

BIO-DATA

Name : Dr. CHALUVARAJU B. V.

Fathers Name : Vyramudigowda B. C.

Qualification : M.Sc., Ph.D. - Physics

Date of Birth : 15/05/1974

E-mail : bvcgowda@gmail.com
chaluvaraju@bit-bangalore.edu.in

Nationality : Indian

Sex : Male

Languages Known : Kannada & English

Permanent Address : Dr. Chaluvvaraju B.V.
S/O Vyramudigowda B. C. (Late)
Belakere, Marchanahally (Post), Channapatna (T)
Ramanagara (D), Karnataka State, India. PIN - 562160

Address for Correspondence: Dr. Chaluvvaraju B. V.
Assistant Professor, Department of Physics
Bangalore Institute of Technology
K. R. Road, V. V. Puram, Bengaluru - 560004



Strength : Open to studies, Constructive attitude and Leadership capability.

Academic Qualification:

Exam passed	Specialization	Institution	Year of Passing	Class Obtained	% of Marks
S.S.L.C.		Sarwajanika High School Mathikere - Settihally Channapatna (T) Ramanagara (D) PIN -571501	APR-1990	First	68
P.U.C.	P.C.M.B.	Govt. Boys College Channapatna (T) Ramanagara (D) PIN-57 501	APR-1993	First	62
B.Sc.	P.C.M.	Bharati College Bharati Nagar (K.M.Doddi) Maddur (T), Mandya (D) PIN-571427	MAY-1998	Second	54.89
M.Sc. - Physics	Solid State Physics	Manasa Gangothri Dept. of Studies in Physics University of Mysore, Mysore PIN-570006	JUNE-2000	First	60.10
Ph.D.	Physics: Conducting Polymer Composites	B. M. S. College of Engineering, Basavanagudi Bengaluru - 560019 Karnataka, India	SEPT-2017		

Experience:

Name of the Institution	Designation	Working From - To	Years of Experience
Bangalore Institute of Technology K. R. Road V. V. Puram Bengaluru-560 004	Assistant Professor	APR, 2011- till date	7 years 6 months
	Lecturer	APR, 2009- MAR, 2011	2 years
Sir M Visvesvaraya Institute of Technology Via-Yalahanka, Bengaluru-562157	Lecturer	MAR, 2006 - MAR, 2009	3 years 1 months
BMS College of Engineering, Bull Temple Road Basavanagudi, Bengaluru-560 019	Lecturer	NOV, 2002- FEB, 2006	3 years 3 months
RPA PU/Degree College 6 th Block, Rajaji Nagar, Bengaluru--560 010	Lecturer	JUNE, 2000- NOV, 2002	2 years 5 months
BMS College of Engineering, Bull Temple Road Basavanagudi, Bengaluru-560019	Researcher	JUNE, 2011- JAN-2018	6 years 2 months
Bangalore Institute of Technology K. R. Road, V. V. Puram, Bengaluru-560 004	Researcher	JAN-2018 - Till date	9 month

Short Term Training Program (STTP)/Faculty Development Program (FDP) Attended:

1. Participated in “**Two-week Workshop on Short Term Training Program (STTP) on Engineering Physics**” conducted by Indian Institute of Technology (IIT), Bombay held from 8th to 18th Dec-2015 organized by Department of Physics at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
2. Participated in “**One-Week Workshop of Technology Transfer and Faculty Program on Conducting Polymer Composites, Synthesis and Characterization**” held from 6th to 10th Jun-2016 organized by Department of Physics at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
3. Participated in **One Week Workshop on “Recent Advances in Chemistry of Materials for Engineering Applications (RACMEA-2016)”** held from 11th to 15th July-2016 organized by Department of Chemistry at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
4. Participated in **Two Weeks Faculty Development Programme on “Recent Development and Challenges in Materials and Manufacturing Process (RDCMMP 2018)”** held from 1st to 13th Jan-2018 AICTE sponsored and organized by Department of Mechanical Engineering at Bangalore Institute Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

5. Participated in **One Week Faculty Development Programme on “Modern Materials and their Applications”** held from 16th to 20th Jan-2018 organized by Department of Physics at B.N.M. Institute of Technology, Banashakari 2nd Stage, Bengaluru - 560070, Karnataka, India.

Workshops/Seminars Attended:

1. Participated in one-day workshop on **“Research Orientation Program for Research Aspirants”** held on 25th, August-2012 organized by the Department of Physics at Dr. Ambedkar Institute Technology, Bengaluru, Karnataka, India.
2. Participated in two-day workshop on **“Research Methodologies and Latex”** held from 4th to 5th, February-2013 organized by Visvesvaraya Technological University e-Learning Centre, Mysore at Bangalore Institute Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
3. Participated in three-day workshop on **“Micro and Nano-Technology”** held from 25th to 27th, April-2013 organized by the Department of Electrical Engineering at M. S. R. Institute Technology, Bengaluru - 560054, Karnataka, India.
4. Participated in two-day workshop on **“Advances in Polymer Science and Composites”** held from 30th to 31st, August-2013 organized by Department of Chemical Engineering, Physics and Chemistry at R. V. College of Engineering, Bengaluru - 560059, Karnataka.
6. Participated in one-day workshop on **“Research Methodologies (RM-2015)”** sponsored by Karnataka State Technology Association and KSCST, Department of Science and Technology, Government of Karnataka, held on 04th, March-2015 organized by Departments of Mathematics and Mechanical Engineering at Bangalore Institute Technology, Bengaluru - 560004, Karnataka, India.
7. Participated in one-day workshop on **“Outcome Based Education and Accreditation”** held on 21st, July-2015 organized by Visvesvaraya Technological University - Belagavi at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
8. Participated in one-day workshop on **“Plagiarism Check for the Ph. D. Thesis”** held on 25th, July-2015 organized by Visvesvaraya Technological University - Belagavi at S. J. B. Institute of Technology, Bengaluru - 560060, Karnataka, India.
9. Participated in **“Two-day Workshop on 100th Year Celebration of Einstein’s Work”** held on 23rd April-2016 organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
10. Participated in **“One-day Pre-conference (International Conference on Advanced Materials and Applications-ICAMA2016) Workshop on Conducting Polymer Composites for Technology and Applications”** held on 15th June-2016 organized by Centre of Excellence in Advanced Materials Research at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.

11. Participated in Two-day Science Academies' Lecture Workshop on **“Shockwaves in Science, Engineering and Medicine”** held on 24th and 25th March-2017 sponsored by IISc, Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
12. Participated in seminar on **“Innovative Talks on Emerging Trends”** held on 7th November-2017 sponsored by Rajya Vokkaligara Sangha (RVS), Bengaluru and organized by Department of Chemistry at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
13. Participated in two-day workshop on **“A-VIEW – Amrita Virtual Interactive E-Learning World ”** organized by VTU-Belagavi e-Learning Centre, Mysuru held from 19th to 20th February-2018 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
14. Participated in two-day Science Academies' Lecture Workshop on **“Recent Trends in Nanoscience and Nanotechnology”** held on 2nd and 3rd May-2018 sponsored by Science Academies' of India and organized by Department of Science and humanities, Global Academy of Technology, Rajarajeshwari Nagar, Bengaluru - 560098, Karnataka, India.
15. Participated in two-day workshop on **“New Model Curriculum for First Year B.E./B.Tech.-CBCS Syllabus (2018-2019) as per Outcome-Based Education (OBE) format including Course Outcomes (CO) and Bloom's Taxonomy”** organized jointly by VTU, Belagavi and Bangalore Institute of Technology held from 7th to 8th May-2018 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

National/International Conferences Attended:

1. Participated in one-day national conference on **“Emerging Trends in Material Science”** held on 26th, March-2013 organized by Department of Physics at KLE's S. Nijalingappa College, Rajaji Nagar, Bengaluru - 560010, Karnataka, India.
2. Participated in three-day **“International Conference on Transformation in Engineering Education (ICTIEE-2015)”** held from 6th to 8th, January-2015 organized by B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
3. Participated in two-day **“Conference on Science and Technology on GenNext Urban Development”** conducted by Karnataka State Science and Technology (KSTA) held from 5th to 6th, November-2015 organized at Bangalore Institute of Technology, Bengaluru - 560004, Karnataka, India.
4. Participated in one-day conference on **“Laser Physics and Non-Linear Optics”** held on 30th October-2017 sponsored by Rajya Vokkaligara Sangha, Bengaluru & Karnataka State Council for Science and Technology (KSCST), Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

Research Papers Presented in National/International Conferences:

1. **Chaluvaraju B V**, Raghavendra U P and Murugendrappa M V, *Preparation, Characterization and I-V Characteristic Studies of Polypyrrole/Molybdenum Trioxide Composites*, National Conference on “**Current Trends in Scientific Research for Engineering Applications (NCSEA-2014)**” held from 17th to 18th July-2014 organized by Departments of Science at St. Joseph College of Engineering, Vamanjoor, Mangalore - 575028, Karnataka, India.
2. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis and I-V Characteristics Studies of Polypyrrole/Strontium Arsenate Composites*, National conference on “**Present Scenario of Chemical Science and its Technical Prospectives-2014 (PSCSTP-2014)**” held from 10th to 11th, October-2014 organized by Department of Chemistry at Karnataka University’s Karnataka Science College, Dharwad - 580001, Karnataka, India.
3. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis and D. C. Conductivity Study of Polypyrrole/Strontium Arsenate (Ceramics) Nano Composites*, Regional conference on “**KSTA Regional Conference on SCIENCE & SOCIETY**” held from 16th to 17th, January-2015 jointly organized by Veerashaiva College, Ballari-583104 and Karnataka Science and Technology Academy (KSTA), Dept. of Science and Technology, Government of Karnataka, Bengaluru, Karnataka, India.
4. Sangappa K Ganiger, **Chaluvaraju B V**, Smitha M G and Murugendrappa M V, *Synthesis, Characterization and D. C. Conductivity Study of Polypyrrole/Zinc Tungstate (Ceramics) Nano Composites*, National conference on “**Advanced Nanotechnology and its Applications (NCOANA-2015)**” held from 22nd to 24th, January-2015 organized by Department of Chemistry at Maharani’s Science College for Women, Palace Road, Bengaluru - 560001, Karnataka, India.
5. **Chaluvaraju B V**, T S Pranasha and Murugendrappa M V, *Experimental Studies on Dielectric Properties of the Polypyrrole/Ash (Paddy Husk) Nano-Composites*, Visvesvaraya Technological University and ISTE Sponsored National Conference on “**Recent Advances in Applied Sciences (RAAS-2016)**” held from 25th, April-2016 organized by Department of Science and Humanities at A. M. C. College of Engineering, Bannerghatta Road, Bengaluru - 560083, Karnataka, India.
6. **Chaluvaraju B V**, Sangappa K Ganiger, T S Pranasha and Murugendrappa M V, *Experimental Study on A. C. Conductivity of the Polypyrrole/Ash (Paddy Husk) Nano Composites*, “**International Conference on Advance Materials and Applications (ICAMA-2016)**” held from 16th to 17th, June-2016 organized by Centre of Excellence in Advanced Materials Research at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
7. Sangappa K Ganiger, **Chaluvaraju B V**, and Murugendrappa M V, *A Feasibility Study on Polypyrrole/Zinc Tungstate (Ceramics) Nano Composites for D. C. Conductivity and as a Humidity Sensor*, “**International Conference on Advance Materials and Applications (ICAMA-2016)**” held from 16th to 17th, June-2016 organized by Centre of Excellence in Advanced Materials Research at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.

8. Smitha M G, **Chaluvaraju B V**, Anuradha K N and Murugendrappa M V, *Synthesis, Characterization and Electrical Susceptance Studies of Polypyrrole/La_{0.7}Ca_{0.3}MnO₃ Nano Composites*, “**International Conference on Advance Materials and Applications (ICAMA-2016)**” held from 16th to 17th, June-2016 organized by Centre of Excellence in Advanced Materials Research at B. M. S. College of Engineering, Bengaluru - 560019, Karnataka, India.
9. Aaditya V B, Bharathesh B M, Akhil D Prabhu, **Chaluvaraju B V**, Pranesha T S and Murugendrappa M V, *Experimental Studies of D.C. Conductivity and Thermo Electric Power of Zirconium Oxide-Molybdenum Trioxide Doped Polypyrrole (PZM) Nano-composites*, “**NANOMEET-2016, National Seminar on Recent Advances in Nano Science and Technology**” held from 6th to 7th, October-2016 organized by Center for Nano Science and Technology, Anna University, Chennai-600025, Tamil Nadu, India.
10. Bharathesh B M, Aaditya V B, Akhil D Prabhu, **Chaluvaraju B V**, Pranesha T S and Murugendrappa M V, *Experimental Studies of Dielectric Modulus and Electrical Impedance of Polypyrrole/Ash (Paddy Husk) Nano Composites*, “**NANOMEET-2016, National Seminar on Recent Advances in Nano Science and Technology**” held from 6th to 7th, October-2016 organized by Center for Nano Science and Technology, Anna University, Chennai-600025, Tamil Nadu, India. **Awarded 1st prize in the Best Poster Presentation category.**
11. Aaditya V B, Akhil D Prabhu, Bharathesh B M, **Chaluvaraju B V**, Raghavendra U P, Thipperudrappa J and Murugendrappa M V, *Experimental Studies of D.C. Conductivity and Thermo Electric Power of Polypyrrole/Titanium Dioxide Nano Composites*, “**International Conference on Smart Engineering Materials [ICSEM-2016]**” held from 20th to 22nd, October-2016 organized by R V College of Engineering, Bengaluru-560059, Karnataka, India.
12. Bharathesh B M, Aaditya V B, Akhil D Prabhu, **Chaluvaraju B V**, Raghavendra U P and Murugendrappa M V, *Chemically Synthesized Polypyrrole/Titanium Dioxide-MWCNT (PTM) Nano Composites for Experimental Studies of D.C. Conductivity and Thermo Electric Power*, “**International Conference on Smart Engineering Materials [ICSEM-2016]**” held from 20th to 22nd, October-2016 organized by R V College of Engineering, Bengaluru-560059, Karnataka, India.
13. Akhil D Prabhu, Bharathesh B M, Aaditya V B, **Chaluvaraju B V**, Raghavendra U P and Murugendrappa M V, *A.C. Conductivities of Polypyrrole/Titanium Dioxide and Polypyrrole/ Titanium Dioxide-MWCNT Nano Composites: A Comparative Study*, “**International Conference on Smart Engineering Materials [ICSEM-2016]**” held from 20th to 22nd, October-2016 organized by R V College of Engineering, Bengaluru-560059, Karnataka, India.
14. Prajwal M. L., Nihal B. Kottan, Purnachandra Ganesh K. M., Sindhoora V., **Chaluvaraju B. V.**, Murugendrappa M. V. and Chandrashekar A., *Diode and dc Conductivity Studies of Polypyrrole/Vanadium Oxide Nano Composites*, **National Conference on “Current Applications in Materials Science”** held on 9th, May-2018 organized by SJB Institute of Technology, Dr. Vishnuvardhan Road, Kengeri, Bengaluru-560060, India (Awarded **1st Prize** in the **Best Poster Presentation** category).

Research Papers Published in National/International Journals:

1. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Synthesis, Characterization and D. C. Conductivity Studies of Polypyrrole/Tantalum Pentoxide Composites*, **International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS, ISSN: 2278-2540)**, Volume III, Issue V, May-2014, pp 33 - 36.
2. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Preparation, Characterization and Current Studies of Polypyrrole/Zirconium Oxide Composites*, **International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS, ISSN: 2278-2540)**, Volume III, Issue V, May-2014, pp 51 - 54.
3. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Preparation, Characterization and Current Studies of Polypyrrole/Tantalum Pentoxide Composites*, **International Journal of Innovative Science, Engineering and Technology (IJSET, ISSN: 2348-7968)**, Volume 1, Issue 4, June-2014, pp 141 - 145.
4. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and A.C. Conductivity Studies of Polypyrrole/Sodium Metavanadate (Ceramic) Composites*, **International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS, ISSN: 2278-2540)**, Volume III, Issue VI, June-2014, pp 93 - 97.
5. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and Dielectric Property Studies of Polypyrrole/Strontium Arsenate (Ceramic) Composites*, **International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS, ISSN: 2278-2540)**, Volume III, Issue VI, June-2014, pp 129 - 134.
6. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and Dielectric Property Studies of Polypyrrole/Zinc Tungstate (Ceramic) Composites*, **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET, ISSN: 2319-8753)**, Volume 3, Issue 6, June-2014, pp 13934 - 13946.
7. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and A. C. Conductivity Studies of Polypyrrole/Strontium Arsenate (Ceramic) Composites*, **International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET, ISSN: 2319-8753)**, Volume 3, Issue 7, July-2014, pp 14303 - 14313.
8. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and Dielectric Property Studies of Polypyrrole/Sodium Metavanadate*

(Ceramic) Composites, **International Journal of Engineering Science and Research Technology (IJESRT, ISSN: 2277-9655)**, Volume 3, Issue 7, July-2014, pp 82 - 87.

9. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *Synthesis, Characterization and A.C. Conductivity Studies of Polypyrrole/Zinc Tungstate (Ceramic) Composites*, **International Journal of Engineering Science and Research Technology (IJESRT, ISSN: 2277-9655)**, Volume 3, Issue 7, July-2014, pp 130 - 136.
10. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Thermo-electric Power Study of Polypyrrole/Zirconium Oxide Composites*, **International Journal of Engineering Science and Research Technology (IJESRT, ISSN: 2277-9655)**, Volume 3, Issue 10, August-2014, pp 314 - 321.
11. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Synthesis, Characterization and D.C. Conductivity Study of Polypyrrole/Molybdenum Trioxide Composites*, **Springer: Polymer Science Series B (ISSN: 1560-0904)**, Volume 56, Number 6, December-2014, pp 935 - 939, DOI: 10.1134/S1560090415010017.
12. **Chaluvaraju B V**, Sangappa K Ganiger, Uma V and Murugendrappa M V, *Humidity Sensing Study of Polypyrrole/Zirconium Oxide Composites*, **Advances in Polymer Science and Technology: An International Journal (ISSN: 2277-7164)**, Volume 4, Number 4, December-2014, pp 69 - 76.
13. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Humidity Sensing Study of Polypyrrole/Molybdenum Trioxide Composites*, **International Journal of Macromolecular Science (ISSN: 2249-8559)**, Volume 5, Number 1, March-2015, pp 1 - 6.
14. Sangappa K G, **Chaluvaraju B V**, Revanasiddappa M and Murugendrappa M V, *Synthesis, Characterization and Current Study of Polypyrrole/Sodium Metavanadate (Ceramics) Nano Composites*, **Advances in Polymer Science and Technology: An International Journal (ISSN: 2277-7164)**, Volume 5, Number 1, Mar-2015, pp 1 - 6.
15. Sangappa K Ganiger, **Chaluvaraju B V**, K S Ganiger and Murugendrappa M V, *Synthesis and Characterization of Polypyrrole/Strontium Arsenate (Ceramics) Nano Composites*, **Malaysian Polymer Journal (ISSN: 1823-7789)**, Volume 10, Number 1, March-2015, pp 9 - 15.
16. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *D. C. and A. C. Conductivity Studies of Polypyrrole/Zirconium Oxide Composites*, **International Journal of Research in Pure and Applied Physics (ISSN: 2278-134X)**, Volume 5, Issue 1, June-2015, pp 13 - 18.
17. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Thermo-Electric Power Study of Polypyrrole/Molybdenum Trioxide Composites*, **Springer: Polymer Science Series A (ISSN: 0965-545X)**, Volume 57, Number 4, July-2015, pp 467 - 472, DOI: 10.1134/S0965545X15040057.

18. Sangappa Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *D.C. Conductivity and Humidity Sensing Studies of Polypyrrole/Sodium Metavanadate (Ceramics Nano Composites)*, **International Journal of Innovative Research in Science, Engineering and Technology (Print: ISSN: 2347-6710)**, Volume 4, Issue 7, July-2015, pp 5819 - 5827, DOI: 10.15680/IJRSET.2015.0407058.
19. **Chaluvaraju B V**, Sangappa K Ganiger and Murugendrappa M V, *Thermo-Electric Power, A. C. Conductivity, Dielectric Properties and Humidity Sensing Study of the Polypyrrole/Tantalum Pentoxide Composites*, **Springer: Journal of Material Science: Material in Electronics (ISSN: 0957-4522)**, Volume 27, No.1, Jan-2016, pp 1044 - 1055, DOI: 10.1007/s10854-015-3849-7.
20. Madhusudhana H C, Shobha Devi S N , Nagabhushana B M, **Chaluvaraju B V**, Murugendrappa M V , Hari Krishna Rajan, Nagabhushana H and Radhip N R, *Effect of Fuels on Conductivity, Dielectric and Humidity Sensing Properties of ZrO₂ Nanocrystals Prepared by Low Temperature Solution Combustion Method*, **Elsevier: Journal of Asian Ceramic Societies (ISSN: 2187-0764)**, Volume 4, pp 309 - 318, June-2016, DOI: dx.doi.org/10.1016/j.jascer.2016.05.009.
21. Chaluvaraju B V, Raghavendra U P and Murugendrappa M V, *Experimental Studies on Current, Susceptance, Impedance and Electrical Modulus of the Polypyrrole/Molybdenum Trioxide Composites*, **Mapana: Journal of Science (ISSN: 0975-3303)**, Volume 16, No. 1, pp 9 - 24, April-2017, DOI:10.12723/mjs.40.2.
22. Chaluvaraju B V, Raghavendra U P, Pranesha T S and Murugendrappa M V, *A Study of Thermo-Electric Power and Transport Properties of Polypyrrole/Ash (Paddy Husk) Nano-Composites*, **Springer: Journal of Material Science: Material in Electronics (ISSN: 0957-4522)**, Volume 28, No.15, August-2017, pp 11230 - 11242, DOI: 10.1007/s10854-017-6912-8.
23. Aaditya V B, Bharatesh B M, Harshitha R, Chaluvaraju B V, Raghavendra U P, and Murugendrappa M V, *Study of Dielectric Properties of Polypyrrole/Titanium Dioxide and Polypyrrole/Titanium Dioxide-MWCNT Nano Composites*, **Springer: Journal of Material Science: Material in Electronics (ISSN: 0957-4522)**, Volume 29, No.4, February-2018, pp 2848 - 2859, DOI: 10.1007/s10854-017-8214-6.
24. **Chaluvaraju B V**, Sangappa K Ganiger, Pranesha T S and Murugendrappa M V, *Experimental Study on A. C. Conductivity of the Polypyrrole/Ash (Paddy Husk) Nano Composites*, **Elsevier: Materials Today: Proceedings (ISSN: 2214-7853)**, Volume 5, No.1, Part 3, April-2018, pp 2496 - 2502.
25. Sangappa K Ganiger, **Chaluvaraju B V** and Murugendrappa M V, *A Feasibility Study on Polypyrrole/Zinc Tungstate (Ceramics) Nano Composites for D. C Conductivity and as a Humidity Sensor*, **Elsevier: Materials Today: Proceedings (ISSN: 2214-7853)**, Volume 5, No.1, Part 3, April-2018, pp 2803 - 2810.

26. Smitha M G, **Chaluvaraju B V**, Anuradha K N and Murugendrappa M V, *Synthesis, Characterization and Electrical Susceptance Studies of Polypyrrole/La_{0.7}Ca_{0.3}MnO₃ Nano Composites*, **Elsevier: Materials Today: Proceedings** (ISSN: 2214-7853), Volume 5, No. 1, Part 3, April-2018, pp 3137 - 3142.
27. Harshitha R, Aaditya V B, Bharatesh B M, **Chaluvaraju B V**, Raghavendra U P, and Murugendrappa M V, *Studies of Thermo-Electric Power and Dielectric Modulus of Polypyrrole/Zirconium Oxide-Molybdenum Trioxide (PZM) Composites*, **Springer: Journal of Material Science: Material in Electronics** (ISSN: 0957-4522), Volume 29, No.8, April-2018, pp 6564 - 6578, DOI: 10.1007/s10854-018-8640-0.
28. Chandrashekar A, **Chaluvaraju B V** and Manjunath Y J, *Influence of number of passes on mechanical, tribological properties and its structure during friction stir welding of Al-Mg alloy*, **Materials Physics and Chemistry**, Volume 1, 2018, doi:10.63019/mpc.v1i2.569.
29. Aaditya V B, Akhil D Prabhu, Bharathesh B M, **Chaluvaraju B V**, Raghavendra U P, Thipperudrappa J and Murugendrappa M V, *Experimental Studies of D.C. Conductivity and Thermo Electric Power of Polypyrrole/Titanium Dioxide Nano Composites*, **Elsevier: Materials Today: Proceedings**, Volume 5, Issue 10, Part 1, 2018, pp 20874 - 20881, October-2018, doi.org/10.1016/j.matpr.2018.06.474.
30. Bharathesh B M, Aaditya V B, Akhil D Prabhu, **Chaluvaraju B V**, Raghavendra U P and Murugendrappa M V, *Chemically Synthesized Polypyrrole/Titanium Dioxide-MWCNT (PTM) Nano Composites for Experimental Studies of D.C. Conductivity and Thermo Electric Power*, **Elsevier: Materials Today: Proceedings**, Volume 5, Issue 10, Part 1, 2018, pp 20882 - 20889, October-2018, doi.org/10.1016/j.matpr.2018.06.475.
31. Akhil D Prabhu, Bharathesh B M, Aaditya V B, **Chaluvaraju B V**, Raghavendra U P and Murugendrappa M V, *A.C. Conductivities of Polypyrrole/Titanium Dioxide and Polypyrrole/ Titanium Dioxide-MWCNT Nano Composites: A Comparative Study*, **Elsevier: Materials Today: Proceedings**, Volume 5, Issue 10, Part 1, 2018, pp 21217 - 21224, October-2018, doi.org/10.1016/j.matpr.2018.06.521.

(Reference: Chaluvaraju B V citations at Google scholar)

Reviewer:

1. Sensor and Actuators B: Chemical, Elsevier Publication (Impact Factor: 5.40, 2017).
2. Polymer Bulletin, Springer Publication (Impact Factor: 1.43, 2017).
3. Journal of Materials Science: Materials in Electronics (Impact Factor: 2.324, 2017).

Other Responsibilities undertaken:

1. **Ex-Coordinator for NBA** in the Department of Physics, Sir MVIT, Bengaluru.
2. **External Deputy Chief Superintend** for VTU exams at Dr. AIT, Bengaluru.
3. **Co-Author** for the *Engineering Physics Practical Manual* in the Department of Physics, BIT, Bengaluru.
4. **Member**, Board of Examination, BMSCE (Autonomous Institution), Bengaluru.
5. **Coordinator and Ex-Coordinator for NBA** in the Department of Physics, BIT, Bengaluru.
6. **Coordinator**, Prize Committee, MANTHAN: Techno-Cultural Fest, BIT, Bengaluru.
7. **Coordinator**, BIT- R & D Cell, BIT, Bengaluru.
8. **Coordinator**, Course Development Program, BIT, Bengaluru.
9. **Member**, Board of Examination, DSCE (Autonomous Institution), Bengaluru.
10. **Member**, Editorial Board, **Materials Physics and Chemistry** is an international open access peer reviewed journal published by Enpress publisher, USA.
11. **Member**, Editorial Board, **Frontiers of Mechatronical Engineering** is an international open access peer reviewed journal published by Enpress publisher, USA.
12. **Coordinator**, Induction Program, BIT, Bengaluru.
13. **Member**, Press & Media Committee and Hospital, VTU sponsored All India Inter University Aquatic (Women) Championship organized by BIT, Bengaluru.

Programs (Workshops/Seminars/Conferences) Organized:

1. Organized in “**Two Day Workshop on 100th Year Celebration of Einstein’s Work**” conducted by Department of Physics on 23rd April-2016 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
2. Organized in “**One Week Workshop of Technology Transfer and Faculty Program on Conducting Polymer Composites: Synthesis and Characterization**” conducted by Department of Physics from 6th to 10th June-2016 at **B. M. S. College of Engineering**, Bengaluru - 560019, Karnataka, India.
3. Organized in Two-day Science Academies’ Lecture Workshop on “**Shockwaves in Science, Engineering and Medicine**” held on 24th and 25th March-2017 sponsored by IISc, Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
4. Organized in one-day conference on “**Laser Physics and Non-Linear Optics**” held on 30th October-2017 sponsored by Rajya Vokkaligara Sangha, Bengaluru & Karnataka State Council for Science and Technology (KSCST), Bengaluru and organized by Department of Physics at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.
5. Organized in two-day workshop on “**New Model Curriculum for First Year B.E./B.Tech.-CBCS Syllabus (2018-2019) as per Outcome-Based Education (OBE) format including Course Outcomes (CO) and Bloom’s Taxonomy**” organized jointly from VTU, Belagavi

and Bangalore Institute of Technology held from 7th to 8th May-2018 at Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka, India.

Awards/Prizes/Honors:

1. Awarded *1st Prize* in the *Best Poster Presentation* category: Bharathesh B M, Aaditya V B, Akhil D Prabhu, **Chaluvaraju B V**, Pranasha T S and Murugendrappa M V, *Experimental Studies of Dielectric Modulus and Electrical Impedance of Polypyrrole/Ash (Paddy Husk) Nano Composites*, “**NANOMEET-2016, National Seminar on Recent Advances in Nano Science and Technology**” held from 6th to 7th, October-2016 organized by Center for Nano Science and Technology, Anna University, Chennai-600025, Tamil Nadu, India.
2. Awarded *Outstanding Reviewer* from Elsevier publication for **Sensor and Actuators B: Chemical** journal (Impact Factor: **5.40**, 2017) in 2017.
3. Awarded *1st Prize* in the *Best Poster Presentation* category: Prajwal M. L., Nihal B. Kottan, Purnachandra Ganesh K. M., Sindhoora V., **Chaluvaraju B. V.**, Murugendrappa M. V. and Chandrashekar A., *Diode and dc Conductivity Studies of Polypyrrole/Vanadium Oxide Nano Composites*, **National Conference on “Current Applications in Materials Science”** held on 9th, May-2018 organized by SJB Institute of Technology, Dr. Vishnuvardhan Road, Kengeri, Bengaluru-560060, India.
4. Rajya Vokkaligara Sagha and Bangalore Institute of Technology, K. R. Road, V. V. Puram, Bengaluru - 560004, Karnataka honored for **Academic Excellence** in 2017-18.

Project Guided:

1. Guided for a project “*A Comparative Experimental Studies of Transport Properties of Polypyrrole/Titanium Dioxide and Polypyrrole/Titanium Dioxide-MWCNT Nano Composites*” for three B. E. (Mechanical Engineering) 8th SEM, **2016 batch** students Aadithya V B (1BI12ME001), Bharathesh B M (1BI12ME010) and Akhil D Prabhu (1BI12ME024) of Bangalore Institute of Engineering, Bengaluru.
Aaditya V B has got **M.S. in Nano Technology** in **Chalmer’s University of Technology, Goteberg, Sweden (Europe)** and Bharathesh B M has got **M.S. in Nano Technology** in **KTH Royal Institute of Technology, Stockholm, Sweden (Europe)** based on the above project.
2. Guided “*Experimental Studies of Diode, Thermo-electric Power and Transport Properties of Multi-Phase Polypyrrole/Vanadium Oxide and Polypyrrole/Vanadium Oxide-Aluminum Oxide Nano Composites*” for three B. E. (Mechanical Engineering) 6th SEM and 8th SEM, **2018 batch** students Prajwal M L ((1BI14ME098, 8th SEM), Nihal B Kottan (6th SEM) and Poornachandra Ganesh K M (6th SEM) from Bangalore Institute of Engineering, Bengaluru and one B. E. (Mechanical Engineering) 8th SEM, 2018 batch student Sindhoora V from Ramaiah Institute of Technology, Mathikere, Bengaluru-560054.

3. Guided “*Synthesis, Characterization and Thermal Enhancement of Nano-Thermoelectric Materials*” for four B. E. (Mechanical Engineering) 8th SEM, **2018 batch** students Prajwal M L (1BI14ME098), Kishor K H (1BI14ME414), Narasimha A M (1BI14ME085) and Preetham A M (1BI14ME111) of Bangalore Institute of Engineering, Bengaluru-560004.

I am assure that, the above furnished informations are true to the best of my knowledge and belief.

Date:

Place: Bengaluru

[Dr. Chaluvvaraju B. V.]