


Prof. KAILAS BHALERAO

J.D.M.V.P. SAMAJ'S SHRI. S. S. PATIL ARTS,
SHRI. BHAUSAHEB T. T. SALUNKHE COMMERCE AND
SHRI. G. R. PANDIT SCIENCE COLLEGE



 :9325575836

Personal Information :

Full Name : Prof. KAILAS BHALERAO
Date of Birth : 15-03-1969
Address : Sr. no 329/1, plot no 3 Nemade nagar (Radhakrushn nagar)
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Category : OPEN
Subject of University Approval : PHYSICS
University Approval Letter No. and Date : NMU/ 95//5/97/7207 [Dt. 28-09-1995]

Educational Qualifications:

Examination Passed	Board/ University	Group/ Subject	Percentage Secured	Class	Year of Passing
Ph.D.	KBC North Maharashtra University, Jalgaon	Physics Crystal growth	-----	-----	2021
M.Sc.	Pune University, Pune	Physics	66.08%	First	1991
B.Sc.	Pune University, Pune	Electronics	66.67%	First	1989

THESIS / DISSERTATION TITLE

Ph. D. Thesis: “Growth and Characterization of doped Bismuth tri-sulphide crystals by Gel method”

PROFESSIONAL EXPERIENCE

UG: 32 years PG: 02 years

Research: 07 years

Refresher/Orientation Programs

Sr NO	Name of the course	Place	Period	Grade
1	Orientation	ASC, University of Pune	16/08/1995 to 12/09/1995	A
2	Refresher	ASC, University of Aligarh	06/11/2000 to 03/12/2000	--
3	Refresher	UGC-ASC Dr B.A.M. University, Aurangabad	09/12/2011 to 29/12/2011	A
4	Refresher	UGC-ASC University of Pune.	08/10/2012 to 28/10/2012	A
5	3 days Faculty Development Program confronting in covi19 Higher education	Shri Panditguru Pardikar Mahavidhyalay Shir sala Tal Parli Dist Beed	07/06/2020 to 09/06/2020	-----
6	National level 5day FDP on NAAC Revised assessment	Mungasaji Maharaj Mahavidyalaya, Darwha, District Yavatmal	03/08/2021 to 07/08/2021	-----
7	National level online FDP Programme in Science Pedalogy	D.G.Vaishnav College Chennai	09/08/2021 to 16/08/2021	-----
8	One Week Faculty Development Program “Innovations in Applied Research for Science and Technology”	KDKCE Nagpur	11/10/2021 to 18/10/2021	-----
9	Two Day Online National Level Faculty Development	Certificate of Participation MALLA REDDY INSTITUTE OF ENGINEERING AND TECHNOLOGY	24/092021 to 25/09/2021	-----

	Program on “Modern Chemistry & It's Applications	Maisammaguda, Dhulapally, Kompally, Secunderabad – 500100		
10	Tools and Techniques in Characterization of Compounds	Departments of Physics, Biotechnology and Microbiology & CLT, URCW in collaboration with CSIR-CECRI, Karaikudi	17/01/2022 to 21/01/2022
11	Research Methodology International One week FDP Online	Kamala Neharu Mahavidyalay Nagpur	02/05/2022 to 07/05/2022
12	ICT TOOLS FOR EFFECTIVE TEACHING LEARNING National One week FDP Online	Kamala Neharu Mahavidyalay Nagpur	23/05/2022 to 28/05/2022
13	Invention teaching learning and research One week FDP Online	Vidya Vikas ACS College Warda	01/06/2022 to 07/06/2022
14	Cyber Security and Ethical Hacking	Chandigrh university	25/07/2022 to 29/07/2022	...
15	“Implementation of National Education Policy: Challenges and Opportunities in HEIs”	LATE SOW. KAMALTAI JAMKAR MAHILA MAHAVIDYALAYA, PARBHANI	24/08/2022 to 30/08/2022
16	computer forensics and cyber crime five days FDP Online	Sadabai Rasoni Womens college Nagpur	01/02/2023 to 05/02/2023

Details of Conference / Symposium / Workshop Attended:

Sr. No	Theme	level	Name o the Organizing Institution	Date
1	' Non Conventional Energy Sources'	University	Dept. of Physics & Electronics Dadasaheb D. N. Bhole College, Bhusawal	18/12/ 2008
2	on 'Energy Awareness'	University	Smt. P. K. KotechaMahila Mahavidyalaya, Bhusawal.	30/01/2009
3	'Workshop on New Trends Higher Education	University	Smt. P. K. KotechaMahila Mahavidyalaya, Bhusawal.	10/03/2009
4	On Biodiversity and Conservation of Medicinal Plants	State	S .S Patil Arts T.T Salunkhe Commerce and G.R Pandit science College Jalgaon	06 /02/2010
5	on ' Non- Conventional Energy Sources-Need of the Future'	University	Shri. V. S. Naik Arts, Commerce and ScienceCollege, Raver Dist. Jalgaon	18/02/2009
6	on Recent advances in Synthesis & characterization	National	Dadasahab DevidasNamdeoBhole College Bhusawal Dist Jalgaon	22/01/2011 to 23/1/2011
7	Workshop - [syllbus framing workshop on sy b.sc]	University	Jamner	10 /02/ 2013
8	Conference - [NANOMATERIAL:Application and Properties (NCNAP-2013)]	National	ACS,COLLEGE SONAI	22/02/2013 to 23 /02/2013
9	Workshop - [University Level Workshop for the Restructuring of the Syllabi For Physics at T.Y. B. Sc.]	University	R.C.PatelArtsCommerce&Science Shirpur	23/02/2014 to 24 /02/2014
10	Workshop - [National on Workshop Advanced MaterialsProcessing]	National	North Maharashtra University, Jalgaon	08/03/2014
11	Workshop - [University Level Workshop on F.Y.B.Sc Physics Syllabus Revision.]	University	L. K. Dr. P. R. Ghogrey Science college Dhule	17/01/2015
12	Workshop - [University Level Workshop on T.Y.B.Sc Physics Practicals]	University	Nanasaheb Y.N. Chavan Arts Science Commerce college Chalisingaon	27/01/2015
13	Workshop - [On Screen Evaluation]	University	Arts,Science& P.O.Nahata CommerceCollege Bhusawal	08/10/ 2016
14	Conference - [Enviromental studies]	State	J. D. M. V. P. Co-Op. Samaj's Shri S. S. Patil Arts, Shri Bhauasaheb T. T. Salunkhe Commerce and Shri	08/12/2016.
15	Conference - [Maharashtra Vidnayan Sahitya Parishad]	State	J. D. M. V. P. Co-Op. Samaj's Shri S. S. Patil Arts, Shri Bhauasaheb T. T. Salunkhe Commerce and Shri	05/02/2017
16	Conference - [Conference ?(Humen Right)&Present Scenerio]	State	A.D.P.M's Womens College of Arts, Commerce & Home- Science, Jalgaon	11 /12/2017
17	Workshop - [Workshop on Syllabus Restructuring at S	University	D N College Faizpur	27/02/2019

	YBSc Physics CBCS Pattern]			
18	Vidyarthi Vigyan Manthan 2018 camp Evaluator - [Vidyarthi Vigyan Manthan 2018 camp Evaluator]	State	J. D. M. V. P. Co-Op. Samaj's Shri S. S. Patil Arts, Shri Bhausaheb T. T. Salunkhe Commerce and Shri G.R.Pandit Science College Jalgaon	20/01/2019
19	National Education Policy-2019	National	KBC North Maharashtra University, Jalgaon	26/06/ 2019
20	Vidyarthi Parishad Nivadnuk Karyashala	University	KBC North Maharashtra University, Jalgaon	27/06/ 2019
21	Workshop on Curriculum Development in Physics at T.Y.B.Sc (CBCS)	University Online	P.S.G.V.P.Mandal's, S.I.Patil Art's G.B.Patel Science and S.J.K.V.S.Commerce College Shahada	15/05/ 2020 & 15/05/ 2020
22	"Impact of COVID-19 on Indian Economy"	National Level webinar	Shri Pundlik Maharaj Mahavidyalaya Nandura, Dist Buldana	21/05/ 2020
23	"Pandemic COVID 19: Psychological Issues and Solutions"	National Level webinar	Navyug Kanya Rajendra Nagar, Lucknow 226004	26/05/ 2020
24	Recent trends in Computer Science	National webinar	Leva Educational Union's Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon	01/06/ 2020 & 02/06/ 2020
25	Pandemic COVID 19:Changes and Challenges in Society with Special reference to higher education	International webinar	B.P Art's N.B Commerce and B.P. Science College Digras Dist Yawatmal	05/06/ 2020
26	"Mental Health and Personality Development "	National webinar	Arts and Commerce College, Bhis Dist Chandapur	05/06/ 2020
27	Confronting Covid-19 in Higher Education	National webinar	Shri Panditguru Pardikar Mahavidhyalay, Shirsala Dist Beed	07/06/ 2020
28	Soft Skill and Creative Thinking in Chemical and Physical Sciences	National webinar	J. D. M. V. P. Co-Op. Samaj's Arts, Commerce and Science College Yawal	08/06/ 2020
29	GER in Education and Developing Countries	National webinar	Punyashlok Ahilyadevi Holkar Solapur University, Solapur (MS)	29/06/ 2020
30	Advances in Spectral Analysis and Nanotechnology for Chemical and Physical Sciences	National webinar	Dadasaheb Devidas Namdeo Bhole College, Bhusawal,	02/07/ 2020
31	Challenges ,Opportunities and Solutions During and Post Covid19	International webinar	Adarsh College of Art Nizampur	06/07/ 2020 to 07/07/ 2020
32	Admissions From Home	National webinar	Ainpur Parisar Shikshan Prasarak Mandal's Sardar Vallabhbai Patel Arts & Science College Ainpur, Tal. Raver,	11/07/ 2020

33	Role of advanced materials for Optoelectronics devices	International webinar	VVM's S.G.Patil Arts,Science and Commerce College Sakri	12/07/ 2020
34	. "Knowledge Updation in Multi-functional Materials"	National webinar	LEKSHMIPURAM COLLEGE OF ARTS AND SCIENCE, NEYYOOR- 629802, KANYAKUMARI DISTRICT, INDIA.	16/07/ 2020
35	Solar Physics	National webinar	G.L.Bhagwadi Arts,Science and Commerce College Nipani Karnataka	17/07/ 2020
36	Recent trends in Nanostructured Materials Based devices and their applications	International webinar	D.P.Bhosale College, Koregaon Dist Satara	18/07/ 2020
37	IMPORTANCE OF PHYSICS IN INDUSTRY AND OPPORTUNITIES FOR PHYSICS STUDENTS	State webinar	People's Education Society's Mumbai Milind College of Science, Aurangabad	21/07/ 2020
38	Present Scenario of Material Science	International webinar	Nilkanthrao Shinde Science and Arts College Bhadrawati Dist Chandrapur	24/07/ 2020
39	Material for Energy	National webinar	Yashwantrao chavan College of Science, Karad	25/07/ 2020
40	Revised Accreditation Framework of NAAC	National webinar	Punyashlok Ahilyadevi Holkar Solapur University, Solapur (MS),	27/07/ 2020
41	"Recent Trends in Materials Research "	NATIONAL ONLINE SEMINAR	Rayat Shikshan Sanstha's Balwant College,Vita Dist- Sangli	29/07/ 2020
42	International short Course on Advanced Physics' (online)	International	K. J. Somaiya College of Science and Commerce, Mumbai - India	06/08/ 2020 to 08/08/ 2020
43	Advanced Techniques in online teaching	National webinar	Arts,Commerce & Science College, Onde,Tal:Vikramgad, Dist: Palghar (MS)	14/08/ 2020
44	workshop on "Astronomy and Astrophysics"	State webinar	Maratha Vidya Prasarak Samaj's K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik-02	20/08/ 2020
45	Physics of Nanomaterial Characterization	National webinar	Jaysingpur College, Jaysingpur	21/08/ 2020
46	Mitigation and Adaptation Strategies for Alleviating Impact of Climate Change on Food Security	National webinar	B.S.N.V.P.G.College(KKV) Lucknow	25/08/ 2020
47	New Educational Policy	State webinar	Karmaveer Mamasheh Jagdale Mahavidyalaya Washi	28/08/ 2020
48	Fundamentals of Nanoscience and Nanotechnology	National webinar	K.M.D. College Parbatta (Khagaria)	30/08/ 2020

49	Introduction to Intellectual Property Rights (IPR) & Patent Process	National webinar	Anand Niketan College of Science, Arts & Commerce Anandwan, Warora	07/09/ 2020
50	New Research Horizons in Nano and Radiation Materials	International Symposium	Dada Patil Mahavidyalaya Karjat	10/09/ 2020 to 11/09/ 2020
51	Advanced Nanostructured Materials for Energy Generation, Storage and Smart Applications	International Web-Conference	Shardabai Pawar Mahila Arts, Commerce and Science College, Shardanagar, Baramati	09/10/ 2020 to 10/10/ 2020
52	Quantum Mechanics and Its importance	NATIONAL LEVEL SEMINAR	R. R. INSTITUTE OF TECHNOLOGY, BANGALORE	27/10/ 2020 to 29/10/ 2020
53	Best Practices in Laboratory safety management	National webinar	Arts, Commerce and Science College Chikhaldara Dist Amravati	26/12/ 2020
54	Recent developments in Super capacitor and supercapacittes	National webinar	Sona College of Arts and Science Salem	09/01/ 2021
55	ASTROPHYSICS	International webinar	D. B. J. College S. K. Patil Nagar, Chiplun, Dist. Ratnagiri	21/01/ 2021
56	World Water Day 2021	National level Quiz online	D.M.V.P. CO-OP. Samaj's ARTS, SCIENCE & COMMERCE COLLEGE, VARANGAON	21/01/ 2021
57	Solar Based Green Energy Solution- An Immediate Future”	National Webinar	Jnan Vikas Mandal's Degree College Plot No. 9, Sector -19, Airoli, Navi Mumbai, Maharashtra	14/04/ 2021
58	Intellectual Property Rights and Patents	National Webinar	J.S.M. College, Alibag.	20/04/ 2021
59	Blended mode of teaching and learning	National Webinar	Adarsh College of Art Nizampur Dist Sakri	06/06/ 2021
60	Best Practices in Laboratory safety management	National Webinar	B.P.Arts,S.M.A. Science and K.K.C.Commerce College Chalisgaon	26/06/ 2021
61	'Nanotechnology Enabled Energy Conversion and Storage Technologies	National Webinar	J.S.M. College, Alibag	09/07/ 2021
62	Recent Advances in Materials Science and Technology	International webinar	SVCR Government Degree College Palamaner	12/07/ 2021
63	OPPORTUNITIES TO DEVELOP RESEARCH CAREER IN BASIC SCIENCES	International webinar	Balwant College, Vita Dist- Sangli	13/07/ 2021 And 14/07/ 2021
64	Life style and Stress Management	International e-Conference	PES's Karm. A. M. Patil Arts, Commerce & Kai. Annasaheb N. K. Patil Science Sr. College, Pimpalner	22/07/ 2021

65	Foreign Scholarship Opportunities: Basic preparation	National Webinar	B.P.Arts,S.M.A. Science and K.K.C.Commerce College Chalisgaon	29/07/ 2021
66	Career Advancement Scheme (CAS) for College Teachers	State level Online Workshop	J.S.M. College, Alibag	31/07/ 2021
67	Geoinformatics Technology & Career Opportunities	National Webinar	Rani Laxmibai Mahavidyalaya Parola Dist- Jalgaon	04/08/ 2021
68	Futuristic devices :From healthcare to Quantum Computing	International webinar	MGSM's Arts, Science and Commerce College Chopada	09/08/ 2021
69	100Years of Photoelectric Effect	National Webinar	Tapti Education Society's Bhusawal Arts, Science and P. O. Nahata Commerce College, Bhusawal, Dist. Jalgaon	12/08/ 2021
70	Carrier Development in Linux and Cloud Infrastructure	Webinar	MGSM's Arts, Science and Commerce College Chopada	23/08/ 2021
71	Olympic Movement Workshop	National Workshop Online	Tapti Education Society's Bhusawal Arts, Science and P. O. Nahata Commerce College, Bhusawal, Dist. Jalgaon	29/08/ 2021
72	National Conference on Advance Trends in Material Science & Applications	National e-Conference	Maratha Vidya Prasarak Samaj's K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik	30/08/ 2021 and 31/08/ 2021
72	Recent trends in Chemical and Physical Sciences (NCRTCPS-21)	National e-Conference	S.V.S's Dadasaheb Rawal College, Dondaicha	01/09/ 2021
73	Nuclear Radiation for Societal Applications	National Webinar	Dada Patil Mahavidyalaya, Karjat Dist-Ahmednagar	07/09/ 2021
74	Advances in Material Sciences, Applied Sciences and Engineering	International virtual conference	Uttamrao Patil Arts and Science College, Dahivel, Dhule	10/09/ 2021
75	Graphene and Related 2D Materials, Processes & Applications (GR2DMPA-2021)	International E-Workshop	Arts, Commerce & Science College, Maregaon in Association with IQAC, SGB Amravati University	11/09/ 2021
76	Advances in X-ray and Neutron Imaging and its Applications	National Webinar	Maharashtra College of Arts, Science and Commerce, Mumbai - 08	13/09/ 2021
77	Recent Advances in Materials Science and Engineering	International webinar	SVCR Government Degree College Palamaner	23/09/ 2021 And 24/09/ 2021
78	Recent Trends in Chemical & Physical Sciences	International E-webinar	Nilkanthrao Shinde Science & Arts College,Bhadrawati.	28/09/ 2021

79	Intellectual Property Right	National Webinar	AnandibaiRaorane Arts, Commerce, and Science College, Vaibhavwadi Dist Shindkheda	05/10/ 2021
80	New Prospective and Opportunities in Physics	National e-Conference	Vasantryao Naik Arts, Commerce, and Science College, Shahada	13/10/ 2021
81	Remote Sensing	National Webinar	Arts, Science and Commerce College, Andur	16/10/ 2021
82	Career Opportunities in Physics	National Webinar	SNJB's KKHA Arts, SMGL Commerce & SPHJ Science College, Chandwad, Dist. Nashik	29/12/ 2021
83	IP-MAXIMA 2021 workshop	National Workshop online	CSIR-Institute of Minerals and Materials Technology, Bhubaneswar	07/01/ 2022 and 08/01/ 2022
84	The Perfect Universe	State Level one day Webinar	Nanasaheb Y. N. Chavan Arts, Science and Commerce College Chalisgaon, Dist. - Jalgaon	16/2/2022
85	Career Opportunities after B.Sc. & M.Sc. Physics"	National Webinar	Shri Sadguru Gangageer Maharaj Science, Gautam Arts & Sanjivani Commerce College, Kopargaon, Dist.:- Ahmednagar,	17/2/2022
86	How to Write Scientific Article	International Webinar	S.S.P.M's Rani Laxmibai Mahavidyalaya Parola, Dist. Jalgaon,	03/03/2022
87	Recent Trends in Nuclear Science & Material Science	International Webinar	Marathwada Shikshan Prasarak Mandal's ARTS, COMMERCE AND SCIENCE COLLEGE Kille-Dharur, Dist. Beed	05/09/2022 and 06/09/2022
88	Advanced Characterization Technique	International Conference	Indian Institute of Science Bangalore	18/08/2023
89	Functional Nonmaterial and Nanodevices	International Conference Online	Allied Health Science Chettinad Academy of Research and Education Kelambakkam Tamilnadu	26/09/2023
90	Workshop on Syllbus framing of S Y B Sc Electronics Sem III as per NEP 2020	University	MGSM's Dadasaheb Dr. Suresh G. Patil College Chopada	11/03/2024
91	Workshop on Syllbus framing of S Y B Sc Electronics Sem IV as per NEP 2020	University	Nanasaheb Y.N. Chavan Arts Science Commerce college Chalisgaon	19/03/2024

Details of Conference / Symposium / Workshop Organized:

Sr. No.	Title of Conference / Symposium / Workshop	Level	Place	Period
1	Workshop on Syllabus Reconstructing at F Y BSc Electronics (CBCS)	University	Jalgaon	29 th April 2022

Paper Presentation Details:

Sr. No.	Title of Paper	Level	Place	Period
1	Thermal Behaviour of semiconductor Bi ₂ S ₃ crystal growth by Gel technique	National	ACS.college,sonai	22 & 23 feb 2013
2	Thermal Behaviour of semiconductor Bi(Io ₃) ₃ grown by Gel Method	National	Arts & Science College Dondaicha	1& 2 Feb 2013
3	Synthesis and Characterization of Copper doped Barium tartarate crystal by gel technique	International	School of Studies in Physics Vikram University Ujjain	9&10 March 2015
4	Growth and Characterization of Barium tartarate crystal by gel technique	National	G.T.Patil Arts,Commerce&Science College Nandurbar	5&6 Feb 2016
5	A basic study on Growth of doped Bi ₂ S ₃ crystals by Gel method	National	J. D. M. V. P. Co-Op. Samaj's Shri S. S. Patil Arts, Shri Bhausaheb T. T. Salunkhe Commerce and Shri G. R. Pandit Science College, Jalgaon	9&10 December 2016.
6	PREPARATION AND CHARACTERIZATION OF STRONTIUM DOPED BARIUM TARTRATE CRYSTALS BY SILICA GEL METHOD	International	Mahatama Gandhi Vidyamandir's M. S. G. Arts , Science & Commerce College, Malegaon Dist. Nasik	12th & 14th Dec. 2016
7	Synthesized and study of doped Bi ₂ S ₃ crystals by gel method	National	Smt.P.K.Kotecha Mahila Mahavidyalaya, Bhusawal	4 Feb 2017
8	Biomass as renewable resource - Advantages and Disadvantages	National	Arts&, Science College, Dahivel Dist Dhule	6 Jan 2018
9	THERMAL STUDIES OF UNDOPED AND DOPED CRYSTALS GROWN BY SILICA GEL	International	N.D.M.V.P K.T.H.M. College Nasik	12th & 13th Jan. 2018

10	Synthesis and study of Fe –doped Bi ₂ S ₃ crystal by Gel method	National	J. D. M. V. P. Co-Op. Samaj's Shri S. S. Patil Arts, Shri Bhausaheb T. T. Salunkhe Commerce and Shri G. R. Pandit Science College, Jalgaon	12 th February 2018
11	Comparative Study Of Thermal Stability By The Stronsium Doped Barium Tartars Crystals By Silica Gel Technique	National	Seva Sadan Education Society's Seva Sadan Mahavidyalaya Buranpur	11th and 12 th February 2019
12	Comparative study by the C ₄ H ₄ BaCuO ₆ Crystal by the Gel Method	National	L.K.Dr.P.R.Ghogrey Science College ,Dhule	20 th February 2019
13	XRD, UV-Visible, FTIR and Morphological Study of Gel Grown Chromium doped Bismuth tri sulphide Crystal	National Seminar	Dadasaheb Devidas Namdeo Bhole College Bhasawal	3 rd Jan.2020
14	Growth and Characterization of some of doped and undoped Bismuth tri- sulphide crystals by Gel method	National Seminar	S. V. P. Arts and Science College Ainpur, Tal. Raver, Dist. Jalgaon	11 th Jan 2020
15	Growth and Structural analysis of doped Bismuth tri- sulphide crystals : Gel method	National Conference	Shivaji Arts Science and Commerce College Kannad Dist Aurangabad	13 th February 2020
16	Comparative Study Of Chromium doped and iron doped Bismuth tri sulphide Crystal by Gel method	National Conference	M. J. College Jalgaon	28 th-29 th February 2020
17	GROWTH AND THERMAL ANALYSIS OF IRON DOPED BISMUTH TRI-SULPHIDE (Online)	International Conference Materials Science (Online)	Raje Ramrao Mahavidyalaya, Jath, Dist: Sangli, Maharashtra, India IMP 65 lockdown	23rd – 24th April 2021
18	Growth and thermal analysis of Cr doped Bi ₂ S ₃ crystals by gel method	National	Dadasaheb Rawal College Dondayacha NCRPTCS 2021	1 st September 2021
19	Synthesis and thermal analysis of Manganese doped Bismuth tri-sulphide crystals by Gel method	INTERNATIONAL MULTIDISCIPLINARY E-CONFERENCE	Arts, Commerce & Science College, Maregaon Dist. Yavatmal (M.S.)	11-13 October 2021
20	Comparative study of Mn doped Bi ₂ S ₃ and Fe doped Bi ₂ S ₃ crystals grown by using Gel method	1 st International Conference on Advances in Materials Science (ICAMS-2021)	REVA University	22-24 September 2021

21	Growth and thermal analysis of Iron doped Bi ₂ S ₃ crystals by gel method	International e- Conference Advanced Materials in Innovative Technology,2022	Milliya Arts, Science and Management Science College ,Beed (M.S.)	11 January 2022
22	“Role of solar energy for Sustainable Development”	National Seminar	Arts, Science and Commerce College, Shahada, Dist.- Nandurbar.	14th March 2023
23	Synthesis and Structural analysis of Bi ₂ S ₃ by Gel method	International e- Conference	Murud, Janjira	15 th March 2023

Poster Presentation

Sr. No.	Title of Paper	Level	Place	Period
1	A study on Growth of doped Bi ₂ S ₃ crystals by gel method	Dist Avishkar	Danaji Nana Mahavidyalay Faizpur	27 th Dec. 2018
2	A study on Growth of doped Bi ₂ S ₃ crystals by gel method	University Level Avishkar	KBC North Maharashtra University, Jalgaon	2 nd and 3 rd Jan 2019

Details of Publications (Paper / Books / Articles / Monographs / Book Chapters)

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Sr. No.	Details of Publication	Name of Publication	Author(s) / Editor(s)	Level and Date
1	Paper - [Comparative studied by the C ₄ H ₄ BaCuO ₆ Doped BaC ₄ H ₄ O ₆ Crystals by Silicon Gel Technique] Ajanta Volume VIII From 14 To 21	Ajanta Prakashan	Asst.Prof. Vijay Shankarrao Hatole	International – [01-01-2019]
2	Paper - [Comparative Study of Thermal Stability of Strontium Doped Barium Tartrate Crystals by Silica Gel Technique] INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH From 462 To 468	JETIR publication	Dr. Prof. Jai Paul	International – [03-03-2019]
3	Paper - [Synthesis and Comparative study of undoped and doping crystals by silica gel Method] International journal of basic and applied research Volume 8 Number 12 From 409 To 416	Pragati publication	Dr. Sibildo Thomas	International – [01-12-2018]
4	Paper - [Growth of Cr- doped Bismuth Trisulfide (Bi ₂ S ₃) Single Crystals using Gel method] International journal of basic and applied research Volume 8 Number 12 From 417 To 421	Pragati publication	Dr. Sibildo Thomas	International – [01-12-2018]
5	Paper - [THERMAL STUDIES OF UNDOPED AND DOPED CRYSTALS GROWN BY SILICA GEL] International Journal of Chemical and Physical Sciences IJCPS JOURNAL From 359 To 365	IJCPS Vol. 7, Special Issue 12	Dr. M. E. Shelke	International – [14-03-2018]
6	Paper - [Biomass as renewable resource ?Advantages and Disadvantages] Journal of Research and development From 41 To 43	Journal of Research and development Volume 8	Dr.R.V.Bhole	International – [16-12-2017]
7	Paper - [Study of the surface morphology of strontium doped barium tartarate crystals] Journal of Research and development From 131 To 136	Journal of Research and development Volume 8	Dr.R.V.Bhole	International – [11-04-2018]
8	Paper - [Study on growth of Cr-doped Bi ₂ S ₃ crystals by gel method] Journal of Research and development ISSN:2230-9578 UGC Journal List No. 64768 From 119 To 121	Journal of Research and development Volume 8	Dr.R.V.Bhole	International – [16-01-2018]
9	Paper - [Synthesis and Study of Fe-Doped Bi ₂ S ₃ crystals by gel method] Journal of Research and development Volume 8 (Special Issue From 8 To 10	Journal of Research and development Volume 8 (Spl.Issue-11) April2018	Dr.R.V.Bhole	International – [11-04-2018]

10	Study on Mn doped Bi ₂ S ₃ Crystals grown by gel technique and its analysis	Compliance Engineering Journal ISSN NO: 0898-3577 Volume 10, Issue 11, 2019 Page No: 306-314 UGC CARE A LIST	Editor in Chief Yusu Wang Ohio State University	International – [14-11-2019]
11	Growth of Iron doped Bi ₂ S ₃ crystal by gel methodology and its analysis.”	Infokara Research UGC-CARE Approved Group - A Journal (Scopus Indexed Till 2014) ISSN NO: 1021-9056 Page No: 318-325		International – [8-12-2019]
12	Growth and structural analysis of Doped Bismuth tri sulphide crystals: Gel method	OUR HERITAGE ISSN: 0474-9030 Vol-68, Special Issue- 38is Page No: 252-258		Jan 30, 2020
13	COMPARATIVE STUDY OF CHROMIUM AND IRON DOPED BISMUTH TRI SULPHIDE CRYSTALS BY GEL METHOD	JES Journal of Engineering Sciences ISSN NO: 0377-9254 Vol 11, Issue 4 , PP1258-1263	Editors-in-Chief Dr. D.Karthikaran Umber	International – peer-reviewed, interdisciplinary, UGC-CARE approved April/ 2020
14	COMPARATIVE STUDY OF THE SURFACE MORPHOLOGY OF STRONTIUM DOPED BARIUM TARTARATE AND CADMIUM TARTARATE CRYSTALS BY SILICA GEL METHOD S. K. Bachhav 1 K.B.Patil 2	JES Journal of Engineering Sciences ISSN NO: 0377-9254 Vol 11, Issue 4 , PP1367-1370	Editors-in-Chief Dr. D.Karthikaran Umber	International – peer-reviewed, interdisciplinary, UGC-CARE approved April/ 2020
15	Growth and Characterization of some doped and undoped Bismuth trisulphide Crystals by Gel method	Journal of Research and Development, Vol-10 (Issue 01) January-2020 ISSN-2230-9578 pp70-76	Dr.R.V.Bhole	Multidisciplinary International journal Peer Reffered and Indexed Journal – January-2020
16	Synthesis, Crystal Structure and Thermal Properties of Cr-doped Bi ₂ S ₃ Crystals by	International Journal of	Editor-in-Chief Dr.P.Kumar, India	IJIRSET Volume 11, Issue

	Gel Method	Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2347-6710 www.ijirset.com Impact Factor: 7.569 pp1921-	Managing Editor Dr Saravana Kumar S Professor and Head Department of CSE,CMR University, Main campus Bangalore, India	2, February 2022
17	THERMAL STUDIES ON COPPER DOPED BARIUM TARTRATE SINGLE CRYSTALS BY SILICA GEL TECHNIQUE	Journal of Advances in Applied Sciences and Technology (2022) Vol. 8 Issue 1 Page 100-104 (P-ISSN:2393–8188, E-ISSN 2393-8196)		Journal of Advances in Applied Sciences and Technology (2022) Vol. 8 Issue 1
18	Synthesis of Manganese doped Bi ₂ S ₃ crystal in Gel method and its thermal characterisations	IJSRST International Journal of Scientific Research in Science and Technology Print ISSN: 2395-6011 Online ISSN: 2395-602X (www.ijsrst.com)	Editor-In-Chief · Dr. B. B. Baldaniya M. G. Science Institute, Navarangpura, Ahmedabad, Gujarat, India	et al Int J Sci Res Sci & Technol. January-February-2022, 9 (1) : 257-261
19	Synthesis and Structural Analysis of Bi ₂ S ₃ Crystals Gel Method	International Journal of Emerging Technologies and Innovative Research (IJETIR) IJETIR Impact Factor: 5.731 Page 1-5	Prof. Rachna S Jaiswal Assistant Professor Department of Computer Science and Engineering College of Engineering and Technology, Akola – 444104 E-mail: rsjaiswal@coeta.ac.in	IJETIR Volume 3, Issue 3, March 2023

Research Guide:

Sr. No.	Name of the Research Scholar	Title of the Thesis	Year of Award	PhD awarded
1	RUPALI MAHENDRA PATIL DOR: 14-10-2022	Synthesis and Characterization of pure and doped Manganese Sulfide (MnS) Thin films	..	Ongoing
2	TELI VISHAL ISHWAR	Under Process	...	Ongoing

Experience Details: UG: 32 years PG: 02 years

Sr. No	Organization Name	Designation	From Date	To Date
1	JDMVP Co-OP Samaj's Arts, Science and Commerce College Varangaon	Assistant Professor (Sub-Physics)	12-09-1992	30-3-2022
2	JDMVP Co-OP Samaj's Shri.S.S.Patil Art's Shri Bhausaheb T.T.Salunkhe Commerce and Shri G.R.Pandit Science College Jalgaon	Assistant Professor (Sub-Physics Electronics)	1-4-2022	Till this date

Research Advisory Committee

1	Convener	JDMVP'S ASC College, Jalgaon	Research Advisory Committee	2022-23
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Election Commission Mumbai (Maharashtra) Translator

1. Presiding officer for Parliamentary/Assembly/Grampanchayat election.
2. Nodal Officer containment zone Covid-19 Varangaon

Contribution in Syllabus Restructuring

No	Class	Year	Subject
1	F Y B Sc	April 2022	Electronics Paper I
2	S Y B Sc	April 2024	Electronics Sem III Practical
3	M Sc II	March 2024	PHY 613 Materials Science and Technology
4	M Sc II	March 2024	MS-614: Special Laboratory I

Visiting Faculty

Sr No	Name of the Institution	Class	Academic Year
1	ASC College Varangaon	T Y B Sc	2022-23
2	ASC College Varangaon	T Y B Sc	2023-24

S Y B Sc Electronics Sem III

Academic Contribution: Lectures /unit Writing/Chairperson

1) Subject expert for interviews (CHB)

Extracurricular Activities:

1) NSS Assistant Program Officer during the year from 2022

2) Student development Assistant Program Officer during the year From 2017 to 2021

Administrative Committees:

1) IQAC committee Member

2) NAAC committee Member

3) Member for LIC committee

4) Member for COC committee

5) IT Coordinator for University Examination

6) Coordinator PG Departments

Examination Work:

1) External/Internal Senior Supervisor for University Exams.

2) Member for paper setting- B Sc, M Sc.

3) Examiner and Moderator for University Exams- B Sc

4) Examiner for Practical Exams- B Sc, M Sc

5) Member for Flying Squad NMU Exams

Place :-

Date :

Prof. Kailas Bhalerao Patil