

Dr. Khairnar Vilas

Full name: VILAS JAIRAM KHAIRNAR

Date of Birth: 01/03/1969

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Date of appointment in the College: 04/01/1994

Joining Date: 04/01/1994

Department: Mathematics

Subject Mathematics

Designation: Assistant Professor

• **Educational Qualification**

Sr.No	Name of Examination	Name of University	Month & Year of passing	Percentage of marks
1	B.Sc.	SPPU, Pune	1989	56.58%
2	M.Sc.	SPPU, Pune	1992	55.25%
3	Ph.D.	SPPU, Pune	13 July 2013	Awarded

• **Other Qualification:** MH-CIT September 2003

• **Refresher and Orientation Course:**

Name of Course	Organizing Agency	Sponsoring Agency	Period
Orientation Course	Academic Staff College, Pune	U.G.C.	31 st March to 27 th April 1998
Orientation Course NSS	A'Nagar		25 September to 04 August 2000
Refresher NSS	A'Nagar		12 March to 16 March 2003
Refresher Course in Mathematics	Academic Staff College, Aurangabad	U.G.C.	25 February to 15 March 2008

Refresher Course in Mathematics	Academic Staff College, Goa	U.G.C.	30 March to 19 April 2009
Special summer school in ICT	SPPU Pune	U.G.C.	06 May to 26 May 2015

• **Short Term Courses:**

1.	Faculty Development Programme on Cyber Security & Data Sciences)	Shivaji University Kolhapur and Lasalgaon college	26/09/2019 to 01/10/2019	UGC
2.	Online Faculty Development Programme on “Effective Use Of ICT Tools For Teaching And Learning”	Mahatma Gandhi Vidya Mandir’s Arts, Commerce & Science College Malegaon	08/04/2020 To 14/04/2020	UGC
3.	Online Faculty Development Programme on 'Scilab'	Rajarshi Shahu Mahavidyalaya, Latur in collaboration with Spoken Tutorial, IIT, Bombay	01/05/2020 To 07/05/2020	UGC
4.	STTP on "MATLAB based Teaching - Learning in Mathematics, Science and Engineering	Department of Electronics Engineering, Ramrao Adik Institute of Technology, Navi Mumbai	18/05/2020 To 23/05/2020	UGC
5.	Online faculty development programme on "Modern Teaching, Evaluation and Research Methods	organized by Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist- Aurangabad	02/06/2020 To 07/06/2020	UGC
6	Online short-term faculty development programme on ‘Emotional Intelligence for Teacher in Higher Education’	organized by Career Katta and Shri Shivaji Science College, Amravati, in collaboration with UGC- Malaviya Mission Teacher Training Centre.	16/11/2023 to 25/11/2023	UGC

• **Research project carried out:**

Title of the Project	Name of the Funding Agency	Duration	Remarks
Some contribution in Sasakian and Trans-Sasakian spaces.	U.G.C	Two Years	Completed

• **Research Supervision:**

Recognition Type	By	Faculty	Board of Studies	Subject	From	To	No. of Students Registered	No. of Students Awarded
Ph. D.	Research	Science and Technology	Mathematics	Mathematics	24/06/2021	28/02/2029	03	0

• **Paper published in Journal:**

Sr. No.	Title of Paper	Title of Journal	ISSN No.	Academic Year	Page No
1.	On Lorentzian trans-sasakian manifolds-I"	International journal of Physical Sciences,	2231-3478	2011	53-66
2.	On an Einstein Kenmotsu Manifold	Antarctica Journal of Mathematics,	0972-8643	2011	387-397
3.	Some properties of Kenmotsu manifold admitting a quarter symmetric non metric connection	International journal of Physical Sciences	0970-9150	2011	
4.	On η -Para η -Sasakian Manifold	Cayley Journal of Mathematics Vol.1	2278-1748	2012	29-53
5.	On Weakly η - Ricci Symmetric Lorentzian Para η -Sasakian Manifolds.	<i>International journal of Physical Sciences</i> Vol.24 (1) A	2231-346X	2012	67-80
6.	On Weak Conircular Symmetries of η -Trans Sasakian manifolds	.International journal of Physical Sciences Vol.24 (1)	2231-346x	2012	127-148

7.	On Lorentzian Para α -Sasakian Manifolds	Archimedes Journal of Mathematics Vol.2(2)	2278-084X	2012	177-199
8.	On weak symmetries of Lorentzian Trans-Sasakian manifolds	Acta Ciencia Indica an International Journal of Physical Sciences Vol.XXXVIII(2)(0970-0455	2012	287-300
9.	On Weakly concircular η -Symmetric of η -Trans Sasakian Manifolds (05-11)	The journal of Recent Research in Science and Technology 4(9)	2076-5061	2012	24-26
10.	On Generalized Recurrent and Ricci Recurrent Lorentzian Trans-Sasakian Manifolds,	, IOSR Journal of Mathematics 4(4	2278-5728	2014	38-43
11	On Weak Symmetris of δ – Lorentzian β -Kenmotsu Manifolds	Bulletin of Mathematical Analysis and Applications, URL: http://www.bmathaa.org	1821-1291	2015	1-9
12.	On Generalized Recurrent ϵ Lorentzian Trans Sasakian Manifolds	International Journal of Research and Analytical Reviews Volume 6 Issue 1	E-ISSN 2348-1269 P-ISSN 2349-5138	2019	102-104

Seminars, Conferences, Symposia, Workshops etc. attended:

Sl. No	Title of the seminar/conference and dates	Organizing agency	Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker	National/ International (abroad)/ International (within country)/ State/University
1	State level conference of NSS-PO, 3 & 4 Aug. 2003	Maharashtra Gov. & Shivaji Uni.		State

2	NSS PO training for CCT , from 22 to 24 Mar 2004	Uni. Pune & Ghodegaon Collge		University
3	Workshop on Mathematics at Sonai on 17 feb. 2004	Pune University		University
4	State level conference on disaster management at Baramati , from 29/01/2005 to 31/01/2005	Maharashtra Govt. & Pune University		State
5	National integration camp (NSS) at Hafizpur, Baniyaour, Saran	Govt. of India & Regional Center, Bihar		National Level
6	Training on Disaster Management at Pune from 10/06/2005 to 12/06/2005	YESHADA		University
7	Workshop on Education in Human Values at Panchgani, from 26/10/2005 to 30/10/2005	Baha'i Academy & Pune University		University
8	Training Program on Soft skill at Pune, from 16/02/2005 to 17/02/2005	Rajyasadhana Kendra, Pune		University
9	Workshop on Natural farming at Deogarh, from 08/03/2006 and 09/03/2006	University of Pune		University
10	Workshop on Education in Universal Human Values at Panchgani , from 29/07/2006 and 30/07/2006	Baha'i Academy & Pune University		University

11.	73rd Annual conference of The Indian Mathematical Society at Pune from 27/12/2007 to 30/12/2007	University of Pune & College of Engineering, Pune		National
12.	Workshop on Syllabus of Mathematics & Statistics on 01/10/2007	LVH College, Panchavati, Nasik		University
13.	Workshop on Mathematics on 22/09/2007	PVP College, Pravaranagar		University
14	International conference on Fuzzy Mathematics & its Applications from 27/01/2007 to 29/01/2007	New ACS College, Ahamadnagar		International
15	Workshop on commercial use of Mathematics & Statistics	Dr. Ambedkar College pune		University
16	Workshop on 'Samarth Bharat Aabhiyan' on 11/02/2007	University of Pune & Yeola College		University
17	Workshop on Geometry and topology from 02/01/2008 to 08/01/2008	Dept. of mathematics, University of Pune		University
18	Workshop on Some steps to remove research illiteracy in differential geometry from 11/12/2008 to 14/12/2008	PVP Engineering College, Loni		University
19	Workshop on Some steps to remove research illiteracy in differential Geometry 25/07/2008 to	College of Engineering, Kopargaon		University

	28/07/2008			
20	97th Indian Science at Thiruvananthapuram from 03/01/2010 to 07/01/2010	Kerala University	Poster presenter	National
21	Workshop on Topology of Manifold at Chennai from 01/02/2010 to 13/02/2010	Institute of Mathematical Sciences		National
22	International Congress of Mathematics at Hyderabad from 19/08/2010 to 27/08/2010	Hyderabad University		International
23	3RD Annual conference of the Tensor society on differential geometry at Shimoga (Karnataka) 27/05/2011 and 28/05/2011	Kuvempu University, Shimoga (Karnataka)	Paper presenter	National
24	National Conference on "New Trends in Geometry" on 21/12/2012 And 22/12/2012	Parner college, Ahmednagar,(Maharashtra)	Paper presenter	National
25	Webinar on "THE MAN WHO KNOW INFINITY on 26th April 2020.	St. Xavier's college for Women,Aluva,Kerala		National
26	International webinar on "Life and Contributions of Maryam Mirzakhani on 12th May 2020	Department of Mathematics St. Xavier's college for women, Aluva		International
27	Webinar on "Assessment and Evaluations in the Wake of COVID-19, on 15th May 2020	Rajarshi Shahu College , Latur		State

28	Webinar on "Centrality Measures in Graph Theory" on 23rd May 2020	Department of Mathematics, Kalasalingam Academy of Research and Education (Deemed to be University) Krishnankoil, Virudhunagar(D.T.), Tamilnadu		National
29	International webinar on "Re-engineering Careers" on 20th May 2020	Savitribai Phule Pune University		International
30	Workshop on NAAC at Nashik on 28/05/2020	KTHM COLLEGE NASHIK		University
31	Workshop on NAAC at A' Nagar on 30/05/2020	New Arts College A'Nagar		University
32	National webinar on "Cloud Computing and job Opportunities" on 26th May 2020.	Department of computer engineering, Institute of Technology Lohgaon ,Pune		National
33	State webinar on " A walk down the memory lane: The life and work of Professor S.S.Shrikhande' on 30th May 2020	Department of Mathematics of S. P. Mandali's Ramnarain Ruia Autonomous college, Mumbai		State
34	online National workshop on " Interdisciplinary Research Methodology, ICT Application &Innovations in Teaching Learning Process " from 8th June 2020 to 12th June 2020	organized by ST.FRANCIS DE SALES COLLEGE, Nagpur		National
35	National webinar on "Creating Interactive e-Learning content on 1st June 2020.	Universal college of Engineering, Vasai		National

36	National webinar on " Applications of Differential Equations on 4th June 2020.	Department of Mathematics, Kongunadu arts and science college, Coimbatore		National
37	International webinar on "Pandemic covid-19: Changes and Challenges in Society with Special Reference to Higher Education ".on 5th June 2020	Arts,commerce and science college, Digras, Dist- Yavatmal		International
38	Webinar on " COVID-19 & Digital Transformation in Higher Education on 9th June 2020	Rajarshi Shahu Mahavidyalaya, Latur		State
39	Webinar on "Recent Trends in Mathematics on 11th June 2020.	Government Holkar science college, Indore (M. P.)		State

Involvement in Administrative and Co-curricular Activities:

- Head of Department of Mathematics
- Worked as a NSS Programme Officer, from June 2000 to June 2008.
- Chairman, Scholarship Committee
- Member, IQAC

Other:

- Worked as Member of **Local Management Committee** of Arts commerce and science college, Lasalgaon
- Life-member of the Indian Science Congress Association (ISCA)
- Member of **B.O.S.** in Mathematics at S.P.P.U., Pune from 10th Jan. 2023 to 31st Aug. 2027.