

CURRICULUM VITAE



1. PERSONAL DETAILS

Name : Dr.KAUSHIKKUMAR RUGANATHBHAI PATEL
Birth Date : 18-08-1979
Current Position : Assistant Professor
Permanent Address : Unchisher, Near Aghara gate, Patan. (N.G.) 384 265
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E-mail : krpatel79@gmail.com, krpatel@gujaratvidyapith.org
Area of Research : Condensed Matter Physics, Applications of Magnetic field, Sound and Light on the growth of plants
Nationality : Indian
Languages known : Gujarati, English and Hindi

2. EDUCATIONAL QUALIFICATION

Degree	Board / University	Subject	Year of Passing	Class Obtained
Ph.D.	Sardar Patel University, VallabhVidyanagar	Condensed matter Physics	2006	-
M.Sc.	Sardar Patel University, VallabhVidyanagar	Solid State Electronics	2003	Second+
B.Sc.	North Gujarat University, Patan	Physics	2001	First

3. TEACHING EXPERIENCE

Position Held	Name of institute	Duration	
Assistant Professor	Biogas Research, ShriMahadev Desai GramsevaMahavidyalaya, Gujarat Vidyapith, Sadra	Since 1 st June 2018	
Assistant Registrar	Gujarat Vidyapith, Ahmedabad	March 2017 to May 2018	1 Year 2 Months
Assistant Professor	Biogas Research, ShriMahadev Desai GramsevaMahavidyalaya, Gujarat Vidyapith, Sadra	August 2011 to March 2017	5 years 6 Months
Adyapak Sahayak	Arts, Science and A. R. Patel Commerce College, Bhadran	January 2011 to July 2011	6 Months
Assistant Professor	Ashok & Rita Patel Institute of Biotechnology And Allied Sciences (ARIBAS), New V. V. Nagar	June 2007 to July 2010	3 Years 1 month
Adhoc Lecturer	N. V. Patel Pure and Applied Sciences College, V. V. Nagar	August 2006 to February 2007	6 Months
Visiting Lecturer	P. G. Department of Physics, H. N. G. University, Patan	June 2004 to March 2005	9 Months
Visiting Lecturer	Seth. M. N. Science College, Patan	September 2004 to March 2005	6 Months

4. RESEARCH EXPERIENCES

Position Held	Name of institute	Duration
Research Guide for Ph.D. degree	Gujarat Vidyapith, Ahmedabad	Since March 2019
	KadiSarvaVishwavidhyalaya, Gandhinagar	Since August 2014
	Hemchandracharya North Gujarat University, Patan (N.G.)	Since March 2014
	Shri J. J. Tibrewala University, Rajasthan	Since April-2013
Guide for M.Phil. & Co-guide for Ph.D	Gujarat Vidyapith, Ahmedabad	Since November 2013
Editorial Board Member	International Journal of Applied Physics International Journal of Material Science	2014-2016

4.1 RESEARCH PUBLICATIONS

	paper Presented in seminar/ conferences	No. of book published	No. of Research papers Published	Research Article	No. of paper published in Proceedings
National	21	-	-	1	05
International	3	02	35	-	-

4.2 No. of candidates working/completed research work under my guidance

Degree	Working	Completed
M. Phil.	-	02
Ph. D.	03	02 (Co-guide)

5. DESIGN OF NEW CURRICULA AND COURSES

Sr. No.	Course	Subject	Year
1	M.Phil.	Physics	2012
2	B.Sc.	PHY:101: Physics-I (Theory and Practical)	2016
3	B.Sc.	PHY:201: Physics-I (Theory and Practical)	2016
4	B.Sc.	EC:101: Environment Studies (Theory and Practical)	2016
5	B.Sc.	EC:201: Environment Studies (Theory and Practical)	2016
6	B.Sc. & M.Sc.	FC:101: Gandhian Thought	2016
7	M.Sc.	MIC-103: Bioinstrumentation (Biosensor portion)	2016
8	B.Sc.	PHY:101: Physics-I (Theory and Practical)	2019
9	B.Sc.	PHY:201: Physics-I (Theory and Practical)	2019
10	B.Sc.	DSE:301: Biomathematics and biostatistics (Theory and Practical)	2019
11	B.Sc.	DSE:401: Bioinstrumentation (Theory and Practical)	2019
12	B.Sc. & M.Sc.	FC:101: Gandhian Thought	2019
13	B.Sc.	GE-101: Renewable energy	

6. DETAILS OF THE TRAINING PROGRAMMES A_ENDED:

Sr. No.	Name of the Programme	Duration	Organizing Institution	Secured Grade
1	ORIENTATION COURSE	02-07-2012 to 29-07-2012 (28)day(s)	HRDC, SARDAR PATEL UNIVERISTY	A
2	REFRESHER COURSE	11-11-2013 to 01-12-2013 21 day(s)	HRDC, GUJARAT UNIVERSITY	A
3	REFRESHER COURSE	14-11-2016 to 04-12-2016 21 day(s)	HRDC, SARDAR PATEL UNIVERISTY	A
4	Training school on X-ray diffraction techniques	03-03-2014 to 08-03-2014 6 day(s)	DEPARTMENT OF PHYSICS, SARDAR PATEL UNIVERSITY	-
5	Training for NSS programme officer	29-1-2014 to 4-2-2014 7 day(s)	Govt. of India, Ministry of Youth and affairs & sports Gujarat Vidyapith	-
6	SHORT TERM COURSE on Disaster management	02-11-2015 to 07-11-2015 6 day(s)	HRDC, SARDAR PATEL UNIVERISTY	-
7	FACULTY DEVELOPMENT PROGRAMME	16-01-2017 to 22-01-2017 6 day(s)	KCG, AHMEDABAD	-
8	Research Methodology Workshop on Mathematical methods in chemistry and Physics	29-02-2016 to 06-03-2016	KCG, AHMEDABAD	-
9	SHORT TERM COURSE on MOOC	30-09-2019 to 06-10-2019 7 day(s)	HRDC, SARDAR PATEL UNIVERISTY	-

7. OTHER RESPONSIBLY

Sr. No.	Name of the Programme	Duration	Institution
1	Chief Superintendent	Since 2011	Department of Microbiology, Gujarat Vidyapith
2	NSS Programme officer	1-4-2014 to 31-03-2015	Department of Microbiology, Gujarat Vidyapith
3	Exam chief supervisor	1-7-2014 to 31-01-2015	Department of Microbiology, Gujarat Vidyapith
4	NSS Programme officer	Since 1 st June 2018	Department of Microbiology, Gujarat Vidyapith
5	Assistant Registrar	Since 29-11-2018	Gujarat Vidyapith, Ahmedabad

8. ACHIEVEMENT

1. Awarded **second prize for best research paper** By Sardar Patel University, Vallabh Vidyanagar during the year 2006-07 published in the subject of Physics.
2. Awarded a Gujarat Government Scholarship from Sardar Patel University, Vallabh Vidyanagar.

9. IMPORTANT CONTRIBUTIONS

- Attended **Master Resource Person Training Programme** at Nehru Science Centre, Mumbai for celebrations of World Year of Physics, 2005 to help the society for general science awareness.
- **Organized blood donation camps:** (1) ARIBAS, New V. V. Nagar, in 2009, (2) Microbiology Department, Gujarat Vidyapith, in 2015, 2016, 2018, 2019 & 2 camps in 2020. With the help of these camps **we collected more than 300 units and manage to receive needy peoples.**
- **Started study circle** at ARIBAS, New V. V. Nagarto encourage students for developing reading habit and built up their moral character and personality.
- **Prepare and guided** students for various competitive exams and other co-curricular activities.
- Organize and attended five NSS Camps in various villages
- **Member** in Admission committee, hostel committee, discipline committee, study tour committee, annual planer, research and extension committee and purchase committee in our department
- **Coordinator** of electrification work in whole campus of our department.
- **Participated in post relief work at Nepal during 31st May to 18th June 2015.**
- Aware to the students for saving of water and electricity. Also trying to develop concept and awareness by linking Gandhi Vichar and saving of electricity and water with.