

CURRICULUM VITAE



1. PERSONAL DETAILS

Name : Dr.KAUSHIKKUMAR RUGANATHBHAI PATEL
Date of Birth : 18-08-1979
Blood Group : 'O' -Ve
Current Position : Assistant Professor
Permanent Address : Unchisher, Near Aghara gate, Patan. (N.G.) 384 265
(M) 97272 32320, 9427682158
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	23 rd March 2017 to 31 st May 2018	1 Year 2 Months
Assistant Professor	Biogas Research, ShriMahadev Desai GramsevaMahavidyalaya, Gujarat Vidyapith, Sadra	2 nd August 2011 to 22 nd March 2017	5 years 7 Months
Adyapak Sahayak	Arts, Science and A. R. Patel Commerce College, Bhadran	28 th January 2011 to 1 st August 2011	6 Months
Assistant Professor	Ashok & Rita Patel Institute of Biotechnology And Allied Sciences (ARIBAS), New V. V. Nagar	11 th June 2007 to 13 th 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. OTHER RESPONSIBLY

Sr. No.	Name of the Program	Duration	Institution
1	Chief Superintendent	Since 2011	Department of Microbiology, Gujarat Vidyapith
2	NSS Program officer	1-4-2013 to 31-03-2014	Department of Microbiology, Gujarat Vidyapith
3	Exam chief supervisor	1-7-2014 to 31-01-2015	Department of Microbiology, Gujarat Vidyapith
4	NSS Program officer	Since 1 st June 2018	Department of Microbiology, Gujarat Vidyapith
5	I/C Assistant Registrar	Since 29-11-2018	Gujarat Vidyapith, Ahmedabad

5. 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

5.1 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	28	-	-	1	05
International	3	02	34	-	-

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

Degree	Working	Submitted	Completed
M. Phil.	-	-	02
Ph. D.	02	-	01 Guide 02 (Co-guide)

6. REVISED / DESIGN OF CURRICULA / COURSES

Sr. No.	Course	Subject	Year
1	M. Phil.& Ph.D.	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	2019

7. DETAILS OF THE TRAINING PROGRAMMES ATENDED:

Sr. No.	Name of the Program	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 program 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	Research Methodology Workshop on Mathematical methods in chemistry and Physics	16-01-2017 to 22-01-2017 6 day(s)	KCG, AHMEDABAD	-
8	FACULTY DEVELOPMENT PROGRAMME	29-02-2016 to 05-03-2016	KCG, AHMEDABAD	-

9	SHORT TERM COURSE on MOOC	30-09-2019 to 06-10-2019 (7 days)	HRDC, SARDAR PATEL UNIVERISTY	-
10	One week National Online Faculty Development Program on ICT Tools for effective teaching learning	27-04-2020 to 02-05-2020 (6 days)	Swami Ramanand Teerth Marathwada University, Nanded	-
11	Online training program on educational video creation ; e-content development	11-05-2020 to 13-05-2020	Toshniwal Arts, Science & Commerce College, Sengoan, Hingoli	
12	Faculty Development Program on Curriculum Development	19-05-2020 to 26-05-2020 (8 days)	Human Resource Centre, Pune	
13	Faculty Development Program on Evolution from offline to online teaching	30-05-2020 to 03-06-2020 (5 days)	Satish Pradhan Dnyanasadhana College, Thane	
14	Faculty development programme (FDP) on “NAAC accreditation frame work: An overview in respect of new guidelines” (FDP-NAAC2020)	06-07-2020 to 13-07-2020 (8 days)	Research Foundation of India	

8. DETAILS OF THE LECTUR TAKEN IN VARIOUS PROGRAMME:

Sr. No.	Name of the Program	Duration	Organizing Institution	Date & Topic
1	ORIENTATION COURSE અભિમુખતા શિબિર	11-07-2019 to 13-07-2019	Faculty of Science and applied Sciences, Gujarat Vidyapith, Sadra	12-07-2019 Exam Pattern
2	Faculty Development Program	05-05-2020 to 10-05-2020	Toshniwal Arts, Commerce and Science College, Sengaon, Hingoli, Maharashtra	05-05-2020 Role of Individual in institutional Development

9. 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.

10. SOCIAL CONTRIBUTIONS (Organized/participated program)

Sr. No.	Activity	Role	Year & Place	Other detail
1	Blood donation camps	Organizer	2009 ARIBAS, New Vallabh Vidyanagar	55 unit blood collected
			2015 Microbiology Department, Sadra	51 unit blood collected
			2016 Microbiology Department, Sadra	53 unit blood collected
			2019 Microbiology Department, Sadra	51 unit blood collected
			2020 At Aniyod, during NSS Shibir	38 unit blood collected
			2020 Microbiology Department, Sadra	61 unit blood collected
2	Post relief work in earth quark at Nepal	Participate	31-05-2015 to 18-06-2015 Nepal	
4	NSS CAMP	Organizer and participate	January 2013	Sadra (Gandhi Katha)
			January 2014	Mahundra
			September 2015	Naroli
			January 2019	Kalyanpura
			January 2020	Aniyod
5	State level seminar on Environment conservation	Organizer	28 th February 2020	400 participants

Other Activities

- Attended **Master Resource Person Training Program** at Nehru Science Centre, Mumbai for celebrations of World Year of Physics, 2005 to help the society for general science awareness.
- **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.
- 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.

List of Publications

Sr. No.	Title and Authors	Journal	ISSN No.& UGC J. No.	Publishing year	Volume & Issue	Page No.
1	Optical and electrical properties of ZrSe ₃ single crystals grown by chemical vapour transport technique Kaushik Patel , Jagdish Prajapati, Rajiv Vaidya and S. G. Patel	Bulletin of Materials Science	0250-4707 9568	2005	28(5)	405-410
2	Study of Optical and electrical properties for ZrS ₃ single crystals Kaushik Patel , Jagdish Prajapati, Rajiv Vaidya and S. G. Patel	Indian Journal of Physics	0974-9845 20848	2005	79 (4)	373-376
3	Growth and characterization of NbS _x Se _{2-x} single crystals Mehul Dave, K.R. Patel , Rajiv Vaidya and S.G. Patel	Indian Journal of Physics	0974-9845 20848	2006	80 (8)	797
4	Infrared spectroscopy of the iodine inclusion compounds of three (α , β and γ)- cyclodextrins Mukesh Patel, Mehul Dave, K. R. Patel , S. G. Patel and A. T. Oza	'Prajna' Journal of Pure and Applied sciences	2250-0901 48557	2006	14	117
5	Microstructural analysis of zirconium triselenide single crystals Kaushik Patel , Rajiv Vaidya and S. G. Patel	Indian Journal of Pure and Applied Physics	0975-1041 20866	2007	45	514
6	Growth and characterizations of TaSe ₂ single crystals grown by chemical vapour transport technique. A. J. Patel, K. R. Patel , Rajiv Vaidya, A. R. Jani and S. G. Patel	'Prajna' Journal of Pure and Applied sciences	2250-0901 48557	2007	15	98

7	Infrared spectra of charge transfer complexes of bis(N-H-salicylaldiminato)Cu ^{II} J. H. Prajapati, K. R. Patel , M S Dave, R. D. Vaidya, S. G. Patel and A.T. Oza	Indian Journal of Chem. Society	0019-4522 11061	2007	84	750
8	Crystal growth and structural analysis of zirconium sulphoselenide single crystals K R Patel , R D Vaidya, M S Dave and S G Patel	Bulletin of Material Science	0250-4707 9568	2008	31 (4)	645-654
9	Growth and high pressure studies of zirconium sulphoselenide single crystals K R Patel , R D Vaidya, M S Dave and S G Patel	Pramna Journal of Physics	0304-4289 38326	2009	73 (5)	945
10	Crystal structure and band gap measurements of vanadium diselenide single crystals. K R Patel , R D Vaidya, M S Dave and S G Patel	Scientia Acta Xaveriana	0976-1152	2010	1(1)	1-5
11	Thermoelectric Power Measurements of Zirconium Sulphoselenide Single Crystals Kaushik Patel	International Journal of Physics and Mathematical Sciences	2277-2111	2012	2(1)	74-85
12	Growth and characterizations of WSe ₂ single crystals. P. R. Patel, Kaushik R. Patel and V. M. Pathak	Journal of advances in Developmental Research	0976-4704	2012	3(1)	127-132
13	Structural characterizations of NbS ₂ single crystals M. S. Dave, K. R. Patel and R. D. Vaidya	International Journal of Physics and Mathematical Sciences	2277-2111	2012	2(3)	47-51

14	Structural Characterization of Tungsten Diselenide Single Crystal C A Patel, Kaushik R Patel and K D Patel	International Journal of Physics and Mathematical Sciences	2277-2111	2012	2(4)	17-26
15	Anisotropic Behaviour of zirconium sulphoselenide single crystals Kaushik R. Patel	International Journal of Applied Physics (IJAP)	0973-1776	2013	3(1)	1-9
16	Structural and optical properties of vanadium disulphide single crystals. Kaushik R Patel	International Journal of Physics and Mathematical Sciences	2277-2111	2013	3(3)	74-80
17	Optical properties of NbS _x Se _{2-x} single crystals Mehul Dave, Kaushik R. Patel and Rajiv Vaidya	International Journal of Physics and Mathematical Sciences	2277-2111	2013	3(4)	119-126
18	Fermentative Production of Alcohol from Madhuca indica Flower and its Cake by Kluyveromyces marxianus Kinjal P. Prajapati*, Prateek Shilpkar, Mayur C. Shah and Kaushik R. Patel	Journal of Pure and Applied Microbiology	0973-7510 19449	2013	7(4)	3243-3246
19	Optical Analysis of Zirconium Sulphoselenide Single Crystals Kaushik R. Patel	International Journal of Physics and Mathematical Sciences	2277-2111	2014	4(4)	100-110

21	Optical Analysis of WSe ₂ Single Crystals C. A. Patel, Kaushik R. Patel and K. D. Patel	International Journal of Physics and Applications.	0974-3103	2014	6(2)	115-130
21	Growth, characterizations and high pressure studies of niobium disulphide single crystals M. S. Dave, K. R. Patel and R. D. Vadiya	Indian Journal of Applied Research	2249-555X 49333	2015	5(5)	726-728
22	Influence of Pre-sowing magnetic treatment on the germination and growth of (Abelmoschus esculentus) seeds R. D. Vaidya, Kaushik R. Patel and Dipak Bokha	Vidyapith	0976-5794	2015	4	110-119
23	Synthesis and structural analysis of NbSe ₂ single crystals Kaushik R Patel and Duhita Lakhataria	International Journal of Physics and Mathematical Sciences	2277-2111	2016	6(1)	11-16
24	Spectral analysis of ZrSe ₃ single crystals Kaushik R. Patel , Anjana Chaudhari and Rajiv Vaidya	International Journal of Physics and Mathematical Sciences	2277-2111	2016	6(1)	37-46
25	Optical properties of Sn _{0.5} Se _{2.5} single crystals Kaushik R Patel , Duhita Lakhataria and M. P. Deshpande	Indian Journal of Applied Research	2249-555X 49333	2016	6(3)	465-467
26	Growth and characterizations of Sn _{0.5} Se _{2.5} single crystals Kaushik R Patel and Duhita Lakhataria	International Journal of Physics and Applications	0974-3103	2016	8(1)	15-23

27	Structural property measurements of Vanadium Ditelluride single crystals grown by CVT technique Kaushik R. Patel	Indian Journal of Applied Research	2249-555X 49333	2016	6(4)	570-572
28	Crystal growth and structural analysis of ZrS_xSe_{2-x} single crystals Kaushik Patel and H. A. Patel	Indian Journal of Applied Research	2249-555X 49333	2017	7(7)	417-419
29	Effect of sound treatment on germination and growth of plant seeds Rajiv D. Vaidya, Kaushik Patel , Mehul S. Dave and Devendra B Vanol	International Journal of Research in Modern Engineering and emerging technology	2320-6586 47203	2017	5(9)	626-632
30	Study of Pre-sowing magnetic treatment on the germination, growth and yield of OKRA (<i>Abelmoschus esculentus</i>) and CHILLI (<i>Capsicum annuml</i>) seeds Rajiv Vaidya, Dipak Bokha and K. R. Patel	Indian Journal of Applied Research	2249-555X 49333	2017	7(12)	610-612
31	Electrical properties of Niobium Diselenide single crystals Duhita Lakhataria, Rajiv Vaidya and Kaushik R. Patel	Indian Journal of Applied Research	2249-555X 49333	2018	8(03)	298-300
32	Electrical Properties of Zirconium Sulphoselenide Single Crystals Kaushik R. Patel , Rajiv D. Vaidya and Duhita Lakhataria	Review of Research	2249-894X 48514	2019	1(1)	27-30

33	Growth and Characterizations of Vanadium Diselenide Single Crystal Bhavika Modi and K. R. Patel	Review of Research	2249-894X 48514	2019	1(1)	36-41
34	Study on Optical Properties Of NbSe ₂ Single Crystals K. R. Patel , Duhita Lakhataria, R. D. Vaidya , A. J. Patel	Review of Research	2249-894X 48514	2019	1(1)	76-80

LIST OF PUBLISHED BOOKS IN INTERNATIONAL PUBLICATIONS

Sr. No.	Title	Publisher	ISBN	YEAR	No. of Pages
1	Properties of Zirconium Sulphoselenide single crystals	Scholar Press, Germany	978-3-639-71647-4	2014	260
2	Properties of Tungsten Diselenide single crystals	Scholar Press, Germany	978-3-639-66964-0	2015	250

Review Article

Sr. No.	Title and Authors	Symposia/seminar/ Conference	Publishing year	Volume & Issue	Page No.
1	Smart Biosensor K R Patel and R D Vaidya	IAPT Bulletin	2010	2(2)	41

List of Publications in Proceeding

Sr. No.	Title and Authors	Symposia/seminar/ Conference	Publishing year	Volume & Issue	Page No.
1	Electrical properties of ZrS _x Se _{3-x} (x=0,0.5and 3) single crystals grown by iodine transport method	DAE Solid state Physics	2003	46	779

	Kaushik Patel , Jagdish Prajapati, Rajiv Vaidya and S. G. Patel				
2	Microstructural studies of Zirconium Triselenide single crystals Kaushik Patel , Rajiv Vaidya, Jagdish Prajapati and S. G. Patel	DAE Solid state Physics	2004	49	955
3	Study of pressure effect on resistance of MSe_2 (M= Nb, Mo and W) single crystals Rajiv Vaidya, Kaushik Patel and S. G. Patel	DAE Solid state Physics	2004	49	967
4	Electrical and thermal studies of rhenium intercalated, doped tungsten diselenide single crystals J.B. Patel, K. R. Patel , M. N. Parmar, G. K. Solanki and M. P. Deshpande	DAE Solid state Physics	2005	50	923
5	Thermoelectric power measurements of Niobium Diselenide single crystals Duhita Lakhataria and Kaushik Patel	International science symposium 2017	2017	97881933 47553	174- 179

List of paper presented State/National/International level conferences/seminar

1. Electrical properties of ZrS_xSe_{3-x} ($x=0,0.5$ and 3) single crystals grown by iodine transport method
Kaushik Patel, Jagdish Prajapati, Rajiv Vaidya and S. G. Patel
Proceedings of the DAE Solid State Physics Symposium **46** (2003) 779
2. **Hall effect measurement of $ZrSe_3$ and $ZrS_{0.5}Se_{2.5}$ single crystals grown by chemical vapour transport technique.**
Kaushik Patel, Jagdish Prajapati, Rajiv Vaidya and S. G. Patel
XXXIII National Seminar on Crystallography at Pune during 8th-10th January 2004
3. Microstructural studies of Zirconium Triselenide single crystals
Kaushik Patel, Rajiv Vaidya, Jagdish Prajapati and S. G. Patel
Proceedings of the DAE Solid State Physics Symposium **49** (2004) 955
4. Study of pressure effect on resistant of MSe_2 ($M= Nb, Mo$ and W) single crystals
Rajiv Vaidya, **Kaushik Patel** and S. G. Patel
Proceedings of the DAE Solid State Physics Symposium **49** (2004) 967
5. Optical properties of ZrS_xSe_{3-x} ($x=0,0.5$ and 3) single crystals grown by iodine transport method
Kaushik Patel, Jagdish Prajapati, Rajiv Vaidya and S. G. Patel
Proceeding of the National Conference on Material and their application at Kurukshetra during 22nd - 25th February 2004
6. **Optical and electrical properties of ZrS_3 single crystals grown by chemical vapour transport technique**
Kaushik Patel, Jagdish Prajapati, Rajiv Vaidya and S. G. Patel
National Conference on Advanced Materials and Technology NCAMT at Amritsar during 22-25 September 2004
7. Microstructural analysis of ZrS_3 single crystals grown by CVT method
Kaushik Patel and S. G. Patel
34th National seminar on crystallography at Gauhati during 10-12 January 2005
8. Electrical and thermal studies of rhenium intercalated, doped tungsten diselenide single crystals
J. B. Patel, **K. R. Patel**, M. N. Parmar, G. K. Solanki and M. P. Deshpande
Proceedings of the DAE Solid State Physics Symposium **50** (2005) 923
9. Optical properties of ZrS_2Se and $ZrSSe_2$ single crystals
Kaushik Patel and S. G. Patel
Materials research society of India at Pune during 10-12 February, 2005
10. Effect of high pressure on electric and optical properties of the zirconium sulphoselenide single crystals
A. J. Patel, **K. R. Patel**, and S. G. Patel
Gujarat Science congress -2006 at Ahmedabad on 26th March, 2006
11. New design of experimental setup of Bridgman technique for synthesis of

- crystals
N. N. Pandya, **K. R. Patel**, M. P. Deshpande and G. K. Solanki
Gujarat Science Congress- 2006 at Ahmedabad on 26th March, 2006
12. Crystal growth and structural analysis of zirconium sulphoselenide single crystals
K R. Patel, J. H. Prajapati, R. D. Vaidya, M. S. Dave and S. G. Patel
National Symposium on Semiconducting Materials and Recent Technologies at Agra during 13-14 October 2006
 13. Anisotropic behaviour of semiconducting zirconium trisulphoselenide single crystals
A. J. Patel, **K R. Patel**, R. D. Vaidya, M. S. Dave and S. G. Patel
National Symposium on Semiconducting Materials and Recent Technologies at Agra during 13-14 October, 2006
 14. Smart biosensors
K. R. Patel & Rajiv Vaidya
State level seminar on “Physics educations and research; the changing scenario”
At Talod, during 25th -26th September 2009.
 15. Growth and Characterizations of zirconium sulphoselenide single crystals.
Kaushik Patel
3rd National Conference on Condensed Matter and Materials Physics (CMMP-2012) At Vallabh Vidyanagar during 3rd – 5th March 2012
 16. Optical properties of zirconium sulphoselenide single crystals
Kaushik Patel
Current trend in Research & Applications of Physical Sciences in Gujarat At Vallabh Vidyanagar during 29th December, 2012
 17. Growth & characterizations of VTe₂ single crystals
Kaushik Patel
UGC sponsored one day seminar on condensed matter physics (CMP2014) At Vallabh Vidyanagar during 3rd March, 2014
 18. Optical analysis of ZrSe₃ single crystals
Kaushik Patel
National seminar on Crystallography (NSC43B) & National workshop on CADD
1-3 September 2014 At Vallabh Vidyanagar during 1-3rd September, 2014
 19. Study of optical properties of ZrS_xSe_{3-x} single crystals grown by CVT
K R Patel & Rajiv Vaidya
UGC Sponsored National Conference on “Latest Developments in Basic and Applied Sciences” (LDBAS) at M. B. Patel Science College, Anand during 10th January 2015
 20. Study on effect of pre-sowing magnetic treatment on the germination and growth of OKRA and CHILLI seeds
K R Patel, R. D. Vaidya, M. S. Dave and Dipak Bokha
International conference on Recent Trend in Applied Sciences: Building the institutional and industrial avenues (ICRTAS-2015) at Shri Alpesh N. Patel Post Graduate Institute, Anand during 10th -12th December 2015.

21. X-ray diffraction analysis of vanadium ditelluride single crystals.
Kaushik R. Patel, R. D. Vaidya and M. S. Dave
UGC Sponsored two days National Seminar on “Chemical Sciences in Present Scenario CPIPS -2016 at V.P. & R.P.T.P. Science College, Vallabh Vidyanagar during 8-9th January 2016.
22. Optical Analysis of ZrS₃ single crystals grown by CVT
Kaushik R. Patel and R. D. Vaidya
International conference on functional Oxides and Nano materials-2016 at Saurashtra University during 11-13th November 2016
23. Optical Properties of Niobium Diselenide Single Crystals
Duhita Lakhataria and K. R. Patel
International conference on functional Oxides and Nano materials-2016 at Saurashtra University during 11-13th November 2016
24. Electrical properties of Zirconium disulphoselenide single crystals
Kaushik R. Patel
Internal conference on Recent innovation in Science and workshop on spectroscopy and its perspectives at Muncipal Arts and Urban Science College, Mahesana during 15-16th September, 2017
25. Electrical properties of Niobium diselenide single crystals
Duhita Lakhataria and K. R. Patel
Internal conference on Recent innovation in Science and workshop on spectroscopy and its perspectives at Muncipal Arts and Urban Science College, Mahesana during 15-16th September, 2017
26. Synthesis and structural analysis of NbSe₂ single crystals
Kaushik R Patel and Bhavika Modi
Internal conference on Recent innovation in Science and workshop on spectroscopy and its perspectives at Muncipal Arts and Urban Science College, Mahesana during 15-16th September, 2017
27. Structural analysis of Niobium Sulphoselenide single crystals
M. S. Dave¹, R. D. Vaidya² and K. R. Patel^{3*}
Internal conference on Recent innovation in Science and workshop on spectroscopy and its perspectives at Muncipal Arts and Urban Science College, Mahesana during 15-16th September, 2017
28. Electronic Transport Properties Of Wse₂ Single Crystal
C. A. Patel and Kaushik R Patel
National conference on Recent innovation in Science and workshop on spectroscopy and its perspectives at Muncipal Arts and Urban Science College, Mahesana during 15-16th September, 2017

List of Attended National/International workshop

29. International Workshop on Nanostructured High Temperature High performance materials
At Sardar Patel University, Vallabh Vidyanagar on 10th September, 2007
30. Short term school on X-ray diffraction techniques
At Department of Physics, Sardar Patel University, Vallabh Vidyanagar During 3rd March 2014 to 8th March 2014.

List of Attended National Seminar

31. 'Nanoways' A National Seminar on Nanotechnology Today & Tomorrow
At Nirma University, Ahmedabad on 19th January, 2009
32. National Symposium on Biotechnology Led Paradigm Shift 2010 at Ashok and Rita Patel Institute of Integrated Study & Research in Biotechnology and Allied Sciences, New Vallabh Vidyanagar during 24th January 2010.

List of Attended Webinar

1. 'Converting Calamity to Opportunity' Organized by i-Hub, Gujarat on 29th May 2020
2. 'Digital Humanities' Organized by Trimurty Shikshan Sansthan, Dhule, Maharashtra on 30th May 2020
3. 'Presentation of Ramayana and Mahabharata' Organized by Hakorshri Mulvaji Arts College, Kotdasangani & Rts and comm. College, babra during 26th -27th May 2020
4. 'Five days lecture serieswebinar Organized by Gandhi Study Circle, Ramlal Anand College, University of Delhi during 19th -23rd May 2020
5. 'Role of NSS in Nation Building Amid COVID-19 Pandemic Organized by NSS Cell, UP during 30th -31st May 2020
6. National webinar on 'Let's overcome Corona Crisis with positivity' Organized by Dadasaheb Digambar Shankar Patil Arts, Commerce & Science College, Erandol, Dist. Jalgaon (MS)during 18th -19th May 2020.
7. State level webinar on 'Pandemic and Environment' Organized by Mahadev Desai Gram Seva Mahavidyalay, Sadra on 5th June 2020.

8. 'Academic ethics and plagiarism' Organized by APTI on 19th May 2020.
9. National Yoga webinar on 'Health through Indian Traditional Knowledge' organized by Department of Yoga and IQAC, Gujarat Vidyapith, Ahmadabad on 21st June 2020.
10. Webinar on 'भारतीय संस्कृति एवं हमारी जीवन शैली' organized by Shree Somnath Sanskrit University, Somnath on 9th May 2020.
11. National webinar on 'Every Child: A Probability, Every Parent: Teacher' Organized by Children University, Gandhinagar, on 5th June, 2020.
12. National webinar on 'Art of Parenting and Child Care' Organized by Children University, Gandhinagar, on 19th May, 2020.
13. One Day National Webinar on 'Changes in Higher Education & Role of NAAC: Post Covid-19' organized by Internal Quality Assurance Cell (IQAC), Punyashlok Ahilyadevi Holkar Solapur University, Solapur (MS) on June 10th, 2020