


# CURRICULUM VITAE

	<p><b>Dr. VIVEK PANDEY</b>                  Professor (Chemistry)                  Department of Humanities, English &amp; Applied Sciences                  University Departments                  Rajasthan Technical University, Kota, INDIA-324010                  Email: <a href="mailto:vpandey@rtu.ac.in">vpandey@rtu.ac.in</a> ; Mob.: +91-9414444161</p>	
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## Educational Qualification

Qualification	Institute Name	Completion Date
Ph.D.	Banaras Hindu University, Varanasi	1992
M.Sc.	University of Ajmer, Ajmer	1988
B.Sc.	University of Rajasthan, Jaipur	1986
12 <sup>th</sup>	Kendriya Vidhyalaya, Kota	1984
10 <sup>th</sup>	Kendriya Vidhyalaya, Kota	1982

## Awards and Recognitions

1.	CSIR Sponsored Senior Research Fellowship on Electrochemical Sensors-SRF in 1992.
2.	Life Member of the Indian Society for Training & Development, New Delhi.

## Responsibilities Held

1	Presently, Member of Board of Management (BOM) of RTU, Kota
2	Presently, Dean of Applied Sciences of RTU, Kota
3	Presently, Member of Academic Council of UD, RTU, Kota
4	Presently, Head of Department of HEAS, UD, RTU, Kota
5	Member of Academic Council of RTU, Kota
6	Dean Academic Affairs.
7	Associate Dean Academic Affairs.
8	Registrar of RTU, Kota from 21-07-2015 to 28-10-2015
9	Deputy Director, Director Academics Office of RTU, Kota
10	Member of Board of Studies of Biotechnology, food Technology and Chemical Technology of RTU, Kota
11	HVC nominee DRC Civil Engineering Department of RTU, Kota
12	Member of Library Committee
13	Member of Games and Sports Committee
14	Coordinator of National Conference on Environmental pollution and its Control (EPIC-06) at Engineering College Kota on 25 <sup>th</sup> & 26 <sup>th</sup> March, 2006.
15	Deputy Registrar, University College of Engineering, RTU (24-07-2007 to 04-02-2011).
16	Purchase Officer UCE, RTU 31-03-06 to Jan. 2007

## Conference/Workshop/FDP organized

1.	RTU Coordinator for TEQIP-III RTU(ATU) sponsored Student's Workshop (Remedial Classes) for Engineering Chemistry from 18 to 22 January, 2021 organised by Swami Keshavanand Institute of Technology, Management & Gramothan Ramnagar, Jaipur.
2.	Event Coordinator for TEQIP-III RTU(ATU) sponsored 3 days (6 to 8 September, 2019) FDP on "Application of Scientific Tools & Techniques in Research" at BKBIET, Pilani
3.	Event Coordinator for TEQIP-III RTU (ATU) sponsored 5 days (17 to 21 June, 2019) FDP on "Hands-on Practice on AR-VR Technologies" at Geetanjali Institute of Technical Studies, Udaipur.
4.	Coordinator National Conference on "Environmental pollution and its Control (EPIC-06)" at Engineering College Kota on 25th & 26 <sup>th</sup> March, 2006.

## Workshops/Summer School/FDP attended

1.	Online workshop on Universal Human Value on the theme Inculcating Universal Human Values in Technical Education organized by All India Council for Technical Education (AICTE), during October 12-16, 2020.
2.	Faculty development programme on Applications of Optimization Techniques in Science and Engineering organized by Rajasthan Technical University, Kota & B K Birla Institute of Engineering & Technology, Pilani (Rajasthan), during August 23-27, 2020.
3.	Faculty development program on Manufacturing and Recyclization of Engineering Materials Cement, Glass and Ceramics (Self-reliant India) (MRCGC2020) organized by Rajasthan Technical University, Kota & Swami Keshavanand Institute of Technology, Management & Gramothan Ramnagar, Jaipur, during August 10-14, 2020.
4.	Faculty development program on Network Security from 20 to 24 May, 2019 organised by ministry of Electronics and Information Technology (Meit Y), Government of India.
5.	Faculty development programme on Preparation for NBA Accreditation from 03 to 05 July, 2019 at Rajasthan Technical University, Kota.
6.	Workshop on Outcome Based Education on 20 & 21 March, 2018 at Rajasthan Technical University, Kota
7.	Workshop on Academic Ethics and Integrity on 16 November, 2017 at Rajasthan Technical University, Kota
8.	Short Term Course on Interventions for Effective Industry-Institute Partnership through ICT from 24 to 28 April, 2017 organised by NITTTR Chandigarh at Rajasthan Technical University, Kota.
9.	Chairperson in National Conference on Sustainable Chemical & Material Sciences on 5 & 6 August, 2016 at S.S. Jain Subodh P.G. College, Jaipur
10.	Short Term Course on Operational of NSQF, Community Colleges Scheme and other Skill Development Schemes of GOI through ICT from 24 to 29 May, 2015 organised by NITTTR Chandigarh.
11.	National workshop on Advances in Geotechnical Engineering & Practices on 14 <sup>th</sup> & 15 <sup>th</sup> March, 2015 at Rajasthan Technical University, Kota
12.	National Conference on Materials and their Energy Applications on 22 <sup>nd</sup> to 24 <sup>th</sup> December, 2014 at S.S. Jain Subodh P.G. College, Jaipur
13.	Faculty Development Program on Entrepreneurship Applications from 09 <sup>th</sup> to 20 <sup>th</sup> September, 2013 organized by MNIT, Jaipur held at Maharshi Arvind International Institute of technology, Kota.
14.	Short Term Course on Optimization Techniques for Engineering Applications (OTEA-2013) from 08 <sup>th</sup> to 12 <sup>th</sup> May, 2013 organised at Rajasthan Technical University, Kota.

15.	Short Term Course on Cloud Computing & its Application in Engineering and Sciences (CCACS-2013) from 20 <sup>th</sup> to 24 <sup>th</sup> April, 2013 organised at Rajasthan Technical University, Kota.
16.	International Conference on Emerging Trends in Chemical Sciences (ICETCS 2013) on 14 <sup>th</sup> & 15 <sup>th</sup> March, 2013 at School of Chemical Sciences, Central University of Gujarat, Gandhinagar.
17.	Invited speaker in the National Conference on Green Technology organised by Global Institute of Technology, Jaipur held on 28 <sup>th</sup> & 29 <sup>th</sup> march, 2012.
18.	National Conference on Environmental conservation and Management for Sustainable era (ECMSE-2012) held 20 <sup>th</sup> to 22 <sup>nd</sup> December, 2012 at S.S. Jain Subodh P.G. College, Jaipur
19.	National Conference on Recent Trends in Microwave Techniques and Applications on 30 <sup>th</sup> July to 01st August, 2012 at S.S. Jain Subodh P.G. College, Jaipur
20.	National Conference on Climatic Changes and Sustainable Development 25-26 February 2011 at Rajasthan Institute of Engineering & Technology, Jaipur
21.	National Seminar on Sustainable Management and Conservation of Water Resources 12-13 March 2010 University College of Engineering, Rajasthan Technical University, Kota
22.	National Conference on Environmental Health Hazards-2009 17 -18 December 2009 at Govt. JDB Girls College Kota
23.	International Conference on Emerging Issues an Global Scenario 21-24 August 2009 at Aishwarya College, Udaipur, India
24.	Challenges for Civil Engineers Towards Development of the Nation 22-12-2008 to 03-01-2009 at University College of Engineering, Rajasthan Technical University, Kota
25.	International Conference on Recent Advances in Microwave Theory and Applications 21-24 November 2008 at Rajasthan University, Jaipur
26.	National Seminar on Environmental Pollution : A Scientific Approach 21-23 December 2006 at S.S. Jain Subodh P.G. College, Jaipur
27.	National Conference on Recent Advances in the field of Applied Chemistry 02-03 December 2006 at Govt. JDB Girls College Kota
28.	Multi Function Approach for Technical Teachers in New Millennium. 19-06-2006 to 01-07-2006 at Engineering College Kota
29.	National Conference on Environmental Pollution Control for Sustainable Development 27-28 March 2006 at Engineering College Kota
30.	Advances in Cement and Concrete 28-11-2005 to 30-11-2005 at Engineering College Kota
31.	Industry Institute Interaction 12-09-2005 to 16-09-2005 at Engineering College Kota
32.	Acquiring ISO 9001: 2000 in Technical Institutions 27-06-2005 to 01-07-2005 at NITTTR, Chandigarh
33.	Renewable Energy based Technologies 06-06-2005 to 10-06-2005 at NITTTR, Chandigarh
34.	Finite Element Techniques: Fundamentals, Implementation and applications 20-12-2004 to 25-12-2004 at Engineering College Kota
35.	National seminar on chemical aspects of challenges for environment in the new millennium 15-12-2001 to 16-12-2001 at Government College Kota
36.	Industry Institute Interaction 05-11-2001 to 09-11-2001 at TTTI, Chandigarh
37.	Orientation Program of IGNOU for open learning system 23-10-2001 at IGNOU study center 2329.
38.	Renewable Energy Resources for Environmental protection and Sustainable Development 26-06-2000 to 06-07-2000 at Engineering College Kota

39.	Recent Trends in IC Engines, Alternate Fuels & Pollution Control 20-12-1999 to 01-01-2000 at MREC, Jaipur
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### **Research Publications**

1.	Pandey P.C., Pandey V & Mehta S, Amperimetric enzyme electrode for lactate based on graphite paste modified with tetracyanoquinodimethane, Biosensors Bioelectronics, 9(1994)365
2.	Pandey P.C., Kayastha A.M. & Pandey Vivek, Amperimetric enzyme sensor for glucose based on graphite paste modified electrodes, Applied Biochemistry & Biotechnology, 33(2)(1992)139
3.	Pandey P.C. & Pandey Vivek, Urease purification from the seeds of cajanus-cajan and its application in biosensors construction, Applied Biochemistry & Biotechnology,31(2)(1991)247-252.
4.	Pandey P.C., Pandey Vivek, Tran-Minh C & Lantreibecq F, A new sensor for the analysis of urea in human serum, Indian Journal of Technology, 30(1992)404-408.
5.	Pandey P.C. & Pandey Vivek, Ion-selective electrode based on dinitrophenyl-alanine conjugate, Indian Journal of Chemistry, 31A(1992)639-641
6.	Pandey P.C., Pandey V & Mehta S, Construction of glucose sensor based on graphite paste modified with tetracyanoquinodimethane, Indian Journal of Chemistry, 32A(1993)667-672
7.	Pandey P.C., Pandey V & Mehta S, An amperimetric sensor for L-ascorbic acid based on graphite paste electrode, Indian Journal of Chemistry, 32A(1993)701-703
8.	Vivek Pandey & R K Yadav, Polymer Membrane Ion-Selective Electrode (PMISE) Based On 2,4-Dinitrophenyl-b-Naphthylamine Conjugate, Bulletin of Environment, Pharmacology & Life Sciences; Volume1(2),2012, 39-42
9.	R K Yadav, S Sharma, M Bansal, A Singh, Vivek Pandey & R Maheswari, Effects of fluoride accumulation on growth of vegetables and crops in Dausa District, Rajasthan, India, Advances in Bioresearch; Volume 3(4), 2102,14-16
10.	R K Yadav, S Sharma, Y Saini, R Gautam, A Singh & Vivek Pandey, Correlation of Physico-Chemical analysis of ground water of Jaipur city (Rajasthan, India); Vol.3(4)2012:923-924
11.	R K Yadav, S Sharma, R Maheswari, B Rani & Vivek Pandey, Climate Change and Ecopoliticsin India, The Ecotech; Volume 4(2)2012:149-151

### **Papers presented in International / National Conference**

1.	Pramod Kumar Nagar, Ranjan Maheswari & Vivek Pandey, An Approach of ion Selective Electrode for Human body, Cells and Biomedical Researches, ICMETE( International Conferenceon Micro-Electronics & Telecommunication Engineering), 2016 Proceeding by IEEE at SRM University, Ghaziabad.
2.	Vivek Pandey, Anil Kumar & Aditya Pandey, Impacts of climate change on water resources, National conference on Green Technology at Global Institute of Technology, Jaipur on 28-29 March, 2012.
3.	Vivek Pandey, Ground Water Contaminations & Its Preventions, National Seminar on Sustainable Management and Conservation of Water Resources held at University College of Engineering, Rajasthan Technical University, Kota from 12-13 March 2010

4.	Vivek Pandey Anil Kumar Global Warming National Conference on Climatic Changes and Sustainable Development held at Rajasthan Institute of Engineering & Technology, Jaipur from 25-26 February 2011
5.	Vivek Pandey Ground Water Contaminations & Its Preventions National Seminar on Sustainable Management and Conservation of Water Resources held at University College of Engineering, Rajasthan Technical University, Kota from 12-13 March 2010
6.	Vivek Pandey, Solid Waste Management to Control Environmental Pollution, National Conference on Environmental Health Hazards-2009 held at Govt. J.D.B. Girls College, Kota from 17 -18 December 2009
7.	Vivek Pandey Solid Waste Management to Control Environmental Pollution National Conference on Environmental Health Hazards-2009 held at Govt. J.D.B. Girls College, Kota from 17 -18 December 2009
8.	Vivek Pandey Anil Kumar R P Tripathi International Conference on Emerging Issues an Global Scenario held at Aishwarya College, Udaipur from 21-24 August 2009
9.	Shiv Lal, Dr. Anil Kumar, Dr. Vivek Pandey New Technological Effluent Treatment Plant is next source of recycling Waste water in Automobile Workshops. National Seminar on Environmental Pollution : A Scientific Approach held at S.S. Jain Subodh P.G. College, Jaipur from 21-23 December 2006
10.	Dr. Vivek Pandey TCNQ as mediator in Electrochemical Sensors National Seminar on Recent advances in the field of applied Chemistry held at Govt. J.D.B. Girls College, Kota on 2 <sup>nd</sup> & 3 <sup>rd</sup> December, 2006.
11.	Dr. Anil K Mathur, Dr. Vivek Pandey & Dr. A.K. Dwivedi, Indoor Air Pollution, in National Conference on Environmental pollution Control for Sustainable development and its control held at Engineering college Kota on 27 <sup>th</sup> & 28 <sup>th</sup> March, 2006.
12.	Dr. Anil K Mathur & Dr. Vivek Pandey Biosensors for Environmental Monitoring in National Conference on Environmental pollution and its control held at Engineering College Kota on 25 <sup>th</sup> & 26 <sup>th</sup> March, 2006.
13.	Anil K Mathur & Dr. Vivek Pandey Study of Chemical Interactions of Ground Water and Surface Water Chemical aspects of challenges for environment in the new millennium. held at Govt. College Kota on 15 <sup>th</sup> & 16 <sup>th</sup> Dec., 2001
14.	Vibhav Chaturvedi & Vivek Pandey Recovery of economic value from polymer waste. Chemical aspects of challenges for environment in the new millennium. held at Govt. College Kota on 15 <sup>th</sup> & 16 <sup>th</sup> Dec., 2001
15.	Vivek Pandey & Vibhav Chaturvedi Polymer modified ion-selective electrode for monitoring the pollutants in the environment. Chemical aspects of challenges for environment in the new millennium held at Govt. College Kota on 15 <sup>th</sup> & 16 <sup>th</sup> Dec., 2001
16.	Saxena M.K. & Pandey Vivek Electrode potential. In STC on biomedical instrumentation at Engineering College Kota from 20-12-1996 to 01-01-1997
17.	Pandey Vivek & Saxena M.K Biosensors as biomedical instrument. In STC on biomedical instrumentation at Engineering College Kota. from 20-12-1996 to 01-01-1997

## Books Published

1.	Chemistry & Environmental Engineering (Co-author) ISBN: 978-81-8444-555-8 Year-2013; Neelkanth Publishers(P) LTD.
2.	Engineering Chemistry (Co-author) ISBN: 978-81-8444-550-3; Year-2012; Neelkanth Publishers(P) LTD.
3.	Environmental Engineering & Disaster Management (Co-author) ISBN: 978-81-8444-337-0; Year-2010; Neelkanth Publishers(P) LTD.