RESUME

Name : Prof. (Dr.) Vishal Pathak

Address : 863, Katra Bazar Shikohabad, Dist. Firozabad (283 135) (U.P.)

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E-mail : vishal.pathak58@gmail.com

Nationality : Indian

Google Scholar : vishal pathak - Google Scholar



Objective:

Professor and now a days **Principal** with over 17 years of teaching experience, a Ph.D. in Chemistry, and a strong foundation in transdisciplinary Chemistry research. Devoted and successful.

Education:

Ph.D. in Chemistry (2002)

Thesis Title: "**Studies of Complexes of Group VI Elements with Nitrogen and Sulphur Containing Ligands**"

M.Sc. in Organic Chemistry (1999) - 78.8% (I Division)

M.Sc. in Inorganic Chemistry (2000) - 68.6% (I Division)

B.Ed. (2001) - 70.2% (I Division)

B.Sc. in Biology (1997) - 84.3% (I Division)

Intermediate in Biology (1994) - 45.0% (II Division)

High School (1992) - 84.5% (I Division)

Teaching Experience:

Assistant Professor - C. L. Jain (P.G.) College, Firozabad (Sep. 2002 - Aug. 2004).

Professor, Head and Principal – Department of Chemistry, Paliwal (P.G.) College, Shikohabad (Feb. 2009 - Present)

Patents:

- Method for Preparing Biodegradable Polycarbonate from Carbon Dioxide and Epoxide. (Publication Date – (U/S 11A) 17/03/2023).
- Process for Producing Hydrogen Peroxide using A Silver Based Catalyst and A Peroxide Stabilizer. (Publication Date – (202311015465 A) 17/03/2023).
- Nanotechnology coated heavy Metal Identification Gloves. Design number :6356181,Grant date : 09 April 2024, Registration Date: 29 March 2024 **International Design Classification : Version : 14-2023, Class: 2 Articles of Clothing and haberdashery , Subclass: 06 Gloves (International).**
- Method for efficiency of nano materials in Solar energy storage appliances system. (Publication Date – U/S 11A) 29.12.2023, Application No. 202311078057 **(National)**

Book Publication:

- Green Sustainable Process for Chemical and Environmental Engineering and Science. (Chapter No. – 03; Ionic liquids as green solvents in the Pharmaceutical Industry) 2021 https://doi.org/10.1016/B978-0-12-821885-3.00002-5
  ISBN- 978-0-12-821885-3 Elsevier
- Killing Environment with Pollution (A Study and Without Boundaries) - 2021 (ACADEMIC GURU PUBLISHING HOUSE) ISBN 978-81-953278-3-6.
- Industrial Waste the Dark Side of Development - 2021.
  (ACADEMIC GURU PUBLISHING HOUSE) ISBN 978-81-953278-4-3.
- Handbook of New Reforms in Education System and Policies (Volume-1) - 2022. (AGPH BOOKS, ACADEMIC GURU PUBLISHING HOUSE).
- Bio-Organic and Materials Chemistry Semester – II According to NEP (Golden Valley Publication) (Hindi & English) 2022.
- Fundamentals of Chemistry Semester – I According to NEP (Golden Valley Publication) (Hindi & English) 2022.
- Chemical Dynamics and Co-ordination Chemistry Semester – III According to NEP (Golden Publication) (Hindi & English) 2022.
- Fundamental Chemistry B.Sc – 1 Semester (Krishna's educational Publishers 2021-2022 978-93-91152-82-6.
- 1St Edition Industrial Waste (the dark side of development) AGPH Books Bhopal M.P. India - 2021.978-81-953278-4-3.
- A Text Book of Organic Synthesis – A Sem – V (Golden Valley Publications) 2024-2025, 978-92907-50-0.
- A Text Book of Quantum Mechanics & Analytical Techniques (Sem IV) (Golden Valley Publications) 2023-2024, 978-81-959942-8-1.
- Rerrangements & Chemistry of Group Elements (Sem – V Paper -2) (Krishna's Publication) 2023-2024,978-81-959942-8-1.
- Quantum Mechanics Analytical & Techniques (Sem –IV) (Krishna's Publication) 2022-2023, 978-81-959942-8-1.
- Rerrangements & Chemistry of Group Elements (Sem – V Paper -2) (Krishna's Publication) 2023-2024,978-81-962578-6-6.
- Medicinal Chemistry (Krishna's Publication) 2021-2022, 978-93-91152-77-2.
- Pollution & Its Impact Upon Flora and Fauna (Akhand Publishing House Delhi) 2021, 978-93-90870-65-3. **(Chapter).**
- Environmental science (A Multidisciplinary Branch) AGPH Books Academic Guru Publishing house 2021, 978-93-91257-10-1. **(Chapter).**
- Emerging Contaminants in Water:A Review of Detection and Remediation Techniques (AGPH Books) 2023, 978-81-19152-91-9 **(Chapter).**

Memberships:

- The Indian Science Congress Association (L 15400).
- Indian Council of Chemists. (LF – 1540).
- Indian Environmental Society (F.I.E.S.).

Awards:

- From Paryavarn Mitra Samiti in 2020.
- Rober's& Ranger's – Rober's Leaders 2014.

Skills:

Teaching and Curriculum Development
Research and Publication
Patents and Intellectual Property
Chemistry Lab Management
Organic Chemistry/ Water Pollution/ Rain Water Harvesting

Publications

Topic	Journal	
Study of the efficiencies of algal species in removing pollutants from sewage water.	Asian J.Chem. ISSN 0970-7077	12(2),404-500, 2000
Study of the quality of the general waters of some villages at ShikohabadDistt.- Firozabad (U.P.) India.	Asian J.Chem. ISSN 0970-7070	12,(2),458-462, 2000
Chemical investigation of oil content in different varieties of groundnut.	Oriental J.Chem. ISSN 0970-020x	16,(3),561-562, 2000
Synthesis and characterization of thioamide bands in Cr. (III) & V (V) complexes with O and N-donor ligands.	Asian J. Chem. ISSN 0970-7077	13,(1),123-127, 2001
Synthesis and spectroscopic investigation of coordination compounds of Mo (VI) with ligands thiourea.	Asian J. Chem. ISSN 0970-7077	13,(2),539-542, 2001
Presents health hazard in glass industries at Firozabad (U.P.).	Asian J. Chem. ISSN 0970-7077	13,(3),1269-1272, 2001
Trace element-A focus on zinc in humans.	Asian J. Chem. ISSN 0970-7077	13,(3),1247-1248, 2001
Curse of Tobacco.	Asian J. Chem. ISSN 0970-7077	14,(2),1094-1096, 2002
Study of Synergistic effects of heavy toxic metals of aquatic plants.	Asian J. Chem. ISSN 0970-7077	14,(2),1094-1096, 2002
Irrigation water and suitability for different crops at Distt-Mainpuri, (U.P.).	Indian Journal of Applied and Pure Biology	17(1),7-11,2002
Characterization of Flavonoids from seed coat Bauhinia racemose.	Asian J. Chem. ISSN 0970-7077	14,(2),1067-1068, 2002
Biochemical investigations of fatty acids of seeds of Leguminaceae family.	Advances in Biological Research	
Toxic effect of cypermethrin on tomato plants.	J. Chemtracks ISSN 0970-239X	4(1-2),1, 2002
Kinetics and mechanism of MnO4 – induced reduction of Hg (II) chloride by Fructose.	Int.J. Chem.Sci. ISSN 0972-768X	1,(2),123-128,2003
Studies on the Kinetics and thermodynamics of adsorption of Cypermethrin (A pesticide) on montmorillonites clays.	Asian J. Chem. ISSN 0970-7077	16,(3-4),1391,2004
Comparative study of the inducing power of the oxidants KMnO4 and K2S2O2 in the reduction of Hg (II) chloride by monosaccharides.	Int. J.Chem.Sci. ISSN 0972-768X	2,(1),57-61,2004
Synthesis and characterization of MMA-STY-AN terpolymer films.	Oriental J.Chem. ISSN 0970-020x	25(4),847,(2009).
Study of bioaccumulation of heavy metals (Pb,Cd and Hg) in presence of each other of aquatic plants.	J.Chemtracks. (ISSN:0973-239X)	12 (1), 61-66, 2010
Magnetic studies in some ferric complexes of heterocyclic Ketoanils.	J. Chemtracks ISSN 0973-239X	11,(2),411,(2009).
Bacteriological study of river water Yamuna from Agra to Etawah.	J. Chemtracks ISSN 0973-239X	11,(2),433,(2009).
Synthesis and characterization of some novel pyrazoline compounds.	J. Chemtracks ISSN 0973-239X	11,(2),469,(2009).
Synthesis, characterization and antimicrobial activity of copolymer films of AA-STY containing polylithium acrylate.	Int. J.Chem.sci. ISSN 0972-768X	7,(4),2639,(2009).
Synthesis, characterization and antimicrobial activity of some pyrazolines.	Int. J. Of Microbiology Research	1,(2),20,(2009).
Synthesis and characterization of some novel Complexes of Iron (III) with Ketoanil Schiff Base.	Asian J. Chem. ISSN0970-7077	22,(3),1773,(2010).

Synthesis, physical and biological studies of metal containing polymer films.	J. Chemtracks ISSN 0973-239X	12,(1),21,(2010).
Mossbauer spectral studies of some Fe(III)-Ketoanil complexes.	Asian J.Chem. ISSN 0970-7077	22,(10),7563, (2010)
Synthesis, Physical properties and characterization of copolymer films of MMA-STY containing polylithium methacrylate.	Acta Ciencia Indica ISSN 0253-733X	Xxxvi, (3), 283, (2010).
Synthesis and characterization of some newly synthesized complexes of transition metal with ketoanil Schiff base.	Oriental J. Chem. ISSN 0970-020x	26,(3), 1649, (2010).
Study of bioaccumulation of heavy metals (Pb, Cd and Hg) in presence of each other by aquatic plants.	J. Chemtracks ISSN 0973-239X	12,(1),61,(2010).
Studies on biochemical composition of groundnut (Arachiahypogaea L.) cultivars: Oil and iodine value.	J. Chemtracks ISSN 0973-239X	8,(4),2643,(2010)
Synthesis and spectral characterization of some bromobenzothiazolopyrazolines.	Int. J. of 4hem.. Res. ISSN 0972-768X	2,(1),55,(2010)
Biochemical characterization of chromate tolerant bacterial strains isolated from tannery effluents.	Journal of Chemistry in Asia ISSN-1861-471X	1,(1),72,(2010).
Synthesis, characterization' and antibacterial activity of some pyrazolines.	J. Chemtracks (ISSN:0973-239X)	12 (1), 177-182.2010
Syanthesis and biological evaluation of some newly synthesized pyrazoles.	Int. J. 4hem.. Sci.	8(3), 2010, 1649-1657
Study of the reaction of chalcone dibromide with phenylthiourea in absence and presence of caustic potash.	Int.J Chem. Sci: ISSn 0972-768X	9(3) 2011,1285-1289
Investigation of proteins on Kbuli, Desi and green desi, chickpea.	Int.J. Chem.Sci ISSN0972-768X	10,(3),1669,(2012)
Studies of bioaccumulation of lead with aquatic plants; Marsilea miruta using spectroscopic methods.	J. Chemtracks ISSN-0973-239X	14,(1),95,(2012)
Biochemical study of seed coat colours on protein contents on grain protein of pigeon pea cultivars.	J. Chemtracks ISSN-0973-239X	14;(2),545,(2012)
Study of Bioaccumulation of Mercury by aquatic plants.	J. Chemtracks ISSN-0973-239X	17 (1),125-128,(2015).
Corrosion Control by Different Green Solution Techniques-An Overview.	International Journal for Research Publication. ISSN-2348-1269	08,08 (2017) 2278-6848.
A Study on Impact of Nano Materials on Environment.	Universal Research Reports (Refereed/Peer Reviewed) ISSN: 2348-5612.	Vol: 04, Issue: 01 (2017).
Global Biodiversity and Conservation.	J. Chemtracks ISSN 0973-239X	20, (1&2), 113-114, (2018).
Toxic effects of Cypermethrin.	J. Chemtracks ISSN 0973-239X	20, (1&2), 103-104, (2018).
Nanotoxicology: A Threat to the Environment and to Mankind.	Universal Research Reports (Refereed/Peer Reviewed) ISSN: 2348-5612.	Vol:05/Issue:01 (2018).
A Study on Impacts and Management of Industrial Waste.	Universal Research Reports (Refereed/Peer Reviewed) ISSN: 2348-5612.	Vol: 05,Issue: 01 (2018).
Nano toxicology: A Threat of the Environment and to Mankind.	Universal Research Reports ISSN 2348-5612	05, (01),219-226(2018)
Toxicity and Environmental Risks of Nano materials: Challenges and Future Needs.	Journal of Advances and Scholarly Researches in Allied Edu. ISSN 2230-7540	16, 05, (2019).2230-7540.
Present Health Hazard in Glass Industries at	International Journal of	Vol: 06, Issue: 02 (II): (2019).

Firozabad, U.P.	Advance and Innovative Research ISSN 2394-7780	
Determination of the Hardness of water from various parts of Uttar Pradesh using Complexometric titration.	J. Chemtracks ISSN 0973-239X	22(1&2)369-372, (2020).
A Study on Environmental Hazards of Health Care Waste.	Journal of the Maharaja Sayajiro Univ. of Baroda. (ISSN: 0025-0422).	Vol: 55, No. 1 (X) (2021).
Climate Change and Public Health.	International Journal of Researches in Biosciences, Agriculture and Technology. (ISSN: 2347-517X).	Issue (18):165-166 June (2021).
Extraction of Caffeine from different tea and effect of its consumption on human health.	International Journal of Researches in Biosciences, Agriculture and Technology. (ISSN: 2347-517X).	Issue (18):167-173 June (2021).
Study of Bioaccumulation of Elements by Aquatic Plants.	Akhand Publication House Delhi (India). ISBN: 978-93-90870-65-3.	Issue 01- 317-324 (2021).
Environmental Impact: Pre and Post Covid-19.	Journal of Management & Entrepreneurship (ISSN:2229-5348) UGC Care Group 1 Journal.	Vol. 16, No. 4 Oct.-Dec. 2022 (55).
Utilizing X-Ray Crystallography for the Synthesis of Organic Compounds : Selenium Dioxide as a key Catalyst.	Samridhi: A Journal of Physical Sciences, Engineering and Technology,	Vol. 14, Issue 4, Print ISSN 2229-7111, Online ISSN 2454-5767 (2022).
Progress in Green Chemistry : Sustainable Appoaches in Organic Synthesis.	Internatioanl Journal for research publication & seminar	Vol. 13,Issue 05, ISSN 2278-6848 October – December 2022 (**Refereed & Peer Reviewed**)
A brief study of green chemistry.	Madhya Pradesh Journal of Social Sciences	Vol.28 No 7, ISSN: 0973-855X July 2023 **(UGC CARE Group 1)**
Green Chemistry with Nano Technology: New Horizons and Challenges.	Industrial Engineering Journal	Vol. 51 Issue 12, No. 3, ISSN: 0970-2555, March 2023 **(UGC Care Group-1, Sr. No. – 155 (Sciences)**.
Contemporary challenges in china – Sri lanka relations : an analysis of economic, Political, and Geostrategic factors	Madhya Pradesh Journal of social sciences Journal of M.P. institute of social science Research , Ujjain	Vol. 22 No2, July – Dec 2023 ISSN 0973-855X **(UGC CARE Group 1)**
Thermogra vimetric analysis of lanthanide alkanotes	Industrial Engineering Journal	Vol. 51 Issue 12 No.3 ISSN: 0970-2555 March 2023 **(UGC CARE Group – 1) Sr. No. – 155 (Sciences).**
Computational studies on reaction Dynamics of atmospheric molecules	International Journal of innovation in science Engineering and Management	Vol. 2 Issue :3 Month September Year: 2023 ISSN: 2583-7117 Published 24-09-2023
Photocatalytic Degradation of Emerging Contaminants in Water	International Journal of innovation in science Engineering and Management	Vol. 03 Issue : 03 Sept 2024 ISSN : 2583-7117 Published 13-09-2024
Green Chemistry and its application	J. Chemtracks	Vol. 28 ISSN: 0973-239X (1&2)19-22, January to December 2026
Medicinal Chemistry :The Science behind Drug Discovery and therapeutic innovation	A Jounralof Popular Science	Vol. 10 ISSN: 2456- 7698 Year 2025

Paper Presentations

Title of the Paper Presented / Invited Lectures	Title of Conference/ Seminar	Organized by	Whether international/National/State/Regional/ College or University level
	International Conference on Recent Advances in Ecvironmental Protection RAEP **(2009)**	Department of Chemistry St. John's College, Agra (INDIA)	St. John's College, Agra India.
Contribution of Chemistry to the Society	**National Seminar** Contribution of Chemistry to the Society **(2009)**	Department of Chemistry D.B.S. College, Kanpur (C.S.J.M. University)	D.B.S. College, Kanpur (C.S.J.M. University)
Recent Aspects of Biological and Medicinal Chemistry	**National Conference on** Recent Aspects of Biological and Medicinal Chemistry **(RABMC – 2010)**	Department of Chemistry Lajpat Rai Post- Graduate College, Sahibabad, Ghaziabad U.P	Lajpat Rai Post- Graduate College, Sahibabad, Ghaziabad U.P
Research Methodology and advancements in chemical Sciences	**National Seminar on** Research Methodology and advancements in chemical Sciences **(2010)**	Department of Chemistry , khandari Dr. Bhim Rao Ambedhar University, Agra.	Khandari Dr. Bhim Rao Ambedhar University, Agra.
Rapid Ground water depletion in Firozabad: Acritical Study	**World Congress for man nad nature** GlobalClimate change & Biodiversity Conservation **(2011)**	Dapartment of Zoology & Environmental science, Gurukula Kangri Vishwavidyalaya, haridwar ,Uttarakhand, (India)	Gurukula Kangri Vishwavidyalaya, haridwar ,Uttarakhand (India)
Indian Council of chemists	**Annual Conference** Indian Council of chemists **(2011)**	Dapartment of Chemistry Osmania University Hyderabad.	Osmania University Hyderabad.
Green technologies for environmental rehabilition	**International Conference on** Green technologies for environmental rehabilition **(GTER- 2012)**	Department of Chemistry Paliwal (P.G.) College, Shikohabad U.P., India	Paliwal (P.G.) College, Shikohabad U.P., India
Research Methodology in Chmistry	**National seminar on** Research Methodology in Chmistry **(2012)**	Department of Chemistry Janta College, Bakewar (Etawah)	Janta College, Bakewar (Etawah)
The Indian Science Congress Association	The Indian Science Congress Association **(2012)**	Department of Chemical Science KIIT University Bhubaneswar	KIIT University, Bhubaneswar
Global Change : Impact on Biodiversity , Culture & Technology	IInd World Congress for man & nature **(2012)**	Department of Chemistry Sevadal Mahila Mahavidyalaya Sakkardar Square, Umrer Road Nagpur.	Sevadal Mahila Mahavidyalaya Sakkardar Square, Umrer Road Nagpur.

Chemistry : frontiers & challenges	**International Conference on** Chemistry : frontiers & challenges **(2012)**	Department of Chemistry Aligarh Muslim University, Aligarh, India	Aligarh Muslim University, Aligarh, India
Adsorplion of dyes Using Asdorbeuts	The Indian Science Congress Association **(2013)**	Department of Chemical Science Calcutta University, Kolkata	Calcutta University, Kolkata.
Biochemical study of seed coat colours on protein contents on grain proteins of pigeon pea cultivars.(Page No. 98). ID-304	**International conference** on Chemistry: Frontiers & Challenges By- **AMU (2013)**.	Department of Chemistry A.M.U. Aligarh, India	A.M.U., Aligarh, India.
Water ……. of hope. (Pg: 98) ID-305	**International conference** on Chemistry: Frontiers & Challenges By- **AMU (2013)**	Department of Chemistry A.M.U. Aligarh, India	A.M.U., Aligarh, India.
Water searcity in Firozabad & recharging through failed boring: A step forward.(Pg.-175) P-142	**International conference** Indian Science Congress Kolkata **3 To 7 February, 2014.)**	Indian Science Congress Kolkata	University of Jammu
Rain water harvesting at Firozabad (U.P.) (India) & Making a sustainable change.(Pg.-355) AP-62	**International conference** Indian Science Congress Kolkata **03 to 07 January,(2015)**	Indian Science Congress Kolkata	Mumbai University, Mumbai.
Recharging through failed boring in Firozabad:Evolution of an innovative concept. 84	**International conference** The National Academy Of Sciences, India **02 to 04, (2016).**	The National Academy Of Sciences, India	Annual Session at Dehradun.
Biochemical..Cultivars.	**International conference** The Indian Science Congress Association **(101) (Feb.-3 to 7, 2014).**	Univ. of Jammu, Jammu	Jammu, University, Jammu. (International Conference)
Global…..concern	**International conference** The Indian Science Congress Association **(102) (Jan 3 to 7,2015).**	Univ. of Mumbai, Mumbai.	Univ. of Mumbai, Mumbai, Maharastra. (International Conference)
New Higher Education Policy-Preparation of AIFUCTO Document.	All India federation of University & College teachers Organization AIFUCTO. **(23/11/2015).**	Gandhi Preace Foundation-New Delhi.	Gandhi Preace Foundation-New Delhi. National Seminar
Irrigation of water…..at Mainpuri.	Paryavaran Mitra Samiti. **19-20 Dec. (2015)**	U.P. Pollution Control Board, Moradabad	International Seminar
Commission for scientific and technical terminology.	Ministry of Human Resource Development. **(21 &**	Vivekanand Gramodhyogya Mahavidyalaya, Dibiyapur, Auraiya.	National Workshop

(Tacnici Shabdawali)	**22Sep. 2016)**	**(Registration No. 28).**	
Certificate of Participation and Paper Presentation Title- Reacharging through failed boring in Firozabad: Evolution of an innovative concept.	The National Academy of Sciences, India (86) **2-4 Dec. (2016)**	Uttarakhand State Council for Science and Technology (UCOST), Dehradun.	International Conference
Commission for scientific and technical terminology	Ministry of Human Resource Development. **(14 to 15 Dec.2016)**	K.K.(P.G.) College Etawah. **(Registration No. 32)**	National Workshop
Biochemical Study….	Recent Initiatives in Higher Education. **20-21 Feb. (2016).**	Deptt. of Higher Education, Government of Uttar Pradesh.	National Seminar
Study of ….Plants	Role of Science and Technology in Socio-Economic Development **(28 to 29 Feb. 2016).**	Dr. B.R.A. Government Degree College, Mainpuri (U.P.).	National Conference
Treatment of …..maturity.	The Indian Science Congress Association **(103) (Jan 3 to 7,2016.)**	University of Mysore, Mysuru	International Conference
Gender Equality….Considerations.	Current initiatives in Higher education. **(22 January, 2017).**	Deptt. of Higher Education Govt. of Uttar Pradesh (Govt. P.G. College Fatehabad, Agra).	National Seminar
Certificate of Participation	The National Academy of Sciences, India. (NASI) Registration **No. A 82 (08 to 10 Dec. 2017)**	Savitribai Phule, Pune University, Pune.	International Conference
A Sustaianable change in India through digital Nation.	FATER Academy of India **(FAI) (27 January 2018)**	Deptt. of Chemistry, Bareilly College, Bareilly	International Conference
Present health hazard in glass industries at	**International Conference** On Recent advances in science, technology, technology and humanities East West Institute of technology, Bengaluru **(2019)**	Department of Chemistry East West Institute of technology, Bengaluru	East West Institute of technology, Bengaluru
Recent advances in scene, technology and humanities	**International Conference** On Science Agriculture and technology for society theme **(2019)**	Department of Chemistry East West Institute of technology, Bengaluru	East West Institute of technology, Bengaluru
Protect yourself and others ! Download aarogya setu and ayush kavach app	**(E) Certificate Seminar** Has Successfully qualified Quiz cumAwareness Programme on Covid- 19 jointly organized by rovers & Rangers **(2020)**	Department of Sanskrit Govt P.G. College,Fatehabad,Agra (U.P.)	Govt P.G. College,Fatehabad,Agra (U.P.)
Protect yourself and others !	**(E) Certificate**	Department of Zoology	Paliwal P.G. College,

Download aarogya setu and ayush kavach app	**Seminar** Has Successfully qualified Quiz cumAwareness Programme on Covid- 19 organized by NSS unit **(2020)**	Paliwal P.G. College, Shikohabad Firozabad.	Shikohabad Firozabad.
Webinar on reverse migration and rural development in	**(E) Certificate Webinar on** reverse migration and rural development in **(2020)**	Dr. Bhimrao Ambedkar University, Agra.	Dr. Bhimrao Ambedkar University, Agra.
Impact of covid – 19 on environment	**National Webinar** Impact of covid – 19 on environment **(2020)**	Department of Zoology Paliwal P.G. College, Shikohabad Firozabad.	Paliwal P.G. College, Shikohabad Firozabad.
International Webinar on Chemistry organized by the Depatment of chemistry	**International Webinar** on Chemistry organized by the Depatment of chemistry **(2020)**	Depatment of chemistry The American College, Madurai.	The American College, Madurai
We Appreciate and congratulate participants for enthusiastic performance and future endeavor	**(E -Certifiacte)** has participated in covid – 19 Quiz **(2020)**	Depatment of Sociology Shri Baldev P.G. College, Baragon Varanasi.	Shri Baldev P.G. College, Baragon Varanasi.
Organised by department of physics and NSS	**(E -Certifiacte)** Organised by department of physics and NSS **(2020)**	Depatment of Physics Babu Shivnath Agrawal Mahavidyalaya Mathura.	Babu Shivnath Agrawal Mahavidyalaya Mathura.
Ganga in india Multi dimensional approach	**International E-Seminar** Two Days multi- Subject **(2020)**	K.A. (P.G.) College, Kasganj.	K.A. (P.G.) College, Kasganj.
Keshav Memorial institute of commerce and science	**National Webinar** Vaccines and Drugs-savior of Humanity from invisible Foes – A timeline **(2020)**	Depatment of chemistry Royal Society of Chemistry - Londaon	Royal Society of Chemistry – Londaon.
Online chemistry Quiz Competition	**E- certificate** Online chemistry Quiz Competition **(2020)**	Depatment of chemistry Ghulam nabi azad arts, commerce & science college Barshitakil	Ghulam nabi azad arts, commerce & science college Barshitakli
Basic concepts in Analytical chemistry used in industry	**E- certificate** Basic concepts in Analytical chemistry used in industry **(2020)**	Geological Survey of india (GSI) training institute, Hyderabad	Geological Survey of india (GSI) training institute, Hyderabad
Role of teachers during covid – 19 Pandemic	**International Webinar on** Role of teachers during covid – 19 Pandemic **(2020)**	Department of chemistry Paliwal P.G.College Shikohabad Firozabad (U.P.)	Paliwal P.G.College Shikohabad Firozabad (U.P.)
Andhra Mahila sabha Arts and science college for women	**Webinar on** the topic NMR Spectroscopy **(2020)**	Department of chemistry Paliwal P.G.College Shikohabad Firozabad (U.P.)	Paliwal P.G.College Shikohabad Firozabad (U.P.)
College with potential for excellence	**International Webinar** The Wisdom of yoga: A way to healthy life **(2020)**	Department of physical education Dau dayal Mahila PG College, Firozabad (U.P.)	Dau dayal Mahila PG College, Firozabad (U.P.)

World Web content mining and knowledge discovery	**Natinonal Seminar (OFF LINE) on** Environment climate change and social life **(2021)**	Department of Higher Education Government of U.P. Manyavar Kanshiram Government Degree College Ninowa, Farrukhabad U.P.	Manyavar Kanshiram Government Degree College Ninowa, Farrukhabad U.P.
Green chemistry – Principal and goals	**Natinonal Seminar (OFF LINE) on** Environment climate change and social life **(2021)**	Department of Higher Education Government of U.P. Manyavar Kanshiram Government Degree College Ninowa, Farrukhabad U.P.	Manyavar Kanshiram Government Degree College Ninowa, Farrukhabad U.P.

Other Certificates

- Charge Received of Chemistry Department as Head Department of Chemistry.
- Certificate of Incharge Robber's & Rangers of Paliwal (P.G.) College, Shikohabad. (Dated – 27/07/2013).
- Rovers & Rangers Smagam at Govt. Mahila Mahavidyalaya, Awalkheda, (Agra). 01 to 02 February 2014.
- Rovers Leader Basic Course Completed on 11/10/14 to 17/10/14.
- Rovers & Rangers Smagam at D. S. College, Aligarh, from 12 to 14 February 2015.
- Refresher Course from UGC Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh. (20 February 2017 to 14 March 2017).
- 7 Days National Workshop on Basic Research Methodology & Statistical Analysis from 22 February to 28 February 2016.
- As Member of National Advisory Board in National Seminar Department of Higher Education, Govt. of Uttar Pradesh, at Govt. Post Graduate College, Fatehabad, Agra. From 20-21 February 2016.
- 7 Days National Workshop on United Nations Sustainable and Millennium Development Goals. From 08-14 December 2016. (Under the Aegis of University Grant Commision).

Dr. Vishal Pathak