

Dr.PRIYANKAPANDEY

Mobile:-9001250345,Email:-dr.priyankapandey1981@gmail.com

Address:-HouseNo6-H-10,Mahaveer Nagar Third Kota,PinCode-324005(Rajasthan.)



CAREER OBJECTIVE

To work in a result-oriented environment where I can apply and continually enhance my skills and knowledge to contribute effectively to the organization's success

EXPERIENCE

- Currently working at Sangam University, Bhilwara, as an Associate Professor and Head of the Department in the Civil Engineering Department for 4 years.
- 2012-2020: Assistant Professor at R.N. Modi Engineering College, Kota (Raj), serving as the Head of the Civil Engineering Department from August 2012 to December 2020."
- Academic (2011-2012): Assistant Professor in the Civil Engineering Department at Maharishi Arvind International Institute of Technology, Kota, from July 2011 to July 2012.
- One year as Junior Geologist at Associated Soapstone Distributing Co. Pvt. Ltd. (Golcha Group), Udaipur, Rajasthan, in 2009-2010.

RESEARCH EXPERIENCE

- Currently serving as the Research Coordinator of the School of Engineering & Technology at Sangam University, Bhilwara."
- Currently guiding 6 research scholars under my supervision at Sangam University, Bhilwara.
- One scholar has successfully completed their Doctor of Philosophy (Ph.D.) under my supervision at Sangam University, Bhilwara.

EDUCATIONAL QUALIFICATION

Class/Degree	Board/University	Subject	Percentage	Division
Ph.D.	MGS University, Bikaner	Environment And Hydrogeology	Awarded in July 2010	
M.Sc.	MGS University,Bikaner	Geology	70.50	1 st
B.Sc.	M.D.S.University,Ajmer	Botany Chemistry Geology	72.17	1 st

12 th	Board of Sec. Education Rajasthan, Ajmer	Biology Chemistry Physics	70.50	1 st
10 th	Board of Sec. Education Rajasthan, Ajmer	All subject	62.36	1 st

RESEARCH/PUBLICATION

➤ PATENTS:

- Design Patent Grant Application 404092-001: Title of invention “Hydraulic Robot for Civil Construction”
- Design Patent Grant Application 402936-001: Title of invention “Concrete Durability Testing Device”
- Design Patent Grant Application 404086-001: Title of invention “Digital Concrete Edge Trowel”
- Application 202341087902: Title of invention “Development of Eco-friendly Concrete with Waste Marble Sludge”
- Design Patent Grant Application 380417-001: Title of invention “Dissolution Testing Apparatus to Simulate Colonic Bio-Environment”
- Application 202141048338: Title of invention “Implementation of Human Monitoring System Using IoT”
- Application 202141048423: Title of invention “Cloud and IoT-based Temperature Monitoring System”
- Application 202141049180: Title of invention “IoT-based Monitoring Using Proximity Sensor”
- Application 202141049777: Title of invention “Cloud and IoT Intelligent Plant Wall for Green Indoor Climate”

➤ RESEARCH PAPERS:

- Priyanka Pandey, Akhil Maheshwari, Mohit, Ashish Shrimali, Darshana R. Sorte, Prahlad Singh Rathore, Avish Jain: “Experimental Investigation on Concrete Utilizing Used Surgical Mask” Published Dec 1, 2024 Issue Vol.20, S15 (2024) doi : <https://doi.org/10.62441/nano-ntp.vi.4443>
- Sangeeta Choudhary, Denis Jangeed, Sachin Sharma, Maya Chaudhary, Pooja Gupta, and Priyanka Pandey: "Assessment of Underground Water Resources through RS and GIS Techniques," ICSEEGT-2023, IOP Conf. Series: Earth and Environmental Science 1279 (2023) 012010, IOP Publishing, doi:10.1088/1755-1315/1279/1/012010.
- Mohit, Dr. S.K. Nagar, Dr. Priyanka Pandey: "Utilization of Granite Slurry Waste as Partial Replacement of Cement and Fine Aggregate," ANVESAK - ISSN: 0378 – 4568, UGC Care Group 1 Journal, Vol. 53, No. 4(I), January – June 2023.
- Sachin Sharma, Priyanka Pandey, Rakesh Bhandari, Abhay M. Shende, and Anju Sharma (2022): "A Critical Study on Demolition Construction Waste as Partial Substitute of Fine Aggregates in Green Concrete," published in Journal of University of Shanghai for Science & Technology. (ISSN: 1007-6735).
- Sachin Sharma, Priyanka Pandey, Rakesh Bhandari, Abhay M. Shende (2022): "An Empirical Review on Modified Concrete Using Demolition Construction Waste as Partial Substitutes of Fine Aggregates." (ISSN: 2321-4635, SCOPUS).
- Sachin Sharma, Priyanka Pandey, Pooja Gupta, Abhay M. Shende, Rakesh Bhandari: "An Experimental Behaviour on Green Concrete Utilizing Granite Slurry Waste (GSW) as Partial Substitute of Cement." (ISSN: 1755-1315, SCOPUS).
- Sachin Sharma, Priyanka Pandey: "A Critical Study on Behaviour of Modified Concrete Utilizing Waste Cuddapah Stones as Partial Substitutes of Coarse Aggregates." (ISSN: 0378-4568, UGC CARE-I).
- A.K. Shandilya, Sharda Sharma, Priti Parihar, and Priyanka Dubey: "Sarswati Maru Amrita," National Level Seminar, 1-2 July 2006, Jaisalmer.

- A.K. Shandilya, Priyanka Dubey, and Priti Parihar: "Analysis of Groundwater in Eastern Part of Nokha Tehsil, District Bikaner (Rajasthan)," in R.G.A. XXXIV National Conference on Environmental Conservation and Resource Management, Oct. 31-Nov. 2, 2006, at Govt. Dungar College, Bikaner.
- A.K. Shandilya, Priti Parihar, and Priyanka Dubey: "Status of Ground Water in Western Part of Nokha Tehsil, District Bikaner (Rajasthan)," in R.G.A. XXXIV National Conference on Environmental Conservation and Resource Management, Oct. 31-Nov. 2, 2006, at Govt. Dungar College, Bikaner.
- A.K. Shandilya, Priti Parihar, and Priyanka Dubey: "Hydrogeologic Evaluation of Area around Nokha, District Bikaner, Rajasthan," International Groundwater Conference on Groundwater Dynamics and Global Change, 19-22 March 2008, at Rajasthan University, Jaipur.
- A.K. Shandilya, Priyanka Dubey, and Priti Parihar: "Fluctuation of Ground Water in Eastern Part of Nokha Tehsil, District Bikaner (Rajasthan)," National Groundwater Seminar, 6-7 July 2009, at Bhikhampura, Alwar, Rajasthan.
- A.K. Shandilya, S.L. Soni, and Priyanka Dubey: "Status of Ground Water in Eastern Part of Nokha Tehsil, District Bikaner (Rajasthan)," National Conference on Groundwater Management, 14-15 Feb 2010, at Agricultural University, Bikaner.
- A.K. Shandilya, Priyanka Dubey, and Priti Parihar: "Status of Ground Water in Western Part of Nokha Tehsil, District Bikaner (Rajasthan)," R.G.A. XXXIV National Conference on Environmental Conservation and Resource Management.
- A.K. Shandilya, Priti Parihar, and Priyanka Dubey: "Analysis of Ground Water in Eastern Part of Nokha Tehsil, District Bikaner (Rajasthan)," R.G.A. XXXIV National Conference on Environmental Conservation and Resource Management.
- A.K. Shandilya, Priyanka Dubey, and Priti Parihar: "Ground Water Fluctuation around Nokha Tehsil, District Bikaner (Rajasthan)" (2007), Oikoassay, Vol. 20, Pages 1-2.
- A.K. Shandilya, Priti Parihar, and Priyanka Dubey: "Hydrogeologic Evaluation of Area around Nokha, District Bikaner, Rajasthan," International Groundwater Conference on Groundwater Dynamics and Global Change, Souvenir cum Abstract Volume, Pages 277-278.
- A.K. Shandilya, S.K. Gahlot, N. Shrivastava, and Priyanka Dubey (2010): "Barsingsar Lignite: Geology, Quality, and Mining-Related Environmental Impact Assessment," International Journal of Geo-Science, Vol. I.
- A.K. Shandilya, Priyanka Dubey, Priti Parihar, and Neera Goswami (2010): "Evaluation of Depth to Water Levels in Southern Part of Bikaner District, Rajasthan," Proc. of National Seminar on Sustainable Management and Conservation of Natural Resources, March 2010, Pages 205-210.
- Priyanka Pandey (2019): "Ground Water Situation in Western Rajasthan," National Conference on Environmental Conservation and Resource Management.
- Priyanka Pandey (2019): "Analysis of Ground Water in Eastern Part," National Conference on Groundwater Biodiversity.
- Priyanka Dubey (2020): "Barsingsar Lignite: Geology, Quality, and Mining-Related Environmental Impact Assessment," International Journal of Geo-Science, Vol. I.
- Priyanka Dubey: "Sarswati Maru Amrita," National Seminar, 1-2 July 2020, at Jaisalmer.

➤ **BOOKS/BOOKCHAPTERS:**

- Published Book on 'Hydrological Study on Western Rajasthan', ISBN: 978-81-957739-0-9.
- Published Book on 'Basic Civil Engineering', ISBN: 978-81-947264-5-0.
- Published Book on 'Geology for Civil Engineering', ISBN: 978-81-956028-2-7.
- Published Book Chapter on 'State of Groundwater in Eastern Part of Nokha Tehsil, District Bikaner (Rajasthan)', ISBN: 978-93-92779-06-0, Edition: 2022.
- Published Book Chapter on 'Hydrogeologic Evaluation of Area Around Nokha, District Bikaner, Rajasthan', ISBN: 978-93-92779-06-0, Edition: 2022.
- Published Book Chapter on 'Experimental Investigation on Concrete Utilizing Used Surgical Masks', ISBN: 978-93-92779-06-0, Edition: 2022.
- Published Book Chapter on 'A Study on Use of Waste Tyres and Rubber Tubes in Concrete as Aggregate & Fibre', ISBN: 978-93-92779-06-0, Edition: 2022.

SKILLS/SEMINARS/PROJECTS/TRAINING

• INVITED–

- As Session Chair in the International Conference on “Advancements in Artificial Intelligence: Innovations, Application and Ethical Consideration (AAI-2024)” organized by Aravali Institute of Technical Studies, Udaipur on 12th – 13th April 2024
- As keynote speaker in the One Day workshop on “Project Formulation and Appraisal of Municipal Planning in India” organized by Department of Civil Engineering , Aravali Institute of Technical Studies, Udaipur on 8th October 2021
- As Session Chair in the National Conference on “Smart Cities: A Roadmap for Development of Digital & Smart India” organized by Aravali Institute of Technical Studies, Udaipur on 26th – 27th February 2021

• ORGANIZED–

- Organized Two-Day National Workshop on "Advanced Surveying Instruments" on 9th & 10th Nov. 2022 at Sangam University, Bhilwara.
- One-Day Expert Session on "Water Treatment System" on May 14th, 2022.
- Two-Day National Webinar on "Era of Advanced Technology of Remote Sensing & GIS in Engineering" on April 29th & 30th, 2021.
- Expert Lecture on "Glory of Civil Engineering" on April 14th, 2021.
- Three Survey Camps for B.Tech & Diploma Students.
- Worked on National Assessment and Accreditation Council (NAAC) Tasks (Criterion 1).

• ATTENDED–

- National NEP 2020 Orientation & Sensitization Programme of University Grant Commission (UGC) organized by Malaviya Mission Teacher Training, Devi Ahilya Vishwavidyalaya, Indore (M.P.) from 04/03/2024 to 14/03/2024.
- International Short Term Training Programme-VII "Biodiversity and Environment Conservation", Raj Rishi Government Autonomous College, Alwar, Rajasthan, 9th-15th March 2023.
- International Short Term Training Programme-VI "Greener Living: Reduce, Reuse and Recycle", Raj Rishi Government Autonomous College, Alwar, Rajasthan, 1st-7th Feb. 2023.
- NAAC Sponsored Two-Day National Workshop on "Challenges Before HEIs in Remote Areas for Achieving Quality Improvement through Assessment & Accreditation Process", Sangam University, Bhilwara, from 24th & 25th November 2022.
- 5-Day Faculty Development Program, Sangam University, Bhilwara, from 20th to 24th December 2022.
- 2-Day FDP on "Benchmarking Quality Enhancement Initiatives through Innovative Practices", Sangam University, Bhilwara, 12th & 13th July 2022.
- Two-Day Faculty Development Workshop on "How to Develop Project Proposal" by IQAC and Research & Development Cell, Sangam University, Bhilwara, October 20-21, 2022.
- Faculty Development Program on Outcome-Based Education & Its Implementation from 12th April to 13th April 2022 at Sangam University, Bhilwara.
- 5-Day Faculty Development Program from 20th to 24th December 2022.
- Webinar on "Career Prospects in Civil Engineering", 28th September 2021.
- Faculty Development Program on "ICT Tools for Effective Teaching-Learning" from 26th July to

2nd August 2021.

- **CONSULTANCY/PROJECTS**

- 'Concrete Cubes Testing' at Sirius Engineering & Infrastructure, Bhilwara, Feb 2023.
- Geological Mapping around Nal Area, Bikaner.
- Study of General Geology of the area around Jogira Pond near Kolayat, Bikaner.
- Attended One-Month Advanced Training Programme in Remote Sensing and GIS Application in Natural Resource and Hazard Management in Arid and Semi-Arid Regions at the Department of Geology, University of Rajasthan, Jaipur.
- Attended as Keynote Speaker in Two-Day National Conference on "Smart Cities: Roadmap for Development of Digital and Smart India."

- **GEOLOGICAL VISITS**

- Harish Clay Chandi Mine, Kolayat.
- BP Mine, Parsola-Banswara.
- Devla Mine, Dhariyawad.
- Devpura Mine, Udaipur
- Clay Mine, Nal.
- Khetri Copper Complex, Khetri.

- **GEOLOGICAL ACTIVITIES**

- 'Structural Mapping Camp' at Sujangarh, arranged by the Department of Geology, Govt. Dungar College, Bikaner.
- Attended 'Mining Camp' at Khetri Copper Complex (KCC), arranged by the Department of Geology, Govt. Dungar College, Bikaner.

- **COMPUTER AWARENESS**

- Certificate in Computer, Tally, Windows, MS Office etc.
- Working knowledge of Photoshop, Coral Draw, Internet etc.

ACHIEVEMENTS

- Research Award for Book Publication on the Occasion of Independence Day for Book Writing.
- Research Award for Research Paper Writing on the Occasion of Republic Day for Research Paper Writing.

HOBBY/INTERESTS

- Yoga and Meditation.

OTHER ACTIVITY

- Member of Anti Ragging committee
- Member Of Student Disciplinary Action Committee
- Member of Redressed Women Grievance Committee
- Research Coordinator in SOET, Sangam University
- Member of NAAC Committee

DECLARATION

I hereby declare that the information provided by me in this resume is true to the best of my knowledge, and I accept responsibility for any misrepresentation.