

Curriculum Vitae



Name of the Candidate : **Dr. Brijesh Pathak**

Father's Name : Dr. S. Pathak

Date of Birth : 13th Dec 1979

Nationality : Indian

Category : General

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Academic Qualifications:

Examination	Board/ University	Year	Div	Subject	%
Sec	C.B.S.E, New Delhi	1994	II	Science, Maths, English, Social St.	54%
Sr.Sec.	C.B.S.E, New Delhi	1996	I	Physics ,Chemistry, Biology,English, Hindi	66.29%
B.Sc.	M.D.S. University, Ajmer	1999	I	Botany, Chemistry, Zoology	66.39%
M.Sc.	M.D.S. University, Ajmer	2001	I	(Botany)	62.7%
Ph.D.	M.L. Sukhadia University, Udaipur	2007	Awarded	Botany	

Ph.D. Thesis Title: Environmental Monitoring of Naturally Occurring Radionuclides in the Environs of Udaipur *vis-à-vis* Effect of Uranium on the Growth and Physiology of Plants.

Experience:

Research Experience – 3 and a half year in a **B.A.R.C., B.R.N.S. Sponsored Research Project** Entitled “Environmental Monitoring of Naturally Occurring Radionuclides in the Environs of Udaipur *vis & vis* Effect of Uranium on Growth and Physiology of test plants” in the Dept. of Botany, Mohanlal Sukhadia University, Udaipur.

Completed Ph.D. on the problem entitled “Environmental Monitoring of Naturally Occurring Radionuclides in the Environs of Udaipur *vis & vis* Effect of Uranium on Growth and Physiology of test plants” in the Dept. of Botany, Mohanlal Sukhadia University, Udaipur. **Ph.D. awarded on 29 Dec, 2007.**

Experience of teaching at **post graduate** and undergraduate for seven years.

Well Versed with Plant Biochemical and Soil Analysis Methods.

Working experience of instruments like **Alpha counting system, Beta counting System, Centrifuge, Spectrophotometer, Polarograph-757 VA Computrace (Metrohm), Microvoltmeter.**

Knowledge of Computer (MS Office, Power Point and INTERNET)

Present Position:

Worked as Lecturer in Post graduate Dept. Of Botany, Gramothan Vidya Peeth College, Sangaria (Rajasthan).

Worked as Lecturer in Post Graduate Deptt. Of Botany, Podar College, Nawalgarh, Distt. Jhunjhunu (Rajasthan)

Worked as Lecturer in Under Graduate Deptt. Of Botany, Suratgarh P.G. College, Suratgarh (Rajasthan)

Worked as Assistant Professor in Deptt. Of Biotechnology, Baba Farid college, Bathinda

Presently working as Assistant Professor in Under Graduate Deptt. Of Botany, Punjabi University College, Dhillwan, Tapa, Distt. Barnala.

Name of Referees:

1. Professor B.L. Choudhary, Deptt. Of Botany, M.L. Sukhadia University, Udaipur (Rajasthan)
2. Professor N.C. Aery, Deptt. Of Botany, M.L. Sukhadia University, Udaipur (Rajasthan)
3. Professor M.K. Kaul, Director Research, Agriculture Research Station, Sriganganagar (Rajasthan)

Research Publications:

1. Indian Science Congress 2004, Ahmedabad
N.C. Aery & Brijesh Pathak

“Effect of Uranyl Acetate on Seed Germination and Early Seedling Growth of
Vigna unguiculata (L.) Walp

2. National Symposium on Recent Advances in Chemical Research, University of Rajasthan, Jaipur held on 28-29 March, 2005
S. Pathak, I.K. Kochar and Brijesh Pathak.

“Nano Scale Determination of Metals in *Arnebia hispidissima*. DC.”

3. 29th Annual Conference of Indian Botanical Society and National Symposium held on 9-11 October, 2006 at Dept. of Botany, M.L.Sukhandia University, Udaipur.

“Effect of Uranyl Nitrate on Seed Germination and Early Seedling Growth of
Hordeum vulgare L.”

Brijesh Pathak & N.C.Aery

“Effect of Uranyl Nitrate on Peroxidase Activity in *Vigna unguiculata*(L.) Walp.”

Brijesh Pathak & N.C.Aery

4. U.G.C. Sponsored State Level Seminar on Recent Trends in Biotechnology in Crop Improvement & its Indian Perspectives held on 6th,7th Jan, 2007 at Seth G.B.Podar college, Nawalgarh(Raj)

“Effect of uranium on protein contents in *Vigna unguiculata* (L.) Walp”.

Brijesh Pathak & N.C.Aery

“Effect of Uranyl Acetate and Uranyl Nitrate on Chlorophyll contents in *Hordeum vulgare* L.”

Brijesh Pathak & N.C.Aery

5. National Conference on Biodiversity and Conservation held on 10th, 11th Dec, 2007 at Rama Devi Mahila Mahavidyalaya, Harnathpura, Nua, Distt. Jhunjhunu (Rajasthan)

“Accumulation of uranium in different plant parts”

Brijesh Pathak

“Bioremediation using poplar tree”

Brijesh Pathak & Ashutosh Pathak

“Wetlands Destruction Fuelling Climate Change”

Brijesh Pathak

“Global warming man-made”

Brijesh Pathak, Manoj Rajpurohit & Jyoti Saini

“Mission on Nano-Science & Technology”

Brijesh Pathak & Ashutosh Pathak

“Exotic species as indicator of Biodiversity loss”

Brijesh Pathak

Paper Presented:

Presented paper entitled “Environmental Monitoring of Naturally Occurring Radionuclides in the Environs of Udaipur *vis-a-vis* Effect of Uranium on the Growth and Physiology of Plants, in **U.G.C.** Sponsored State Level Seminar on Recent Trends in Biotechnology in Crop Improvement & its Indian Perspectives held on 6th -7th Jan, 2007 at Seth G.B Podar College, Nawalgarh (Rajasthan)

Presented paper entitled “Effect of uranium on growth and physiology of test plants” in 9th Association of Punjab Geographers conference held 6th -8th October, 2008 in **Baba farid College**, Deon, Bathinda (Punjab)

Presented paper entitled “Effect of uranyl acetate on growth of Barley” in the National conference on Ore Body modeling for genesis, Predictive Metallogeny and Resources Analysis held at the Department of Geology, M.L. Sukhadia University, Udaipur from 16th December to 18th December 2008.

Presented paper entitled “Effect of uranium on growth and water relations of Plants” in the 18th National Symposium on Radiation Physics (**NSRP-18**) held at the Department of Physics, M.L. Sukhadia University, Udaipur from 19th November to 21th November 2009.

Delivered lecture in Fateh Girls College, Rampura, sponsored by INSPIRE, Department of science and technology (DST) New Delhi 2014.

Delivered motivational lecture in Mata Sunderi Girls College, Rampura, sponsored by INSPIRE, Department of science and technology (DST) New Delhi 2015.

A handwritten signature in blue ink, appearing to read 'B.P.' with a stylized flourish underneath.

(Dr.Brijesh Pathak)