

PROFESSIONAL PROFILE

Personal Details			
Name	Dr. BARKHA SINGH		
Date of Birth (DD/MM/YY)	04/07/1989	Gender	Female
Marital Status (DD/MM/YY)	Married 31/01/2019	Category	General
Nationality	INDIAN		
Mailing address		Permanent Address	
barkharaghuvanshi31@gmail.com		CK 63/187 Jalpa Devi Kabir Chaura Varanasi, 221001 , U P .	
Mobile/phone number	9450639718, 7007353684		
Present Address	Flat no-80, Block-A, Teacher's Residential Flats, Jodhpur Colony, Near University Club, BHU, Varanasi, 221005.		
Husband's name	Dr. Prasenjit Bose		
Father's name	Shri Bhupendra Pratap Singh		
Mother's name	Dr. Durga Singh		

Education Details (starting from matriculation)							
S. N o.	Degree	Discipline	Univ./College	Regular/Part time	Year of Passing	% of Marks/CG PA/ CPI	Division
1	Matriculation		Shri Agrasen Girls Inter College Varanasi	Regular	2004	50%	Second
2	Senior Secondary		Shri Sahdev Inter College Jaunpur	Regular	2006	70%	First

3	B.Sc.	Biotechnology	Kutir P.G College Chakkey Jaunpur	Regular	2010	56.88%	Second
4	M.Sc.	Biotechnology	Chaudhary Charan Singh Uni. Meerut	Regular	2013	66.10%	First
5	Ph.D	Biotechnology	Banaras Hindu University Varanasi	Regular	2019	Awarded	Awarded

Qualifying Examinations (CSIR/NET/GATE/ Others)			
Examination	Branch	Year	Valid Upto
BHU CRET exempted	Biotechnology	2014	2014
UGC Research Fellowship	BHU	2015	2015
UGC-JRF CAS	IMS BHU	2017	2017

Professional Experience (Research/Industrial/Teaching/Others)				
Name of Organization	Designation	Duration		Nature of work (attach separate sheet if necessary)
		From	To	
IMS, BHU	M.Sc Dessertation	February 2013	July 2013	A project research titled “Study of polymorphism in folate metabolic pathway in gene GCP2 of Neural Tube Defect” was completed in Department of Anatomy, IMS, BHU

IMS, BHU	Research Scholar	August 2018	November 2018	Took Nursing Classes (Genetics) for 4 months.
Kutir P.G College Chakkey, Jaunpur	Research Scholar	September 2015	September 2015	Deliver a guest lecture on “Scope of Biotechnology and Life Sciences

Research Publications:

Published:

- 1. Singh B, Rashmi, Rai SK,Rai S,Singh R.In-silico study of Neural Tube Defect in relation to FOHL1 gene.International Journal of Scientific Research.2014;3(4).**
- 2. Singh B, Singh R, SK Rai, Kumari P, More RS. In Silico analysis of Noggin gene and its protein structure. Indian Journal of Research 2015; 4 (2).**
- 3. Gross changes seen in the heart samples of DCM patients from North India- A Cadaveric study. International Journal of Advanced Research (IJAR) 2017;(5).**
- 4. Shankar O, Bose P, Singh B, Singh R. Mutation of Delta-Sarcoglycan gene in Dilated Cardiomyopathy Patients in North India Population. Kerala Heart Journal 2017;(1).**

5. **Bose P ,Shankar O,Singh B,Bola R,Singh R.Histological changes of myocardium in dilated cardiomyopathy. Journal of The Anatomical Society of India. 2017;(66).**
6. **Singh B, Bose P, Shamal SN, Joshi D, Singh R. Autosomal Dominant Cerebellar Ataxia including SCA 2,SCA 3,SCA 7 AND SCA 12 : An over view. International Journal of Scientific Research 2019;(8).**
7. **A Cadaveric study on the morphology of psoas minor and psoas accessories muscles. IP Indian Journal of Anatomy and Surgery of Head, Neck and Brain 2020;(6).**
8. **Singh B , Bose P, Shamal SN, Joshi D,Singh R. Polymorphic study of ATXN3 gene in Eastern Uttar Pradesh population. Journal of Anatomical Society of India 2020;(69).**
9. **Morphological variations of pulmonary veins draining into left atrium: A detailed cadaveric study. National Journal of Clinical Anatomy 2021;(10).**

Awards, Patents, Prizes:

- First Prize in Poster Presentation on Recent Advances and Research in Paediatric Surgery- New Horizons-2013 IMS,BHU
- Third Prize in Poster Presentation in National Scientific Symposium & Workshop on Recent Trends in Cytogenetics 2014
- Paper published on the topic titled “In-silico study of Neural Tube Defect in relation to FOHL1 gene” in the journal- International Journal of Scientific Research ,April 2014,Vol 3 , Issue 4
- Chapter published on the topic titled “Washing and Autoclaving”in Laboratory Manual and Hand Book on Recent Trends in Cytogenetics ISBN NO.81-902711-1-3
- Chapter published on the topic titled “The Genetic Basis of Dilated Cardiomyopathy”in Laboratory Manual and Hand Book on Recent Trends in Cytogenetics ISBN NO.81- 902711-1-3
- Abstract published on the topic titled “Study of Polymorphism of RET gene in Hirschsprung’s disease”in Laboratory Manual and Hand Book on Recent Trends in Cytogenetics ISBN NO.81-902711-1-3

- Abstract published on the topic titled “Study of Polymorphism of RET gene in δ -sarcoglycan gene in Dilated Cardiomyopathy Patients” in Laboratory Manual and Hand Book on Recent Trends in Cytogenetics ISBN NO.81-902711-1-3
- Chapter published on the topic titled “Polycystic ovary Syndrome:Genetic Basis” in Annual Conference Infertility Unplugged Of Indian Society For Assisted Reproduction Varanasi 2014
- Abstract published on the topic titled “A Complex Rearrangement of Chromosomes 4p16 and 3p26.3 with Divergent Clinical Presentations:Report of an Extensive Indian Pedigree” in Indian Journal of Human Genetics of International Symposium on “GENOMICS IN HEALTH AND DISEASE” & 40th ANNUAL CONFERENCE OF INDIAN SOCIETY OF HUMAN GENETICS Organized by NATIONAL INSTITUTE OF IMMUNOHAEMATOLOGY (ICMR)2015 MUMBAI Supplement 1/2014/Vol 20, ISSN 0971- 6866.

IT SKILLS:

- Participated in the training program for Lucideus Certified Cyber Security Expert,Grade1 workshop at IMS,BHU.
- Fundamentals,MS-DOS,Windows,.MS-Office,Power point,Internet.

Any Other Relevant Information:

- Participated Certificate of training in Hands-on training On Fluorescence In Situ Hybridization (Fish) conducted at DSS Research Center,DSS Corporate Office,Delhi on 15th October 2015-16th October 2015.
- Attend Certificate of participation a one day workshop and hands on training on RT-PCR,held on 6th January 2016 conducted at Cytogenetic Lab,Department of Anatomy,Institute of Medical Sciences,Banaras Hindu University,Varanasi UP.
- Participated Certificate of training in Hands-on training Workshop on 3500 DNA SEQUENCER on 28-30th August 2017.

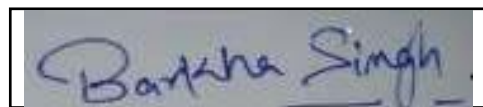
DECLARATION

I hereby declare that I have carefully read the instructions and particulars and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute.

I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Place:VARANASI

Date: 12/08/2022

A rectangular box containing a handwritten signature in blue ink. The signature appears to be 'Barkha Singh'.

Signature of the applicant