

# PROFILE

1. Name : Dr Surender Bharadwaj
2. Fathers Name : Shri Raghunath Singh
3. Designation : Professor in Mathematics
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9. Date Of Joining Service : 08.01.1993

## Qualifications

Degree	University	Date of Award
MPhil	University Of Rajasthan	20.07.1989
PhD	Kota Open University	19.04.1998

## Experience

1. Over 31 years of Teaching Experience teaching UG, PG and M Phil classes
2. On Deputation to post of Director, Regional Office, Jaipur and Kota of VMOU, Kota (2017 to 2020)

## Refresher/ FDP Course/Workshop

Name Of Course	Agency	Place	Duration
Refresher Course	UGC	University Of Rajasthan, Jaipur	18.05.1998 to 06.06.1998
Refresher Course	UGC	University Of Rajasthan, Jaipur	27.11.2000 to 16.12.2000
Refresher Course	UGC	Jai Narayan Vyas University, Jodhpur	05.09.2005 to 24.09.2005
STAFF DEVELOPMENT PROGRAMME On	AICTE	DEPARTMENT OF APPLIED MATHEMATICS AND HUMANITIES, SVNIT, SURAT	21.12.2009 to 25.12.2009

“Mathematical Modeling and Simulation”			
National Workshop on “Differential Equations, Computing and Modeling	University of Delhi	DEPARTMENT OF MATHEMATICS, DELHI UNIVERSITY, DELHI	20.12.2010 to 24.12.2010
Refresher Course	<u>UGC</u>	University Of Rajasthan, Jaipur	14.11.2005 to 03.12.2005
<b>National Workshop</b> on “ Challenges before Applied mathematics: Fluid Dynamics & Optimization Techniques”	<u>University Of Rajasthan, Jaipur</u>	Department of Mathematics, University of Rajasthan, Jaipur	11.03.2011 to 13.03.2011

## Research Project

**Minor Research project on Flow of Fluids through Porous Media funded by UGC was completed in 1998**

## Research Papers

S No.	Title Of Paper	Name of Refereed Journal	ISSN/ISBN No.
1	“An Overview of Generating Functions of Special Functions” Volume 8 Issue XII Dec. 2020 pp: 776-778	International Journal for Research in Applied Sciences and Engineering Technology	ISSN: 2321-9653
2	“ Elementary Trigonometric equations and their solutions with complex numbers” Volume 18, Issue 1 Dec. 2020 page 19-20	International Journal of Innovations in Engineering and Technology (IJIET)	ISSN: 2319-1058
3	“ Unified Definition Of Statistical Means and	International Journal Of	e-ISSN: 2278-621X

	Application to Circuit Anaysis” Volume18 Issue 2 Dec.2020 pp:001-003	LatestTrends in Engineering and Technology” (IJLTET)	
4	“A Note on Mensuration ”volume 18 Issue 2 Dec.2020 pp:004-007	International Journal Of LatestTrends in Engineering and Technology” (IJLTET)	e-ISSN: 2278-621X
5	“A Note on Residue at Infinity : An Essential Correction to Limiting Definition” Volume 8 Issue XII Dec. 2020 pp: 788-793	International Journal for Research in Applied Sciences and Engineering Technology	ISSN: 2321-9653
6.	“Flow of a Fluid due to Plane stretching of a sheet in a Porous media”volume 3 Issue 3 September 2004 pp:221-228	International Journal of Rajasthan Academy of Physical Sciences	

## CONFERENCE /SEMINAR/WORKSHOP PAPERS

S No:	Paper	Conference / Seminar	Place / Duration
1	Start-Up Hydromagnetic flow in a porous media	Seventh Conference of Rajasthan Ganita Parishad	Engineering college, kota (25.3.1995 to 26.3.1995)
2	A Variational Description of Non- Linear Schrodinger Equation	Tenth Conference of Vijnana Parishad of India	MANIT, Bhopal (17.5.2004 to 19.5.2004)
3	Two Dimensional Stagnation Point Flow of a viscous incompressible fluid over a permeable medium	20 <sup>th</sup> conference of Rajasthan Ganita Parishad	Government College Kota (18.01.2009 to 19.01.2009)

4.	Three Dimensional flow of a Fluid due to Radial Stretching of a sheet in a porous media	Seminar on Recent Development in Fluid Dynamics	Department of Mathematics, University of Rajasthan (7.8.2010 to 8.8.2010)
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### Publications (books, chapters in books)

Year	Mention type of Publication	Title of Chapter	ISSN/ ISBN No.
2010	<b>BAP course book</b> Vardhmann Mahavir Open University Kota (Govt. Institution)	Chapter 5 <b>Time and Distance</b> Chapter 6 <b>Interest, Proportion and Percentage</b> Chapter 7 <b>Profit and Loss</b> Chapter 8 <b>Work and Labour</b> Chapter 16 <b>Co-ordinate Geometry</b>	978-81-8496-052-5
2011	<b>MBA Course book</b> Vardhmann Mahavir Open University Kota	Chapter 13 <b>Correlation and Regression</b>	13/978-81-8496-348-9
2012	<b>BCA Course book</b> Vardhmann Mahavir Open University Kota	Chapter 3 <b>Type of Operating System</b> Chapter 4 <b>Process management</b>	13/978-81-8496-324-3

### Research Guidance

Year	M Phil Degree/ Dissertation
2000	1. "Flow of Fluid through Porous Media" <b>by Miss Preeti Guta</b>
2001	1. "A Mathematical Model and Numerical Scheme for contaminated disease": <b>Typhoid Fever by Amneesh Gupta</b>
2004	1. "A Mathematical Model of malaria (PF) Transmission" <b>by Miss Pallavi Bhardwaj</b>
2006	1. "A Susceptible Infected Removable Epidemic Model to Map Malaria Transmission in Kota" <b>by Pooja Khurana</b>
2007	1. "MHD flow of Fluid through a Porous Media" <b>by Sangeeta Yadav</b> 2. "A Mathematical Model for Traffic generated environment pollution analysis in Kota" <b>by Rishi Kumar Srivastav</b>
2008	1. "Convective flow and heat transfer in a Porous medium" <b>by Rakesh Kumar Meena</b> 2. "Flow of Fluid through a Porous Media" <b>by Miss Sanju Yadav</b>

## **Other Activities**

1. Visiting Faculty in Mathematics for BE course of Government Engineering College, Ajmer for session (1998-990)
2. Visiting Faculty for MCA course of Kota University, kota for session (2007-2009)
3. Academic Counselor of VMOU, Kota
4. Resource Person in workshop for Mathematics Teachers conducted by K.V.S ( Jaipur Region) from 6.12.2002 to 8.12.2002. at Kota , Rajasthan.
5. Member of Subject Committee of VMOU, Kota for preparing panel of paper setters/ examiners for CTB/CIC/DCO Examination (from 26.8.2003 ) for two years.