

CURRICULUM VITAE

Dr. YASHWANT SINGH CHAUHAN
Computer Science and Applications Department
G. B. Pant Engineering College, Ghurdauri
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TEACHING EXPERIENCE:

October1, 2003 – October30, 2005 **Lecturer (10,000 Fix)** in the Computer Science and Applications Department (MCA), G. B. Pant Engineering College, Ghurdauri, Pauri-Garhwal, Uttarakhand-246194.

October 30, 2005 – Till Date: **Asst. Prof.** in the Computer Science and Applications Department (MCA), G. B. Pant Engineering College, Ghurdauri, Pauri-Garhwal, Uttarakhand-246194.

COURSES TAUGHT

- **Data Structure, Advanced Data Structure**
- **Operating Systems , Advanced Operating System**
- **Web Technology, JAVA**
- **Computer Networks**
- **Data Base Management System**

POSTGRADUTE STUDIES:

Sai Nath University, Ranchi (INDIA)

D. Phil.: Computer Science
Subject: Fractals & its Applications
Title: **“A Computer Simulated Study on Applications of Fractals and Dynamical Systems”**
Supervisor: Dr. Ashish Negi

U. P Technical University, Lucknow (INDIA)

College: Academy of Business and Sciences Gaziabad
MCA: MCA (2003)
Percentage: **68.73%**

GRADUTE STUDIES:

H. N. B. Garhwal University, Srinagar Garhwal, Uttarakhand (INDIA)

College: S. R. T.C. Campus Tehri Garhwal
B. Sc: Mathematics, Physics & Computer Sciences (2000)
Percentage: **57.15%**

INTERMEDIATE:

Indian School Certificate Examination, New Delhi (INDIA)

School: Modern School Rishikesh (1997)
Subjects: English, Mathematics, Physics, Chemistry
Percentage: **55%**

HIGH SCHOOL:

Indian Certificate of Secondary Education, New Delhi (INDIA)

School: All Saints Public School Tehri Garhwal (1995)
Subjects: English, Mathematics, Science, Social Science, Hindi & Economics
Percentage: **61.33%**

SHORT TERM COURSES ATTENDED:

- Course on “**Network Security**” Organized by **NITTTR, Chandigarh** (19 -23, January 2004).
- Course on “**RH-300 – RHCE Rapid**” Organized by **RedHat** at GBPEC, Pauri (16-20, January 2006)
- Course on “**Linux**” Organized by **NITTTR, Chandigarh** (12 -16, January 2004).
- Course on “**SUSE Linux Fundamentals**” Organized by **NOVELL Education** at GBPEC, Pauri (20-24, February 2006)
- Course on “**Advanced in communication , Distributed computing and Networking :Emerging trends and challenges**” Organized by **Graphics Era Institute of Technology Dehradun** (14-24 December 2007)
- Course on “ **Computer Networks**” Organized by **IIT Roorkee** (28-01, February 2009)

SEMINARS AND CONFERENCES ATTENDED:

- National Conference on “**Role of Mathematical and Physical Sciences in Engineering and Technology**”, Organised by **Department of Mathematics and Physics Govt. Degree college Karnpryag (Chamoli)**, on 21, 22 Oct 2011 at Chamoli Garhwal(Uttarakhand).

PUBLICATIONS:

BOOK

Title of Book: A computer simulated study on applications of fractals
Publisher: Lambort Publication (ISBN: 978-3-659-39624-3).

RESEARCH PAPERS

INTERNATIONAL

- [1] Aditya Harbola, Dr. Priti Dimri, Deepti Negi and **Dr. Yashwant Singh Chauhan**. “**Green Computing Research Challenges: A Review**”, *International Journal of Advance Research in Computer Science and Software Engineering*, Volume-3. Issue-10, 1075-1077. ISSN: 2277-128X
- [2] Rajeshri Rana and **Yashwant Singh Chauhan**. “**Escape Time Fractals of Inverse Tangent Function**”, *International Journal of Computer & Organization Trends*, Volume-3, Issue-3, 16 – 21, 2013. ISSN: 2249-2593.

- [3] Rajeshri Rana and Yashwant Singh Chauhan. “**Generation of New Julia Sets and Mandelbrot Sets for Inverse Sine Function**”, *International Journal of Innovative Research in Computer and Communication Engineering*, Volume-1, Issue-1, 101 – 111, 2013. ISSN (Print) : 2320 – 9798, ISSN (Online): 2320 – 9801.
- [4] Rajeshri Rana and Yashwant Singh Chauhan. “**Relative Superior Mandelbrot and Julia Sets for Integer and Non-Integer Values**”, *International Journal of Research in Engineering and Technology*, Volume-1, Issue-2, 125 – 130, 2012. ISSN: 2319–1163.
- [5] Ashish Negi, Shashank Lingwal and Yashwant Singh Chauhan. “**Complex and Inverse Complex Dynamics of Fractals using Ishikawa Iteration.**” *International Journal of Computer Applications* 40(12):1-9, February 2012. Published by Foundation of Computer Science. ISBN: 978-93-80866-52-1
- [6] Rajeshri Rana and Yashwant S Chauhan. “**A New Study of Fractals for Trigonometric Functions**”, *International Journal of Engineering Science & Advanced Technology*, Volume-2, Issue-2, 154 – 165, 2012. ISSN: 2250–3676.
- [7] Yashwant S Chauhan, Rajeshri Rana and Ashish Negi. “**New Multicorns of Sine Function**”, *International Journal of Mathematics and Computational Methods in Science & Technology*, Vol. 1, No.4, 73-81, 2011. ISSN 2249 8915.
- [8] Yashwant S Chauhan, Rajeshri Rana and Ashish Negi. “**New Multicorns of Cosine Function**”, *International Journal of Advances in Science and Technology*, Vol. 3, No.5, 37-47, 2011. ISSN 2229 5216.
- [9] Yashwant S Chauhan, Rajeshri Rana and Ashish Negi. “**A Computational Study of Logarithmic Function For Mann and Ishikawa Iterates**”, *World Journal of Science and Technology* 2011, 1(10): 92-101.ISSN: 2231 – 2587.
- [10] Rajeshri Rana, Yashwant S Chauhan and Ashish Negi. “**Generation of New Fractals for Sine Function**”, *Int. J. Comp. Tech. Appl.*, Vol 2 (6), 1747-1754, 2011. ISSN:2229-6093.
- [11] Rajeshri Rana, Yashwant S Chauhan and Ashish Negi. “**Generation of New Julia Sets and Mandelbrot Sets for Tangent Function**”, *Computer Engineering and Intelligent Systems*, Vol 2, No.8, 47-58, 2011. ISSN 2222-1719 (Paper) ISSN 2222-2863 (Online).
- [12] Rajeshri Rana, Yashwant S Chauhan and Ashish Negi.” **Complex Dynamics of Cosine Function for Ishikawa Iterates**”, *International Journal of Computer Information Systems*, Vol. 3, No. 3, 65-75, 2011. ISSN 2229 5208.
- [13] Rajeshri Rana, Yashwant S Chauhan and Ashish Negi. Article: “**Ishikawa Iterates for Logarithmic Function**”, *International Journal of Computer Applications* 15(5):47-56, February 2011. Published By Foundation of Computer Science. ISBN: 978-93-80746-85-2.
- [14] Yashwant S Chauhan, Rajeshri Rana and Ashish Negi. Article:”**Complex Dynamics of Ishikawa Iterates for Non Integer Values**”, *International Journal of Computer Applications* 9(2):9–16, November 2010. Published By Foundation of Computer Science. ISBN: 978-93-80747-81-4.

- [15] **Yashwant S Chauhan**, Rajeshri Rana and Ashish Negi. Article: “**Mandel-Bar Sets of Inverse Complex Function**”, *International Journal of Computer Applications* 9(2):17–24, November 2010. Published By Foundation of Computer Science. ISBN: 978-93-80747-81-4.
- [16] Rajeshri Rana, **Yashwant S Chauhan** and Ashish Negi. Article:”**Inverse Complex Function Dynamics of Ishikawa Iterates**”, *International Journal of Computer Applications* 9(1):6–13, November 2010. Published By Foundation of Computer Science. ISBN: 978-93-80747-80-1.
- [17] **Yashwant S Chauhan**, Rajeshri Rana and Ashish Negi. Article:”**New Tricorn & Multicorns of Ishikawa Iterates**”, *International Journal of Computer Applications* 7(13):25–33, October 2010. Published By Foundation of Computer Science. ISBN: 978-93-80746-97-5.
- [18] **Yashwant S Chauhan**, Rajeshri Rana and Ashish Negi. Article:”**New Julia Sets of Ishikawa Iterates**”, *International Journal of Computer Applications* 7(13):34–42, October 2010. Published By Foundation of Computer Science. ISBN: 978-93-80746-97-5.
- [19] Rajeshri Rana, **Yashwant S Chauhan** and Ashish Negi. Article: “**Non Linear Dynamics of Ishikawa Iteration**”, *International Journal of Computer Applications* 7(13):43–49, October 2010. Published By Foundation of Computer Science. ISBN: 978-93-80746-97-5.
- [20] Rajeshri Rana, **Yashwant S Chauhan** and Ashish Negi. Article: “**Complex Dynamics of Pell Sequence**”, *International Journal of Computer Applications* 7(1):24–30, September 2010. Published By Foundation of Computer Science. ISBN: 978-93-80746-85-2.

ADMINISTRATIVE EXPERIENCE:

- Warden Kailash Hostel, G.B.P.E.C., Ghurdauri.
- Chief Warden Trishul Hostel, G.B.P.E.C., Ghurdauri.
- Chief Warden Kedar Hostel, G.B.P.E.C., Ghurdauri.
- O. C Athletics, G.B.P.E.C., Ghurdauri.
- Deputy O/c College Timetable, G.B.P.E.C., Ghurdauri.
- O/c Timetable of Computer Science and Application Department, G.B.P.E.C., Ghurdauri.

PERSONAL DETAILS



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