

DR. SEEMA KABRA BHANDARI

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Objective

To work in an organization, where innovation and excellence is the way of life, where my full potential will be explored and where I will get ample scope for development.

Professional Qualification

- **Ph. D (Mathematics)** on Topic “**Study of Fractional Calculus and Integral Transform on Special Functions and Their Applications**” from Sangam University, Bhilwara in 2021.
- **M.Phil.** from Mewar University in 2016.

Educational Qualification

- **M. Sc. in Mathematics** (2004-06) from M.D.S. University, Ajmer with 68.90% marks.
- **B. Sc. in Chemistry, Physics & Mathematics** (2001-2004) from M.D.S. University, Ajmer with 65.48% marks.
- **Sr. Secondary** (2001) in **PCM** from RBSE, Ajmer with 63.23% marks
- **Secondary** (1999) from RBSE, Ajmer with 70.83% marks

Other

- **PGDBA** from Symbiosis centre for Distance Learning, Pune (2008-2010) with ‘A’ grade

Professional Experience

- **Sangam University, Bhilwara** as Associate Professor from 1st October 2021 to till date.
- Sangam University, Bhilwara as Assistant Professor from 1st July 2016 to 30 September 2021.
- Institute of Technology and Management (ITM), Bhilwara, September 27, 2008-June 30, 2016
- Shri Mahesh Public School – CBSE 9th & 10th (Mathematics), April 2007-September 2008.

Other Professional Responsibilities [at Sangam University]:

- Convener- Cultural Club
- Program coordinator and mentor of M.SC –Mathematics
- Assistant Dean-School of Basic and Applied Sciences from July 2021.
- Calling Incharge- Campus Office [2021]
- Program coordinator and mentor of B.Sc (PCM) from December 2019.
- Program coordinator and mentor of M.SC –Mathematics [Sept 2019-Dec. 2020].
- SU NAAC Committee Member [2019]

- Member of NIRF Committee [2021]
- Member of Cultural Club[2021]
- Member of Alumni Committee [2020-21]
- Departmental coordinator for END TERM EXAM (EVEN SEM.) 2020-21
- Member of Exam Conduction Committee(Paper collection and distribution)
- Coordinator of Abhivyakti, Cultural Club [2016-2020].
- Worked as Organizing member in ICAIR-2021
- Member of Counseling and Telecalling committee of Marketing and Admission Cell.
- Coordinator of Performing Arts Events (On Stage Events) of La Union, Annual Fest of Sangam University [2019-20]
- BOS Member of SOBAS

Computer Proficiency

- Fully conversant with **Office management software** like MS-Word, MS-Excel & MS-Power point.
- Comfortable with **Internet application** in extracting useful information.

Publications

1. **“Integral Transform of K4-Function”**Journal of Science and Arts, Year 2021, No. 2(55), ISSN: 1844 – 9581 eISSN 2068-3049,Mathematics Section pp. 429-436
2. **“The Marichev-Saigo-Maeda Fractional Calculus Operators Pertaining to the Generalized K-Struve Function”** Applied Mathematics and Nonlinear Sciences 5(2), 2020, 593–602.
3. **“Marichev-Saigo-Maeda fractional operators on generalized function $G_{p,\eta,\lambda}[a,z]$ ”** Mathematics In Engineering, Science And Aerospace Mesa - www.journalmesa.com Vol. 11, No. 2, pp. 371-379, 2020.
4. **“Some Integral Transform Of The Generalized Function $G_{p,\eta,\lambda}[a,z]$ ”** Journal of Science and Arts, Year 2019, No. 4(49), ISSN: 1844 – 9581 eISSN 2068-3049,Mathematics Section pp. 859-868.
5. **“The p-k Extended Mittag-Leffler Function and Marichev-Saigo-Maeda Fractional Operators”** International Journal of Research and Innovation in Applied Science (IJRIAS) | Volume IV, Issue VIII, August 2019|ISSN 2454-6194, pp. 12-18.

6. **“Composition of Pathway Integral operator on Generalized k-Wright function”** in International Journal of Scientific Research and Review Volume 8, Issue 6, 2019, ISSN NO: 2279-543X.
7. **“Composition of Univalent and p-valent Functions”** in Coping Change – through Innovation & Value creation for society, December-2017.
8. **“Fractional Calculus of Saigo Fractional Integral Operator on Univalent and p-valent Functions”** in International Journal Of Science and Research(IJSR)-August-2015

Achievements

1. Certificate of Appreciation for taking Competitive Exams Classes 2018.
2. Technical Committee member of National conference on Research and Innovative Trends in Applied Sciences (NCRIAS) on December 22-23, 2018.
3. Certificate of Appreciation for Best Performance 2019.

Seminar/Conferences/Workshop

1. Two days National Webinar on **Awareness on Covid Pandemic**, SOBAS, Sangam University, 29-30 May 2021.
2. Two days National Webinar on **Chemical Modeling, Design & Developments for Sustainable life**, SOBAS, Sangam University, 27-28 May 2021.
3. Seminar on **National Education Policy 2020-Inception to implementation**, MLVTEC, Bhilwara, 23 Feb 2021.
4. Attended and Presented paper on **“Pathway Integral Operator with Composition of Generalized Function $G_{p,\eta,\kappa}[a,z]$ as kernel”** in International Conference on Special Functions and Applications (ICSFA-2020) 22-23 December 2020.
5. Attended and Presented paper on **“The MSM Fractional Integral Operators on Generalized Function $G_{p,\eta,\kappa}[a,z]$ ”** in International Conference Environmental & Climatic consequences: Challenges and Mitigation Strategies(ICECC-19) 21-22 December 2019.
6. Attended and Presented paper on **“The MSM Fractional Integral Operators on Generalized Function $G_{p,\eta,\kappa}[a,z]$ ”** in International Conference Environmental & Climatic consequences: Challenges and Mitigation Strategies (ICECC-19) 21-22 December 2019.
7. Attended IPR workshop at Sangam University on 5th March 2019.
8. Attended two days NAAC awareness Seminar at Sangam University by DR. Shyam Singh Inda at Sangam University on 26-27 November 2018.

9. Attended IET author's one day workshop at Sangam University on 14th November 2018.
10. Attended and Presented paper on "Composition of Marichev-Saigo-Maeda Fractional Operators on Generalized k-Struve Function" in two days National conference on Emerging Trends in Engineering, Basic and Applied Science, Management and Legal Studies-2018" at Sangam University(22-23 September 2018)
11. Attended and Presented paper "**Composition of p-k extended Mittag-Leffler function**" in National Conference on Research and Innovative Trends in Applied Sciences [NCRIAS18] at Sangam University (**22-23 Dec, 2018**).
12. Attended and Presented paper "*Fractional Calculus of Univalent and p-valent Functions*" in International Annual Conference **Coping Change – through Innovation & Value creation for society (Pg:74-82)** at Sangam University (**22-23 Dec, 2017**).
13. Attended National Seminar on "**Interdisciplinary Approaches in Science and Technology (IAST-2017)**" at Mewar University (**29-30 May 2017**).
14. Attended and presented paper in "**National Conference on Emerging Trends in Mathematics and its Applications in Engineering (NCETMAAE-2016)**" at Mewar University (**9 Jan 2016**).
15. Attended two weeks "**ISTE workshop on Signals & Systems**" conducted by **Indian Institute of Technology, Kharagpur (2-12 January 2014)** at Sangam University, ITM Bhilwara.
16. Participated in a **lecture-demonstration session (Online)** organized by the Automation Lab, Chemical Engineering Department, IIT Bombay on 8-9 May 2012.
17. Attended "**National Seminar on Advances in Complex Analysis and Special Functions (ACASF-2011)**" organized by **Central University of Rajasthan (12-13 March 2011)**.
18. Participated in "**i-Robotics**" organized by **Technex' 2011 IT-BHU (25-26 Feb2011)** at ITM, Bhilwara.
19. Attended "**A Workshop on ROBOTICS**" in **Electronics Engineering** at ITM, Bhilwara (**Oct 2010**).
20. Participated in two weeks training program on "**Stochastic Process Modeling: Concepts, theory and Applications**" at **Apaji Institute of Mathematics & Applied Computer Technology, Banasthali Vidhyapith (2-15 Dec 2006)**.

Faculty Development Program

1. Participated in two days faculty Development Programme on "**Outcome based Education & Its Implementation**" **IQAC, Sangam University, 12 -13 April 2022**.
2. Participated in one week faculty Development Programme organized by **IQAC, Sangam University, 23-24 December 2021**.

3. One week International E-workshop on “**Analysis & Modeling of Current Research Areas in Mathematics**”, Rabindranath TAGORE University, Bhopal, 9th August 2021 to 14th August 2021.
4. Faculty development Program on ICT Teaching Learning Tools, organized by IQAC, Sangam University, Bhilwara from 26th July to 2nd August.
5. Ten Days Virtual International Faculty Development Program “ Frontiers of Mathematics” organized by the department of Mathematics, SRMIST, Ramapuram, Chennai from July 19, 2021 to July 28, 2021
6. National faculty Development Program on making Online classes interactive and ICT Add-ons for teaching organized by NEMCARE Group of Institutions, ASSM in Collaborations with Scrollwell 01-06 July 2021.
7. One week FDP on Science, Engineering and Management Government College Degana, Nagor, Rajasthan in Association with Advance Research Educational Society, 01-05 June 2021.
8. ICT Mode (Online) Short Term Training Program on “Problem Based Learning (ICT03)” NITTTR, Kolkata 20-31 May 2019.
9. Faculty Development program attended on teaching skills and research methodology, Sangam University, 5-7 January 2017.

Webinars

Attended virtual seminars during COVID 19 Lockdown

1. Attended the Scientific Update virtual course on The Magic Methyl in Medicinal Chemistry, 29th April 2020.
2. Webinar: Identifying weaker students and Remedial Action, 04-05-2020
3. National Webinar on Nutrition and Immunity-Simplified and Applied organized by the Department of Food Technology, Bhaskaracharya College of Applied sciences, Delhi, 19 May 2020.
4. Webinar Series: Beyond the Boundaries: Reinventing Horizons”, Organized by SKIT, Jaipur, 16-20 May 2020

5. E-Quiz series on COVID-19 for Spreading Awareness: Level One (Basics), Department of Biotechnology & Microbiology, University College of Science (UCoS), Mohanlal Sukhadia University, Udaipur, Rajasthan-313001, 25 May 2020.
6. "NAAC Accreditation Management System demo: Wed, May 27, 2020 2:00 PM - 3:30 PM IST, webinar@inpods.com

Personal Information

Date of Birth : 23rd May, 1984

Marital Status : Married

Nationality : Indian

Language Known : English, Hindi

Father's Name : Shri R.R. Kabra

Husband's Name : Shri Sachin Bhandari

Address : 11-H-21, Tilak Nagar, Bhilwara

I hereby declare that the information given above is correct to the best of my knowledge.

Date :

Place :

Dr. SEEMA KABRA