

## ***CURRICULUM – VITAE***

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### **Dr. SHEETAL DESHWAL**

Assistant Professor, Dr. Shivanand Nautiyal Government P.G College, Karnaprayag Chamoli, PIN- 246444.(Since 7/11/2019 to Present)

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### ***Personal Information***

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- Name : Dr. Sheetal Deshwali
- Father's Name : Shri Surendra Pal Singh
- Date of Birth : 12<sup>th</sup> June 1990
- Nationality : Indian
- Gender : Female
- Marital Status : Married
- Spouse's Name : Mr. Gaurav Choudhary
- Spoken Language : English, Hindi
- Present Address : Department of Mathematics,  
Dr Shivanand Nautiyal Govt. P.G. College,  
Karnaprayag, Chamoli, Uttarakhand,  
PIN Code- 46444
- Permanent Address : House No. 458, Village Libberheri, Manglore  
Town, Tehsil Roorkee, Uttarakhand

### ***Academic Qualification***

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#### **Doctor of Philosophy:** (2014-2018)

Entitled "A Study of Approximation Properties of Certain Positive Linear Operators"

Department of Mathematics

Indian Institute of Technology Roorkee, India.

#### **Master of Science** in Applied Mathematics(2011-2013)

Department of Mathematics

Indian Institute of Technology Roorkee, India.

CGPA: **8.6/ 10 or 91%.**

#### **Master of Science** in Pure Mathematics (2009-2011)

Department of Mathematics

DAV College Muzaffarnagar, CCS University Meerut.

Percentage: **82.9%.**

#### **Bachelor of Science** with Physics, Chemistry, Mathematics (2006-2009)

Department of Mathematics,

DAV College Muzaffarnagar, CCS University Meerut

Percentage: **76.72%.**

#### **Higher Secondary**(2006)

Holy Angle's Convent School, Central Board of Secondary Education

Muzaffarnagar

Percentage: **85.6%.**

**Secondary School (2004)**

S.B.V.M School, Hapur, Central Board of Secondary Education

Percentage: **88.4%**.

**Relevant Experience**

- Worked as Assistant Professor at Jaypee Institute of Information and Technology, Noida in the Department of Mathematics, from March 2019 to November 2019.
- Worked as Assistant Professor at SGT University Gurgaon, in the Faculty of Sciences (Mathematics), from August 2018 to February 2019.
- Worked as Teaching Assistant at Indian Institute of Technology Roorkee, Roorkee in the Department of Mathematics from July 2014 to April 2018. [*PhD research period may be counted as teaching experience, UGC D.o. No. F. 1 7-81201 3(PS)*].
- Worked as Assistant Professor at Meerut Institute of Engineering and Technology, Meerut in the Department of Applied Sciences (Mathematics), from July 2013 to June 2014.

**Research Publications and Conferences Presentations**

- Arun kajla, **Sheetal Deshwal** and P. N. Agrawal, Quantitative Voronovskaya and Gruss Voronovskaya type theorems of Jain-Durrmeyer operators of blending type, **Analysis and Applied Physics** (2018). <https://doi.org/10.1007/s13324-018-0229-5>.
- **Sheetal Deshwal** and P. N. Agrawal, Mihesan-Kantorovich operators of blending type, **General Mathematics** 25(1-2) (2017) 11-27.
- **Sheetal Deshwal**, P. N Agrawal and NurhayatIspir, Blending type approximation of Bivariate-Bernstein-Kantorovich operators, **Applied Mathematics and Information sciences**, 11(2) (2017) 423-432.
- **Sheetal Deshwal**, P. N. Agrawal and SercanAraci, Modified Stancu operators based on inverse PolyaEggenberger distribution, **Journal of Inequalities and Applications**, (2017) 2017:57. <https://doi.org/10.1186/s13660-017-1328-9>.
- **Sheetal Deshwal**, SercanAraci and P.N. Dunkl analogue of Szasz-Mirakjan operators of blending type, **Open Mathematics**, 2017 (Accepted for publication).
- **Sheetal Deshwal**, Ana Maria Acuand P.N. Agrawal, Pointwise Approximation of Bezier variant operator based on Laguerre polynomials, accepted in **Journal of Mathematical Inequalities** (2018).
- **Sheetal Deshwal**, Ana Maria Acu and P.N. Agrawal, Rate of convergence of q-analogue of a class of new Bernstein type operators, accepted in **Miskolc Mathematical Notes** (2018).
- Rupesh K. Srivastav and **Sheetal Deshwal**, Convergence: New Post-Widder Operators, **International Journal of Mathematics Trends and Technology** 67.2 (2021):43-52.
- **Sheetal Deshwal** and Rupesh K. Srivastav, Generalized form of Dunkl analogue of Szasz operators, **Ganita**, vol 71(1) (2021): 115-127.

### **Scholastic Achievements**

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- Qualified the CSIR-UGC National Eligibility Test in Mathematics Science (Dec-2015) with **All India Rank-39**.
- Qualified Graduate Aptitude Test in Engineering (GATE-2014).
- Qualified Joint Admission Test for M.Sc-2011 Examination in Mathematics with **All India Rank 85**.
- Received Scholarship from Ministry of Human Resources and Development (MHRD) during Ph.D duration (July 2014 to April 2018).

### **Extra curriculars**

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- Participated in the **refresher course**: “76<sup>th</sup> online refresher course: Mathematics & Statistics” from 14/11/2022 to 27/11/2022.
- Participated in a 4-Week Online Induction Training / **orientation Programme** for “FACULTY IN UNIVERSITIES/COLLEGES/INSTITUTIONS OF HIGHER EDUCATION” from 17 September - 16 October 2021.

### **References**

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| • Prof. P.N.Agrawal<br>Department of Mathematics<br>Indian Institute of Technology Roorkee<br>Roorkee-247667, Uttarakhand, India | e-mail: pnappfma@iitr.ac.in<br>Telephone: 01332-285033 |
| • Prof. N.Sukavanam<br>Department of Mathematics<br>Indian Institute of Technology Roorkee<br>Roorkee-247667, Uttarakhand, India | e-mail: nsukvfma@iitr.ac.in<br>Telephone: 01332-285341 |

### **Declaration**

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I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

**Sheetal Deshwal**