BIO-Data

Dr.Anshu Sharma

Designation :**Assistant Professor (Academic Level -12)**
DOB **: 25/03/1983**
Subject **: Mathematics**
Area of Specialization : **Integration Operators**
College : **Govt. College for Women ,Gandhi Nagar Jammu.**
Date of Joining in Higher Education Department **: 03/12/2009**
Email : **dranshusharma800@gmail.com**
Phone: **70067-20073,94191-39840**

Summary

Edu. Qualification: **M.sc Mathematics (Gold Medalist) with   90.3% (2004-06)**

M.Phil (2009) & Ph.D in Mathematics.(2012).

Currently working **at Govt. College For Women Gandhi Nagar , Jammu.**

Awards and Achievements

- **Awarded NBHM Grant for P.G (Mathematics) 2004-06 from Deptt. of Atomic Energy Govt. Of India Mumbai.**
- **Awarded Dr. Shakti Bala Memorial Gold –Medal for having secured highest marks amongst the female candidate in M.Sc. Mathematics in the year 2006 at the Special Convocation of the University of Jammu.**
- **(J.R.F) Awarded and UGC (CSIR) National Eligibility Test - (NET) Qualified.**

P.G. Projects /dissertation

 I had supervised the Six Students of IV Semester, P.G. Mathematics to complete their dissertation Project during the session 2018-19.

I had supervised the Six Students of IV Semester, P.G. Mathematics to complete their dissertation Project during the session 2019-20.

Workshops, Seminars, Symposia, Mathematical Festival and Conferences Attended.

ATTENDED WORKSHOPS:-

1. Attended Three (3) Days National Workshop on **"Research Methodology "** on 31 jan.2018 to -02 Feb. 2018 .organized by GCW. Parade, Jammu.& co-sponsored by UGC.

2. Attended Three (3) Days National Workshop on **"Breakthrough Facilitation programme "** on 04th -06th of March 2011 held at Department Of Higher Education ,Civil Sectt. Jammu**.**

<u>Attended online webinars (2020-21) due to Covid 19</u>

S. No	Type of Activity
1	Attended 3 days Faculty Development Programmed **(FDP)** on "E-learning Tools for Teaching &Learning" on 01/06/20 to 03/06/2020 Organized by Department of Computer Sciences Govt.M.A.M , College Jammu .
2	Attended National Series on Mathematical Analysis w.e.f. 31/03/2021 to 03/04/2021 Organized by Department of Mathematics Govt. Degree College R.S.Pura .
3	Attended National Webinar on "Employability & Skill Gap" on 10/07/20 Organized by Govt. Degree College Bishnah in Collaboration with counselling cell HED,JK (UT).
4	Attended National Webinar on "Holistic Mental & Emotional Wellbeing" on 30/07/20 Organized by GCW, Parade in Collaboration with counselling & Placement cell HED,JK (UT).
5	Participated in the National Webinar on "Issues and Challenges of women in Indian Society " on 25/08/20 Organized bySchool of Social Sciences Cluster University of jammu ,JK (UT).
6	Participated in the International Webinar on "A Convergence of Science and faith –why Yoga offer a perfect path to well being" on 30/06/20 Organized by Janki devi Memorial College in association with Indian council of Philosophical research new Delhi.

7	Participated in the Webinar on "A Reflection of New Education policy.. " on the occasion of Gandhi Jayanti on 02/10/20 Organized by Govt.College For Women Udhampur J&k (UT).

ATTENDED INTERNATIONAL & NATIONAL SEMINARS & CONFERENCES : -

1. Attended 5th National Conference in **Mathematics on Recent Developments in Algebra and analysis** Organized by Department of Mathematics , G.G.M. Science College Jammu on dated 13-14 Dec.,2018 and Presented a paper entitled "**Essential Norms of Integration Operators on Bergman Spaces**".

2. Attended National Conference on **"Recent Advances in Mathematics"** Organized by Department of Mathematics ,Central university of Jammu (J&K) on dated 04-05 Oct.,2018 and Presented a paper entitled "**A Class of Integration Operators on Some Analytic Function Spaces".**

3. Attended National Conference on **Mathematical Sciences & its Application** Organized by GGM Science College Jammu in collaboration with Department of Science and Technology J&K on dated 19-20 Jan,2018 and Presented a paper entitled "**Integral Operators From F(p,q.s.) to Zygmund spaces**".

4. Attended 2nd National Conference on **Role Of Mathematics and Computer Science in Advancement of Physics** on dated 10-11 nov.2017 at GDC, Kathua J&K. and Presented a paper titled –"**Carleson Measures and a Class of Integration …Spaces."**

5. Attended UGC Sponsor National Conference on "**Topology ,Analysis Algebra & its Applications."** On dated 07-03-2017 to 08-03-2017 at SMVD, University Katra.& Presented a Paper title **"Composition Operators On Space of Cauchy Transformation".**

6. Attended National Conference on **Role Of Mathematics and Computer Science in Advancement of Physics** on dated 26-27 Feb.2016 at GDC, Kathua

J&K. and Presented a paper titled **"Carleron type inequalities and Integral type operators on some Analytic Function Spaces. "**

7. Attended National Conference on "**Algebra ,Analysis & Applications**" On dated 15-16 March 2013 at SMVD, University Katra.& Presented a Paper title **"Carleron Measures and Generalized Integration Operators. "**

8. Attended **Mathematical Festival -2013** On 13 Dec.2013 at J&K Institute of Mathematical Sciences Higher Education Department J&K and presented a paper entitled "**A Perspective on the status of mathematics in j&K.**'

9. Attended Annual Conference of Jammu Mathematical Society & a National seminar On **" Recent Development In Complex Analysis Operator Theory & Related areas"** w.e.f 20-10-2016 to 22-10-2016.at P.G. Deptt of mathematics ,University of Jammu.

10. Attended Annual Conference of Jammu Mathematical Society & a National seminar On **" Topological Algelraic Analysis"** w.e.f 14-05-2015 to 16-05-2015.at P.G. Deptt of mathematics ,University of Jammu.

11. Attended 2nd National Conference in Mathematics on **Recent Trends in Algebra & Analysis** on 25-26 march 2015.Organized by Department of Mathematics GGM Science College Jammu.

12. Attended One Day Seminar on **Eradication of Poverty Through Education** On 24-02-2015 organised by Department of Psychology, held at Rajinder Singh Auditorium ,University of Jammu.

13. Attended UGC Sponsored "National Seminar On **Recent Trends In Mathematical Sciences"** on dated 22 march 2013 organized by school of Mathematics SMVD University Katra.

14. Attended 23rd Annual Conference of Jammu Mathematics Society & a National seminar On **" Recent Trends in Analysis and Topology"** w.e.f. 26-02-2013 to 28-02-2013.at P.G. Department of mathematics ,University of Jammu

15. Attended 22nd Annual Conference of Jammu Mathematics Society & a National seminar On **" Recent Development In Complex Analysis Operator Theory & Related areas"** w.e.f. 24-02-2012 to 25-02-2012.at P.G. Deptt of mathematics ,University of Jammu

16. Attended 21st Annual Conference of Jammu Mathematics Society & a National seminar On **" Analysis and its Application "** w.e.f 25-02-2011 to 27-02-2011.at P.G. Deptt of mathematics ,University of Jammu.

17. Attended Two Day National Level Conference on **"New Discoveries in Mathematics & its Application"** on dated 12th to 13th Feb.2011 Organized by P.G. Department of Mathematics ,Govt. M.A.M College ,Jammu.

18. Attended **19th Annual Conference** of Jammu Mathematics Society & a National seminar On dated 27-02-2009 to 28-02-2009.at P.G. Deptt of mathematics ,University of Jammu.

19. Attended International Congress & 8th Conference of Indian Society of International and Mathematics On **"On Certain Emerging Areas in Applicable Mathematics"** & 17th Annual Conference of Jammu Mathematics Society On dated 31-03-2007 to 03-04-2007.at P.G. Deptt of mathematics ,University of Jammu.

20. Attended One Day Student Conference of Jammu Mathematics Society On 12-11-2005 .at P.G. Deptt of mathematics ,University of Jammu .**Secured Ist Position**.

21. Attended One Day Student Conference of Jammu Mathematics Society On 04-12-2004 .at P.G. Deptt of mathematics ,University of Jammu .**Secured Ist Position.**

22. Attended Alka Memorial Mathematics Competition org. by Jammu Mathematics Society On 12-12-2004 .at P.G. Deptt of mathematics ,University of Jammu .**Secured 2nd Position.**

Research Publications

1.) Rekha kumara & **Anshu Sharma "Composition Followed and Proceeded by Differentiation between x-Bloch spaces".** Int.J.Contem.Math.Sciences,vol.3 (**2008**)no.34, page no 1679-1691.

2**.) Anshu Sharma** & Ajay Kumar Sharma **"Carleson measures and a Class of Integration Operators On Bergman Spaces"** Rocky Mountain Journal of Mathematics ,volume .41,(.**2011**) page no. 1711-1724.

3.) S.D.Sharma & **Anshu Sharma "Generalized Composition Operators From Bloch Type Spaces To Weighted BMOA Spaces"** Demonstratio Math 44(**2011**) page no 373-390.

4.) Ajay Kumar Sharma ,A.Bhat & **Anshu Sharma "Integration Type Operators Between Weighted Bergman and Bloch Type Spaces"** International J.Math & Engg.Appls. ISSN 0973-9424,vol.5(**2011**) page no 85-95.

5.)   Bhat, Ambika; **Sharma, Anshu**; Sharma, Ajay K. "**Volterra composition operators between weighted Bergman and Bloch-type spaces**". *Mathematics Aeterna, vol.* 3 (**2013**), no. 4, page no 309–316.

6.) Sharma Ajay K.; **Sharma Anshu** "Integration operators from the space of Cauchy integral transforms to the Dirichlet space". *Adv. Pure Appl. Math.* 5 (**2014**), no. 1, page no 47–53.

7) Sharma, A. K. ; **Sharma, Anshu.**, "Integration operators from Cauchy integral **transforms to weighted Dirichlet spaces**", New Zealand J. Math., Vol 44, (**2014**), page no 93–101.

8) Dr.Anshu Sharma " **UPPER AND LOWER BOUNDS FOR NORM OF WEIGHTED TYPE COMPOSITION OPERATORS**" International Journal of Statistics and Applied Mathematics ISSN 2456-1452 (**Jul.-Aug.2019**)vol.4,issue 4, page no.69-76

9) Dr.Anshu Sharma "**COMPACT WEIGHTED TYPE COMPOSITION OPERATOR FROM $Q_K(p,q)$ SPACES TO BLOCH-TYPE SPACES**" Journal of Mathematical Problems,Equations and Statistics ISSN 2709-9407 (**Jul-Dec.2020)** ,Vol.1 ,issue 2, page   no.63-68

10) Anshu Sharma"**Integration operators from H^{∞}, bloch and bmoa spaces to bloch type spaces**." International Journal of Statistics and Applied   mathematics ISSN 2456-1452 **(Nov.-Dec.2021)**vol.6,issue 6, page no.148-157.

Citations :

1 Long, Jian Ren; Li, Ye Zhou Generalized composition operators on weighted Bloch-type spaces. (Chinese) *Acta Math. Sinica (Chin. Ser.)* 59 (2016), no. 2, 279–288.

2 Guo, Jian; Liu, Yongmin Generalized integration operators from mixed-norm to Zygmund-type spaces. *Bull. Malays. Math. Sci. Soc.* 39 (2016), no. 3, 1043–1057.

3 He, Zhong Hua Differences of generalized integration operators from F(p,q,s)spaces to Bloch-type spaces. (Chinese) *Acta Math. Sinica (Chin. Ser.)* 58 (2015), no. 5, 871–880. 47G10

4 He, Zhong Hua; Cao, Guangfu Generalized integration operators between Bloch-type spaces and F(p,q,s) spaces. *Taiwanese J. Math.* 17 (2013), no. 4, 1211–1225. 42B25 (30H30)

General Orientation & Refresher Courses .

1. Attended UGC Sponsored **General Orientation Course** at Academic Staff College University of Jammu on 2 march 2012 to 30 march 2012 the completion of 4 week course and obtained a **grade 'A'**

2. Attended UGC Sponsored **Refresher Course** in Mathematical Sciences at UGC Human Resource Development Centre University of Jammu on 08-12-2015 to29-12-2015 and obtained a **grade 'A'**

3. Attended UGC Sponsored **Refresher Course** in I.D (EVS)at UGC Human Resource Development Centre University of Jammu on 15-10-2018 to04-11-2018 and obtained a **grade 'A'**.

4. Attended UGC Sponsored **Refresher Course** in Mathematical Sciences at UGC Human Resource Development Centre University of Jammu on 04-01-2021 to17-01-2021 and obtained a **grade 'A'**

Academic Qualifications (Matric till Post-Graduation)

Examinations	Name of the Board/ University	Year of Passing	Percentage of Marks obtained	Division/ Class/ Grade	Subject
High School/ Matric	J&k Board	1999	75.6%	Distinction	English, Math's, Hindi, Science, Social Science
Intermediate	j&k Board	2001	75%	Distinction	English &PCM
Bachelors Degree	Jammu university	2004	80.4%	Distinction	English & PCM
Masters Degree/ M.Sc	Jammu university	2006	90.3%	Distinction with Gold medal	Mathematics
Other exam. if any JRF & NET	CSIR	2008-09	-	-	Mathematics

Research Experience

Research Stage	Title of Work /Thesis	University where the work was carried out	Year
M. Phil or equivalent	Weighted Composition Operators on Some Spaces of Analytic Functions .	University of Jammu, Jammu	2009
Ph.D.	A Study of Generalized Integral Operators on Some Spaces of Holomorphic Functions.	University of Jammu, Jammu	2012

Teaching Experience   (3rd Dec.2009 to till Date)

Courses Taught	Name of the University/ College/Institution	Duration
U.G. (B.A./B.Sc. etc.) (B.A./B.Sc./ Hons. etc.)	1.Govt.Degree College ,Samba 2. Govt. M.A.M,.P.G, College ,Jammu. 3. GCW, Gandhi Nagar Jammu	03-12-2009 to 21-09-2012 22-09-2012 to 26-01-2021 27-01-2021 to till date
P.G. (M.A./M.Sc.,etc.)	1.Govt. M.A.M.,P.G, College ,Jammu.	**22-09-2012 To 26-01-2021**

Signature of Candidate