Anil Singh

Assistant Professor

Date of Appointment: September 20, 2019

Department of Mathematics

Govt. M A M College, Jammu

Jammu, 180006

India

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# Education

* B.Sc from GGM Science College, Jammu, 2007-10.
* M.Sc in Mathematics from Govt. M A M College, Jammu, 2010-12.
* M.Phil from University of Jammu, 2013-15.
* Ph.D submitted to the University of Jammu.
* Qualified CSIR/UGC JRF in June-2016 with All India Rank 22.
* Qualified CSIR/UGC NET in December-2014, June-2015, December-2015.
* Qualified JK SET in May-2016.

# Research Publications

1. Fatou and Julia like sets II, Filomat, vol. 35, No 08 ,2021 <https://arxiv.org/pdf/2006.09095.pdf>
2. Fatou and Julia like sets, Ukrainian Mathematical Journal , vol 73, No 10, 2021.. <https://arxiv.org/pdf/2006.08308.pdf>
3. Primeness and dynamics of some classes of entire functions<https://arxiv.org/pdf/1808.08394v3.pdf>
4. A value distribution result related to Hayman's alternative , Commun. Korean Math. Soc. 34 (2019), No. 2, pp. 495-506 <https://doi.org/10.4134/CKMS.c180113>

**Workshops/Conferences/Schools attended**

1. **Schools**

* Advanced Instructional School on Ergodic Theory and Dynamical Systems at IIT Delhi-December 2017.
* Advanced Instructional School on Several Complex Variables at IISc Bangalore-June 2018.
* A Programme on Cauchy-Riemann Equations in Higher Dimensions at ICTS Bangalore-June 2019

## **Workshops**

* LaTeX for Students, Engineers, and Scientists, an online course from IIT Bombay in April 2021. https://courses.iitbombayx.in/courses
* INSA and National Center for Mathematics joint Online Teachers Enrichment Workshop on "Algebra and Multivariate Calculus" held by DHG University Sagar, MP from January 08 to February 14, 2021.
* A One Day Workshop on Applied Mathematics at University of Jammu- May 30, 2019
* Workshop on Complex Analysis and Complex Dynamics at IIT Tirupati-December 2018.
* A workshop on Research Methodology Course at University of Jammu- May 24-25, 2018.
* Science Academies' Lecture Workshop on Algebra and Geometry at Central University of Jammu-March 24-25, 2017

## **Conferences(Paper Presentations)**

* 36th Annual Conference of Ramanujan Mathematical Society (Online) at Amrita Vishwa Vidyapeetham, Coimbatore- August 5-7, 2021
* International Conference on Analysis and its Applications at University of Jammu-December 16-18, 2019.
* 34th Annual Conference of Ramanujan Mathematical Society at Pondicherry University- August 1-3, 2019.
* 28th Annual Conference of Jammu Mathematical Society at University of Jammu-March 28-30, 2019.
* 84th Annual Conference of Indian Mathematical Society at SMVDU Katra- November 27-30, 2018.
* 27th International Conference of FIM in Conjunction with 3rd Convention of IARS....at University of Jammu-November 02-04, 2018.
* National Conference on Mathematical Sciences and Its Applications at GGM Science College, Jammu-January 19-20, 2018.
* 2nd National Conference on RMCSAP2017 at Govt. Degree College, Kathua- November 10-11, 2017.

## **FDP/Induction/Orientation/Refreshers**

* Refresher Course in Mathematical Science organized by Department of Mathematics. Ramanujan College, University of Delhi, in collaboration with TLC Ramanujan College, from August 31- September 16, 2021
* Two Week Refresher Course in Mathematical Science organized by UGC HRDC University of Jammu in Collaboration of Department of Mathematics, University of Jammu from January 04-16, 2021 .
* Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education, held by Teaching Learning Center, Ramanujan College, University of Delhi Sponsored by MHRD Pandit Madan Mohan Malaviya National Mission on Teachers and Teachers, from June 04-July 01, 2020.
* Three Days Faculty Development Programme, Webinar on E-Learning Tools: Tools for Teaching and Learning at Govt. MAM PG College, Jammu-June 01-03, 2020
* National Level Faculty Development Programme on Social Entrepreneurship, organized by Hinduja College of Commerce, Mumbai in association with EdFly- May 28, 2020.
* Productivity Enhancement Programme organized by JK Higher Education Department under the Employment Skill Enhancement Scheme at Govt. College of Education, Jammu- February 03-08, 2020.

## **Webinars/Lectures/Seminars**

* "Plan Your Research effectively using Scopus and ScienceDirect from Elsevier " organized by University of Jammu in collaboration with Elsevier, on May 29, 2020.

# Teaching

Teaching experience at UG and PG level

* Department of Mathematics, University of Jammu, from August 2014 to May 2016 and From January 2017 to December 2017.
* Department of Mathematics, Govt. M A M College, Jammu , from November 2019 to till date.

Courses Taught.

## Real Analysis

## Complex Analysis

## Algebra

## Measure Theory

## Theory of Numbers

## Ordinary Differential Equations

## Vector Calculus

## Probability and Statistics

## Introduction to the dynamics of rational function

## Calculus of Several Variables

## Metric Spaces

# Awards

1. UGC Junior Research Fellowship : November 2016 to October 2018
2. UGC Senior Research Fellowship : November 2018 to September 2019.

**Others**

1. IGNOU Academic Counsellor
2. Life Member of Ramanujan Mathematical Society
3. Life Member of Jammu Mathematical Society