



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 03-04-2026

## 1. Personal Profile

Title: **Dr.** First Name: **SUMIT KUMAR** Last Name: **SHARMA**

Designation: **ASSISTANT PROFESSOR** Mobile No. -----

Phone No. (Office) **011-71219084** Phone No. (Residence): -----

Email: **sksharma@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Sumit-Sharma-30>

Google Scholar Link: <https://scholar.google.co.in/citations?user=5y5RQpoAAAAJ&hl=en>

Address: **DEPARTMENT OF MATHEMATICS, KIRORI MAL COLLEGE, UNIVERSITY OF DELHI**

## 2. Educational Qualifications

| Degree/ Certification    | Institution                             | Year |
|--------------------------|---|------|
| M. Sc. (Mathematics)     | Kirori Mal College, University of Delhi | 2005 |
| B.Sc. (Hons) Mathematics | Dyal Singh College, University of Delhi | 2002 |

## 3. Career Profile & Administrative Assignments

| Category                   | Role/ Designation | Department/ Committee  | Date From - To             | Remarks |
|----------------------------|-------------------|--|----------------------------|---------|
| ADMINISTRATIVE ASSIGNMENTS | CONVENER          | PROSPECTUS COMMITTEE<br>KIRORI MAL COLLEGE, DELHI  | 01.Jun.2023 -<br>Till date |         |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER            | COMMITTEE FOR COMMON<br>COURSES KIRORI MAL<br>COLLEGE, DELHI                             | 01.Jun.2023 -<br>Till date |         |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER            | COORDINATING COMMITTEE<br>FOR INFORMATION AND<br>TECHNOLOGY KIRORI MAL<br>COLLEGE, DELHI | 01.Jun.2023 -<br>Till date |         |

|                            |                     |  |                           |   |
|----------------------------|---------------------|--|---------------------------|---|
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE, DELHI     | 01.Jun.2023 - Till date   |   |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | MUSOC – THE MUSIC SOCIETY KIRORI MAL COLLEGE, DELHI                      | 01.Jun.2023 - Till date   |   |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2023 - 13.Sep.2023 | Convener at Helpdesk for Admissions   |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2022 - 31.May.2023 | Convener at Helpdesk for Admissions   |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2023 - 30.Jun.2023 | Deputy Superintendent Examination   |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Mar.2023 - 30.Apr.2023 | Served as Deputy Superintendent Examination                                 |
| ADMINISTRATIVE ASSIGNMENTS | OTHERS              | KIRORI MAL COLLEGE KIRORI MAL COLLEGE, DELHI                             | 01.Nov.2022 - 31.Dec.2022 | Served as Deputy Superintendent Examination                                 |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Aug.2022 - 31.Jul.2022 | Served as Joint Deputy Superintendent Examination                           |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2022 - 31.May.2023 | Served as Convener (Technical committee), NAAC Steering Criterion Committee |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2022 - 31.May.2023 | Served as Member (SSR) at NAAC Criterion 3 Committee                        |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | OTHERS KIRORI MAL COLLEGE, DELHI   | 01.Jun.2023 - Till date   | Served as Convener at Helpdesk for Admissions                               |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | PROSPECTUS COMMITTEE Kirori Mal College, University of Delhi             | 01.Jun.2023 - Till date   |   |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | PROSPECTUS COMMITTEE Kirori Mal College                                  | 01.Jul.2024 - 30.Jun.2025 |   |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY Kirori Mal College | 01.Jul.2024 - 30.Jun.2025 |   |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | COMMITTEE FOR COMMON COURSES Kirori Mal College                          | 01.Jul.2024 - 30.Jun.2025 |   |

#### 4. Other Profiles

**Other Profile Name/ Description**

## AREAS OF INTEREST/ SPECIALIZATION

**Broad Area of Specialization:** Functional Analysis

- Frames in Quaternionic Hilbert Spaces
- Frames in Hilbert Spaces and Banach Spaces
- Gabor Frames.
- Bases in Banach Spaces

## AWARDS AND DISTINCTIONS

- Secured overall first rank in Graduation in the College.
- Qualified UGC-CSIR NET, December 2006.
- Cleared GATE-2007 (Mathematics) with AIR-114.
- Received scholarship in M.Sc. from National Board of Higher Mathematics (N.B.H.M.).

## OTHERS

- Reviewer for American Mathematical Society (AMS).
- Reviewer for Zentralblatt Fur Mathematik, Germany (zbMath).
- Referee for Filomat (Indexed in MathSciNet, zbMATH, SCIE(Impact Factor: 0.848), Scopus).
- Referee for Bulletin for Iranian Mathematical Society (Indexed in MathSciNet, zbMATH, SCIE(Impact Factor: 0.644), Scopus).
- Referee for Jordan Journal of Mathematics and Statistics (Indexed in MathSciNet, zbMATH, ESCI, Scopus).
- Referee for Poincare Journal of Analysis and Applications (Indexed in MathSciNet, zbMATH, , Scopus).

## MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

- Member of American Mathematical Society.
- Life time member of Society for History of Mathematics, India.
- Life time member of Ramanujan Mathematical Society, India.

## MOOCS/ SWAYAM-NPTEL/ OTHER ONLINE COURSES COMPLETED WITH CERTIFICATION

Successfully completed the following online non-credit courses authorized by Johns Hopkins University and offered through Coursera:

1. The Data Scientist's Toolbox
2. R Programming
3. Getting and Cleaning data
4. Exploratory Data Analysis
5. Reproducible Research
6. Statistical Inference

## WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

- Chaired a session with Prof. Akram Aldroubi and Prof. Shiv K. Kaushik on “Frames, nonlinear approximations and Hilbert transform” in the 12th biennial International Conference on Sampling Theory and Applications (SampTA 2017), held at Tallinn, Estonia, July 3<sup>rd</sup>, 2017. (<https://sampta2017.ee/sessions/>)
- Organized mini courses for PG/ Ph.D. Students on Bases and Frames in finite dimensional Spaces and Frames in Hilbert Spaces and their properties, in International Workshop on Wavelets, Frames and Applications held at Kirori Mal College, University of Delhi, Delhi, 14-20 December, 2017.
- Member, Organizing Committee, International Workshop on Wavelets, Frames and Applications held at Kirori Mal College, University of Delhi, Delhi, 14-20 December, 2017.
- Member, Organizing Committee, International Workshop on Wavelets, Frames and Applications held at Kirori Mal College, University of Delhi, Delhi, 24-30 December, 2014.
- Member, Organizing Committee, International Workshop on Wavelets, Frames and Applications held at Kirori Mal College, University of Delhi, Delhi, 14-20 December, 2011.

## CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS

- S.K. Sharma, Green's Theorem, Stroke's Theorem and Gauss's Theorem, Institute of Life Long Learning, University of Delhi, Delhi. (ISBN 978-93-86264-04-6).
- S.K. Sharma and B. Semthanga, Line Integrals, Institute of Life Long Learning, University of Delhi, Delhi. (ISBN 978-93-86264-04-6).
- S.K. Sharma , Group Action, Institute of Life Long Learning, University of Delhi, Delhi. (ISBN 987-93-86264-06-0).
- S.K. Sharma , Normal Operators, Institute of Life Long Learning, University of Delhi, Delhi. (ISBN 987-93-86264-06-0).

## 5. Research Guidance

| Year | Guide For | Title of the Dissertation/ Thesis | Scholar Name | Status |
|------|-----------|-----------------------------------|--------------|--------|
|------|-----------|-----------------------------------|--------------|--------|

## 6. Research Projects

| Year | Title of Project | Sponsorship Agency | Duration | Amount Sanctioned | Date of Sanction |
|------|------------------|--------------------|----------|-------------------|------------------|
|------|------------------|--------------------|----------|-------------------|------------------|

## 7. Publications

| Category                 | Publication Name                              | Title                                       | Name of Author  | Reference Link/ DOI Link      |
|--------------------------|---|---|---|-------------------------------|
| JOURNAL PAPER (National) | Woven K-Frames in quaternionic Hilbert spaces | Poincare Journal of Analysis & Applications | Nitin Sharma, S.K.Sharma, Khole Timothy Poumai (Corresponding Author) | 10.46753/pjaa.2022.v09i02.016 |

|                               |   |   |   |                               |
|-------------------------------|---|---|---|-------------------------------|
| JOURNAL PAPER (International) | A Note on G-frame Sequences,                                    | International Jour. of Pure and Applied Mathematics                     | Renu Chugh, S.K. Sharma and Shashank Goel (Corresponding Author)  |                               |
| JOURNAL PAPER (International) | On Approximative Atomic Decompositions in Banach Spaces         | Jour. of Applied Functional Analysis                                    | S.K. Kaushik and S.K. Sharma (Joint Author)                       |                               |
| JOURNAL PAPER (International) | Atomic Decomposition Satisfying Certain Properties              | Jour. of Advanced Research in Pure Mathematics                          | S.K. Kaushik and S.K. Sharma (Joint Author)                       |                               |
| JOURNAL PAPER (International) | On A Generalizations of Atomic Decompositions                   | Albanian Journal of Mathematics   | S.K. Kaushik and S.K. Sharma (Joint Author)                       | 10.51286/albjm/1300194339     |
| JOURNAL PAPER (International) | On Schauder Frames in Conjugate Banach Spaces                   | Journal of Mathematics  | S.K. Kaushik, S.K. Sharma and Khole Timothy Poumai (Joint Author) | doi:10.1155/2013/318659       |
| JOURNAL PAPER (International) | Some Results Concerning Frames Associate with Measurable Spaces | TWMS Journal of Pure and Applied Mathematics                            | S.K. Kaushik, L.K. Vashisht and S.K. Sharma (Joint Author)        |                               |
| JOURNAL PAPER (International) | On Approximative Frames in Hilbert Spaces                       | Palestine Journal of Mathematics  | S.K. Sharma, A. Zothansanga and S.K. Kaushik (First Author)       |                               |
| JOURNAL PAPER (International) | On block transfinite sequences in Banach Spaces                 | Poincare Journal of Analysis and Applications                           | G. Singh and S.K. Sharma (Corresponding Author)                   | 10.46753/pjaa.2014.v01i02.004 |
| JOURNAL PAPER (International) | Block Sequences and g-frames                                    | International Journal of Wavelets, Multiresolution and Image Processing | Renu Chugh, S.K. Sharma and Shashank Goel (Joint Author)          |                               |

|                               |  |   |  |   |
|-------------------------------|--|---|--|---|
| JOURNAL PAPER (International) | Trace-class operators via OPV-frames                         | Filomat   | Ruchi Bhardwaj, S.K.Sharma, S.K.Kaushik (Joint Author)         |   |
| JOURNAL PAPER (International) | Woven Frames in quaternionic Hilbert spaces                  | Journal of Mathematics                              | S.K.Sharma, Nitin Sharma, Khole Timothy Poumai (First Author)  |   |
| JOURNAL PAPER (International) | Frames in quaternionic Hilbert spaces                        | Journal of Mathematical Physics Analysis Geometry   | S.K.Sharma and Shashank Goel (First Author)                    | <a href="https://doi.org/10.15407/mag15.03.395">https://doi.org/10.15407/mag15.03.395</a> |
| JOURNAL PAPER (International) | A Note on Retro Banach Frames                                | International Jour. of Pure and Applied Mathematics | Raj Kumar and Sumit K. Sharma (Joint Author)                   |   |
| JOURNAL PAPER (International) | On frames in finite dimensional Quaternionic Hilbert spaces  | Palestine Journal of Mathematics                    | S.K. Sharma, Virender, G. Singh and Soniya Sahu (First Author) |   |
| JOURNAL PAPER (International) | Duals of a frames in Quaternionic Hilbert spaces             | Poincare Journal of Analysis & Applications         | S.K. Sharma, G. Singh and Soniya Sahu (First Author)           |   |
| JOURNAL PAPER (International) | On Unconditional Atomic Decompositions in Banach Spaces      | Journal of Applied functional analysis              | S.K. Kaushik and S.K. Sharma (Joint Author)                    |   |
| JOURNAL PAPER (International) | A NOTE ON GENERALIZED FRAME POTENTIAL                        | Jordan Journal of Mathematics and Statistics (JJMS) | S. K. SHARMA AND VIRENDER (First Author)                       | <a href="https://doi.org/10.47013/15.2.13">https://doi.org/10.47013/15.2.13</a>           |
| JOURNAL PAPER (International) | ON WEAVING PG-FRAMES   | Palestine Journal of Mathematics                    | S.K. Sharma, Shashank Goel and S.K. Kaushik (First Author)     |   |
| JOURNAL PAPER (National)      | Dual Frames on Finite Dimensional Quaternionic Hilbert Space | Poincare Journal of Analysis and Applications       | S.K. Sharma and Virender (First Author)                        | 10.46753/pjaa.2016.v03i02.004   |

|  |   |   |   |   |
|--|---|---|---|---|
| JOURNAL PAPER (National)                 | On block transfinite sequences in Banach Spaces                                 | Poincare Journal of Analysis and Applications   | G. Singh and S.K. Sharma (Corresponding Author)                   | 10.46753/pjaa.2014.v01i02.004   |
| JOURNAL PAPER (National)                 | On Approximative Atomic Decompositions in Banach Spaces                         | Comm. Math. Appl.   | S.K. Kaushik and S.K. Sharma (Joint Author)                       | <a href="https://doi.org/10.26713/cma.v3i3.213">https://doi.org/10.26713/cma.v3i3.213</a>   |
| JOURNAL PAPER (International)            | ON FUSION FRAMES IN QUATERNIONIC HILBERT SPACES                                 | Palestine Journal of Mathematics  | S.K. Sharma, Nitin Sharma and Khole Timothy Poumai (First Author) | <a href="https://pjm.ppu.edu/sites/default/files/papers/PJM_12%284%29_2024.pdf">https://pjm.ppu.edu/sites/default/files/papers/PJM_12%284%29_2024.pdf</a> |
| JOURNAL PAPER (International)            | DUALITY AND STABILITY OF OPERATOR VALUED FRAMES FOR QUATERNIONIC HILBERT SPACES | Journal of Classical Analysis   | RUCHI BHARDWAJ AND S. K.SHARMA (Corresponding Author)             | doi:10.7153/jca-2024-24-07  |
| JOURNAL PAPER (International)            | Dynamical sampling in quaternionic Hilbert spaces                               | São Paulo Journal of Mathematical Sciences  | Ruchi Bhardwaj, Raksha Sharma, S. K. Sharma (Joint Author)        | <a href="https://doi.org/10.1007/s40863-025-00496-1">https://doi.org/10.1007/s40863-025-00496-1</a>   |
| JOURNAL PAPER (International)            | A note on Riesz bases in the framework of quaternionic Hilbert space            | Poincare J. Anal. Appl.   | S. K. Sharma, Virender, S>K. Kaushik (First Author)               | DOI: 10.46753/pjaa.2024.v011i01.007   |
| CONFERENCE PAPER/ PROCEEDINGS (National) | On Finitely Decomposable Frames   | Proceedings of Third National Conference on Mathematical techniques: Emerging Paradigms for Electronics and IT Industries | Renu Chugh, S.K. Sharma and Shashank Goel (Corresponding Author)  |   |

|  |  |   |  |   |
|--|--|---|--|---|
| CONFERENCE PAPER/ PROCEEDINGS (National) | On Similar Atomic Decompositions   | Proceedings of Third National Conference on Mathematical techniques: Emerging Paradigms for Electronics and IT Industries | S.K. Kaushik and S.K. Sharma (Corresponding Author)                |   |
| CHAPTER (National)                       | A Review of Mathematical part of Astrology/ ?????? ?????? ?????? ?????? ?????? ?????? ?????? | ?????? ?????? ?? ( ??????, ?? ??????, 2023)   | Sumit Kumar Sharma (Sole Author)                                   |   |
| RESEARCH PAPERS (International)          | A note on Riesz bases in the framework of quaternionic Hilbert space                         | Poincare J. Anal. Appl.   | S.K. Sharma, Virender, and S.K. Kaushik (First Author)             | 10.46753/pjaa.2024.v011i01.007  |
| RESEARCH PAPERS (International)          | Some results on woven frames in quaternionic Hilbert spaces                                  | Bull. Math. Anal. Appl.   | Nitin Sharma, B. Semthanga, Dolly Jain, S.K. Sharma (Joint Author) | <a href="https://doi.org/10.54671/BMAA-2024-4-1">https://doi.org/10.54671/BMAA-2024-4-1</a> |
| RESEARCH PAPERS (International)          | Frames as operator orbits for quaternionic Hilbert spaces                                    | Jordan J. Math. Stat.   | Ruchi Bhardwaj, S. K. Sharma, S. K. Kaushik (Corresponding Author) | DOI: <a href="https://doi.org/10.47013/17.3.5">https://doi.org/10.47013/17.3.5</a>          |

| <b>8. Books</b>      |   |   |  |                   |
|----------------------|---|---|--|-------------------|
| Category             | Book Name   | Title   | Name of Author   | ISSN/ ISBN Number |
| BOOK (International) | Mathematics: A Text book for Grade 10 for Ministry of Education, Monrovia, Republic of Liberia        | Sumit Kumar Sharma and Gitanjali (First Author) | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-16-3 |
| BOOK (International) | Mathematics: A Text book for Grade 11 for Ministry of Education, Monrovia, Republic of Liberia        | Sumit Kumar Sharma and Gitanjali (First Author) | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-26-2 |
| BOOK (International) | Mathematics: A Text book for Grade 12 Part I for Ministry of Education, Monrovia, Republic of Liberia | Sumit Kumar Sharma and Gitanjali (First Author) | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-36-1 |

|                         |  |   |  |                   |
|-------------------------|--|---|--|-------------------|
| BOOK<br>(International) | Mathematics: A Text book for Grade 12 Part II for Ministry of Education, Monrovia, Republic of Liberia | Sumit Kumar Sharma and Gitanjali<br>(First Author)                        | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-55-2 |
| BOOK<br>(International) | Mathematics: A Teacher guide for Grade 10 for Ministry of Education, Monrovia, Republic of Liberia     | Sumit Kumar Sharma and Gitanjali<br>(First Author)                        | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-17-0 |
| BOOK<br>(International) | Mathematics: A Teacher guide for Grade 11 for Ministry of Education, Monrovia, Republic of Liberia     | Sumit Kumar Sharma and Gitanjali<br>(First Author)                        | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-27-9 |
| BOOK<br>(International) | Mathematics: A Teacher guide for Grade 12 for Ministry of Education, Monrovia, Republic of Liberia     | Sumit Kumar Sharma and Gitanjali<br>(First Author)                        | International Star Educational Books Distributors (P) Ltd. India | 978-93-95626-37-8 |
| BOOK<br>(National)      | An Introduction to Linear Algebra (for Beginners)  | S.K. Kaushik, S.K. Sharma, Virender, Varinder Kumar<br>(Joint Author)     | Imprint Books  | 978-81-932671-0-3 |
| BOOK<br>(National)      | Business Research Methods  | Pushpender Kumar, Anupreet Kaur, and Sumit Kumar Sharma<br>(Joint Author) | Taxmann Publications Pvt. Ltd.                                   | 9789371267069     |

## 9. Faculty Achievements

| Year | Category of Achievement   | Role               | National/<br>International<br>etc. | Name  | Date From-<br>To                |
|------|---|--------------------|------------------------------------|---|---------------------------------|
| 2024 | INVITED LECTURES/<br>RESOURCE PERSON/<br>PAPER<br>PRESENTATIONS<br>ATTENDED | PAPER<br>PRESENTER | International                      | XIV International Conference of the Georgian Mathematical Union, Batumi Shota Rustaveli State University in Batumi, Georgia                     | 02.Sep.2024 -<br>07.Sep.2024    |
| 2024 | WORKSHOP/<br>SEMINAR/<br>CONFERENCE<br>ATTENDED                             | PAPER<br>PRESENTER | International                      | International Conference: Recent Trends in Mathematics ICM-SQU2024, Sultan Qaboos University, Muscat, Oman                                      | 04.Mar.2024 -<br>06.Mar.2024    |
| 2024 | FACULTY<br>DEVELOPMENT<br>PROGRAM ATTENDED                                  | PARTICIPANT        | National                           | NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) | 07.May.2024<br>-<br>16.May.2024 |
| 2023 | INVITED LECTURES/<br>RESOURCE PERSON/<br>PAPER<br>PRESENTATIONS<br>ATTENDED | PAPER<br>PRESENTER | International                      | 10th International Congress of Fundamental and Applied Sciences, Fatih Sultan Vakif University, Istanbul, Turkey                                | 04.Jun.2023 -<br>06.Jun.2023    |
| 2022 | FACULTY INDUCTION<br>PROGRAM ATTENDED                                       | PARTICIPANT        | College                            | Faculty in Universities/Colleges/Institutes of Higher Education   | 20.Sep.2022 -<br>19.Oct.2022    |

|      |   |                 |               |   |                           |
|------|---|-----------------|---------------|---|---------------------------|
| 2022 | FACULTY DEVELOPMENT PROGRAM ATTENDED                            | PARTICIPANT     | College       | Environmental Sciences and Public Health  | 01.Feb.2022 - 02.Feb.2022 |
| 2022 | REFRESHER COURSE ATTENDED                                       | PARTICIPANT     | College       | "Managing Online Classes & Co- creating MOOCS 21.0"   | 07.Dec.2022 - 22.Dec.2022 |
| 2021 | REFRESHER COURSE ATTENDED                                       | PARTICIPANT     | College       | Two - Week Refresher Course/Faculty Development Programme on "Managing Online Classes & Co- creating MOOCS 8.0"                     | 04.Sep.2021 - 18.Sep.2021 |
| 2019 | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | PARTICIPANT     | International | 8th International Eurasian Conference on Mathematical Sciences and Applications, Bake State University, Baku, Azerbaijan            | 27.Aug.2019 - 30.Aug.2019 |
| 2017 | WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED                          | ORGANIZER       | International | 12th biennial International Conference on Sampling Theory and Applications (SampTA 2017), held at Tallinn, Estonia, July 3-7, 2017. | 03.Jul.2017 - 07.Jul.2017 |
| 2013 | INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED | PAPER PRESENTER | International | International Conference on Approximation and Optimization held at PUAP, Puebla, Mexico, 13-18 October, 2013.                       | 13.Oct.2013 - 18.Oct.2013 |

**Dr. SUMIT KUMAR SHARMA**