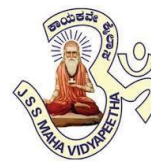





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Chemistry**



**FACULTY PROFILE**

**Department: Department of Chemistry**

**1. Personal Details**

|                           |                           |   |
|---------------------------|---------------------------|---|
| NAME                      | <b>Dr. ASHOK KUMAR</b>    |  |
| DEPARTMENT                | DEPARTMENT OF CHEMISTRY   |   |
| DESIGNATION               | ASSISTANT PROFESSOR       |   |
| PHONE                     | 91+ 6386572718            |   |
| EMAIL ID                  | ashok.kumar@jssaten.ac.in |   |
| Date of Joining (JSSATEN) | 19-09-2023                |   |

**2. Experience**

|                                |               |                 |                 |
|--------------------------------|---------------|-----------------|-----------------|
| Total Experience in Years: 2.7 | Teaching: 2.7 | Industry: - Nil | Research: - 2.7 |
|--------------------------------|---------------|-----------------|-----------------|

**3. Qualifications**

| COURSES | SPECIALIZATION                                 | Year of Award | INSTITUTION  | UNIVERSITY  |
|---------|--|---------------|--|---|
| B.Sc.   | Chemistry                                      | 2011          | Gandhi Faiz-E-Aam College, Shahjahanpur  | Mahatma Jyotiba Phule Rohilkhand University, Bareilly                 |
| M.Sc.   | Applied Chemistry                              | 2016          | B Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow BAU, Lucknow | Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow |
| Ph.D.   | Applied Chemistry (Physical/Surface Chemistry) | 2021          | Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow                | Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow |

#### 4. Research & Publications

|   |  |              |
|---|--|--------------|
| Papers Published in Web of Science indexed Journals | International: 10  | National: 02 |
| Papers Published in SCOPUS indexed Journals         | International: 10  | National: 02 |
| Papers Published in other Journals                  | International: 00  | National: 00 |
| Papers Presented in Conferences / Symposium         | International: 02  | National: 00 |
| <b>Books / Book chapters Published</b>              | <p>Name of the book: <b>“Arsenic”</b><br/>           Publisher: IntechOpen Limited, London (ISBN: 978-1- 83969-666-4)<br/>           Year of Publication: 2021</p> <p>Name of the book: <b>“Titanium Dioxide”</b><br/>           Publisher: IntechOpen Limited, London (ISBN: 978-1-83969-476-9)<br/>           Year of Publication: 2021</p> <p>Name of the book: <b>“Cellulose”</b><br/>           Publisher: IntechOpen Limited, London (ISBN: 978-1-83969-579-7)<br/>           Year of Publication: 2021</p> <p>Name of the book: <b>“Dyes and Pigments”</b><br/>           Publisher: IntechOpen Limited, London (ISBN: 978-1-83968- 615-3)<br/>           Year of Publication: 2021</p> |              |

#### 5. Research Guidance

|                                    |                                |  |
|------------------------------------|--------------------------------|--|
| PhD Guide? Give field & University | NIL                            | University: NIL  |
| PhDs / Projects Guided             | Ph.D. Awarded:<br>Guiding: NIL | <b>Projects at Master’s Level: - 04</b><br>Projects at Bachelor’s Level: NIL |

#### 6. Grants

##### i. Funds Received (Projects)

| Project Name | Grant Amount | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
|--------------|--------------|-----------------------------|----------|--|
| -            | -            | -                           | -        | -  |

## ii. Patents

| Sl. No. | Title Details   | Details of award of patent / Filed |
|---------|---|------------------------------------|
| 1.      | Magnetic Stirrer with Hot Plate. (Application Number: 366789- 001; Journal No is 20/2023 and Journal Date is 19/05/2023). | Published                          |
| 2.      | Sensor Based Laboratory Burner. (Application Number: 368080-001; Journal No is 15/2023 and Journal Date is 14/04/2023).   | Published                          |

## iii. Consultancy

| Title of the work | Amount in Rs. | Date of receiving the Grant | Duration | Grant issuing authority/ Body / Organization |
|-------------------|---------------|-----------------------------|----------|--|
| -                 | -             | -                           | -        | -  |

## 7. Awards Received

|   |  |
|---|--|
| <b>Honorable Speaker</b>                        | 1st Global Conference on Catalysis & Chemical Engineering (GCC 2022) has been scheduled during February 23-24, 2022 as Webinar and organized by Strenuous Group, Texas (USA) |
| <b>Research Excellence Award-2020</b>           | For the research work by Institute of Scholars, Karnataka (India)  |
| <b>Reviewer Certificate of Recognition-2019</b> | For hard work, support, and feedback by contributions to the peer review process to the journal by Emergent Materials, Springer  |
| <b>Bentham Ambassador-2019</b>                  | For contribution in the review process by Bentham Science Publisher  |
| <b>Certificate of Reviewing-2019</b>            | For valuable input by contributions to the peer review process by Journal of Industrial and Engineering Chemistry- Elsevier  |

|   |  |
|---|--|
| <b>Outstanding Reviewer-2019</b>                    | For inexplicable contribution in safeguarding the academic integrity of the journal the by Journal Material Science Research India   |
| <b>Certificates of Excellence-2019 (No. 17)</b>     | For completion of every module within peer review course by Publons Academy, Elsevier  |
| <b>Certified Publons Academy Peer Reviewer-2019</b> | For completion of the Publons Academy practical peer review course to a satisfactory level by Publons Academy, Elsevier  |
| <b>Certificate of Reviewing-2019</b>                | For valuable input by contributions to the peer review process by Applied Surface Science, Elsevier.   |
| <b>Reviewer Certificate of Recognition 2019</b>     | For Polymer Bulletin and valuable input by contributions to the peer review process by Polymer Bulletin Springer.  |
| <b>Young Scientist Award-2019</b>                   | For research work presentation at Global Conference on Control of Greenhouse Gases at the Source by Physical and Chemical Technology (GCGHGSPCT-2k19) held on 22- 24 April 2k19 by Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India). |
| <b>First Best Poster Award-2019</b>                 | For research work presentation at National conference on condensed materials held on 01- 03 February 2019 by Department of Physics, BBA University (A Central University) Lucknow, U.P. (India).   |
| <b>Research Article Appreciation Award-2019</b>     | For research work presentation during International Conference on Advances in Nanomaterials and Devices for Energy and Environment (ICAN-2019) held on 27-29 January 2019 by ABV-IIITM, Gwalior, M. P. (India).  |
| <b>Best Oral/Paper Award-2018</b>                   | For research work presentation during International Conference on Recent Trends in Chemical Sciences held on 15-17 February 2018 by Jiwaji University, Gwalior, M.P. (India).  |
| <b>A Grade Certificate RMC-2017</b>                 | For active participation for 3 Weeks Research Methodology Course (RMC- 2017) held on 5-28 January 2017 by Department of Information Technology, BBA University (A Central University) Lucknow, U.P. (India).   |

## 8. Publications

### i. International Journals

| Sl. No. | Title of the paper   | Name(s) of Author (s)                  | Name of the Journal               | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher        |
|---------|--|--|-----------------------------------|---------------------------|---------------------|---------------|------------------|
| 1.      | Antimicrobial studies of the Zn(II) complex of S-benzyl- $\beta$ -(N-2-methyl-3-phenylallylidene)dithiocarbamate | Rayees A. Bhat, Kaman Singh, D. Kumar, | Journal of Coordination Chemistry | 75, 7-8, 2022             | Both                | 1.869         | Taylor & Francis |

|    |   |  |   |                    |      |               |                    |
|----|---|--|---|--------------------|------|---------------|--------------------|
|    |   | <b>Ashok Kumar</b> , Prashant Mishra   |   |                    |      |               |                    |
| 2. | Synthesis and characterization of chitosan alginate-based crosslinked copolymer for the effective removal of methylene blue from its aqueous solution | Sumit Kumar, Shailesh Kumar, <b>Ashok Kumar</b> , Swat Rastogi, Deepak Kumar   | Water, Air, & Soil Pollution                  | 232, 445, 2021     | Both | <b>2.984</b>  | Springer           |
| 3. | Interpretation of adsorption behaviour of cellulose, sodium carboxymethylcellulose and hydroxyethylcellulose onto activated kaolin                    | <b>Ashok Kumar</b> , Kaman Singh, Rayees A. Bhat, Utkarsh Dixit                | Journal of Colloid and Interface Science Open | 3, 100017, 2021    | Both | <b>2.70</b>   | Elsevier           |
| 4. | The synergy of mercury biosorption through <i>Brevundimonas</i> sp. IITISM22: kinetics, isotherm and thermodynamic modeling                           | Shalini Singh, Vipin Kumar, Pratishtha Gupta, Madhurya Ray, <b>Ashok Kumar</b> | Journal of Hazardous Materials                | 415, 125653, 2021, | Both | <b>14.244</b> | Elsevier           |
| 5. | Physiochemical aspects for the adsorption behavior of sodium carboxymethyl cellulose onto mesoporous  | Kaman Singh, <b>Ashok Kumar</b>  | Separation Science and Technology             | 56,18, 2021        | Both | <b>2.799</b>  | Taylor and Francis |

|    |   |   |  |                    |      |              |                           |
|----|---|---|--|--------------------|------|--------------|---------------------------|
|    | granular fine quartz surface from its aqueous solutions   |   |  |                    |      |              |                           |
| 6. | Physicochemical aspects for the binding mechanism of sodium carboxymethyl cellulose onto mesoporous tea waste carbon from its aqueous solutions | Kaman Singh, <b>Ashok Kumar</b>   | Journal of Dispersion Science and Technology                     | 43, 4, 2022        | Both | <b>2.057</b> | . Taylor and Francis      |
| 7. | Interpretation of adsorption behaviour of carboxymethyl cellulose onto functionalized accurel polymeric surface                                 |   | Industrial & Engineering Chemistry Research                      | 59, 43, 2022       | Both | <b>4.326</b> | American Chemical Society |
| 8. | Binding aspects of carboxymethyl cellulose onto polymeric surface from its aqueous solutions  | Kaman Singh, <b>Ashok Kumar</b> , Prashant Mishra, Satya Prakash Gupta                  | Journal of Dispersion Science and Technology                     | 42, 12, 2021       | Both | <b>2.057</b> | . Taylor and Francis      |
| 9. | Adsorption mechanism of carboxymethyl cellulose onto mesoporous mustard carbon: experimental and theoretical aspects                            | Kaman Singh, <b>Ashok Kumar</b> , Shikha Awasthi, Sarvesh Kumar Pandey, Prashant Mishra | Colloids and Surfaces A: Physicochemical and Engineering Aspects | 581, 123786, 2019, | Both | <b>5.2</b>   | Elsevier                  |

|            |   |   |                           |             |      |            |          |
|------------|---|---|---------------------------|-------------|------|------------|----------|
| <b>10.</b> | The effect of high intensity ultrasound (HIU) on the kinetics of crystallization of sucrose: Elimination of latent period | Kaman Singh, Satya Prakash Gupta, <b>Ashok Kumar</b> , Ajay Kumar | Ultrasonics Sonochemistry | 52, 1, 2019 | Both | <b>8.4</b> | Elsevier |
|------------|---|---|---------------------------|-------------|------|------------|----------|

## ii. National Journals

| Sl. No.   | Title of the paper  | Name(s) of Author(s)             | Name of the Journal      | Volume No. Issue No. Year | WOS / Scopus / Both | Impact Factor | Publisher  |
|-----------|---|----------------------------------|--------------------------|---------------------------|---------------------|---------------|--|
| <b>1.</b> | Characterization of porous solid materials and fine powders with special reference to the evaluation of surface area, pore size distribution and thermodynamic parameters for inclusion in IUPAC classification | Kaman Singh, <b>Ashok Kumar</b>  | Proceeding of ISCA       | 3-7, 2020                 | -                   | -             | Indian Science Congress Association                                  |
| <b>2.</b> | Adsorption and conformation of carboxymethyl cellulose at TiO <sub>2</sub> -modified mesoporous carbon  | Kaman Singh, <b>Ashok Kumar.</b> | Proceeding of GCGHGSP CT | 131-150, 1, 2019.         | -                   | -             | The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow. |

|    |  |   |                                    |                    |   |   |   |
|----|--|---|------------------------------------|--------------------|---|---|---|
|    | derived from mustard cake  |   |                                    |                    |   |   |   |
| 3. | Selection of pH for measurement of sugar solution colour                                 | Kaman Singh, Prashant Mishra, <b>Ashok Kumar.</b>                 | Proceed. Sug. Technol. Asso. India | 77, 461-480, 2019  | - | - | The Sugar Technologists' Association of India |
| 4. | Elimination of latent period by power ultrasound (PUS) during crystallization of sucrose | Kaman Singh, Satya Prakash Gupta, <b>Ashok Kumar.</b> Ajay Kumar. | Proceed. Sug. Technol. Asso. India | 76, 449-457, 2018. | - | - | The Sugar Technologists' Association of India |

### iii. Conferences

| Sl. No. | Title of the paper  | Name(s) of Author(s)   | Name of the Conference       | Volume No. Issue No. Year | WOS / Scopus | Impact Factor | Publisher |
|---------|---|--|------------------------------|---------------------------|--------------|---------------|-----------|
| 1.      | Selective adsorption of carboxymethylcellulose onto mesoporous silica derived from de-oiled mustard                                   | <b>Ashok Kumar,</b> Kaman Singh, Rayees A. Bhat                              | Materials Today: Proceedings | 48,3,2022                 | <b>Both</b>  | <b>2.59</b>   | Elsevier  |
| 2.      | Experimental and Quantum chemical analyses of S-benzyl-b-N-(1-(4-fluorophenyl)ethylidene)dithiocarbamate as biologically active agent | D. Kumar, Anurag Srivastava, Kaman Singh, <b>Ashok Kumar,</b> Rayees A. Bhat | Materials Today: Proceedings | 52,41, 2019               | <b>Both</b>  | <b>2.59</b>   | Elsevier  |

### iv. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organizer        | Date       |
|---------|-----------------------------------|------------------|------------|
| 1.      | National Symposium Cum Workshop   | Swami Vivekanand | May 12-13, |



|     |   |  |                      |
|-----|---|--|----------------------|
|     | on Role of Forensics in Investigation Process: An Interdisciplinary approach for Research Development held on at    | Subharti University, Meerut, U.P. (India).   | 2023                 |
| 2.  | Reviewer workshop: How to get the most out of being a reviewer of scientific articles                               | Elsevier   | August 10, 2022      |
| 3.  | IP Awareness/training program under National Intellectual Property Awareness Mission                                | Intellectual Property Office (India)   | 12 April 2022        |
| 4.  | Faculty Development programme for Subharti University on Advanced Concepts of Outcomes-based Education              | Swami Vivekanand Subharti University, Meerut, U.P. (India).  | 9 February 2022      |
| 5.  | Three Day Online Workshop on “Advanced Numerical Techniques in Science and Engineering (ANTSE-2021)”                | Department of Mathematics, School of Technology, Pandit Deendayal Energy University, Gandhinagar, Gujarat, India | February 26-28, 2021 |
| 6.  | DST & ACS Virtual Workshop on Mastering the Publishing Process  | ACS Publications Team (USA).   | 28 July 2020         |
| 7.  | Workshop on Patents, Intellectual Property Rights and Pateomatic  | RSC & Samnvaya, Jaipur (India)   | 30 May 2020          |
| 8.  | Two Days Workshop on Cheminformatics in Drug Discovery and Research   | Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India).                            | 26-27 February 2019  |
| 9.  | Workshop on Important Techniques for Characterization of Molecules  | SRM University, Lucknow, U.P. (India).   | 25-29 March 2019     |
| 10. | Winter TraSIC – To Trace the Signature of Materials Summer Training School on Instrumentation and Characterizations | Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India)                             | 30-31 January 2019   |
| 11. | Summer TraSIC – To Trace the Signature of Materials Summer Training School on Instrumentation and Characterizations | Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India)                             | 24-25 May 2018       |
| 12. | Two Days’ Workshop on Introduction to Matlab: Programming and   | Department of Physics, University of Lucknow, U.P. (India)   | 28 & 31, March 2018  |

|     |   |   |                   |
|-----|---|---|-------------------|
|     | Applications  |   |                   |
| 13. | Three Weeks Research Methodology Course (RMC-2017) held on and organized by | Department of Information Technology, BBA University (A Central University) Lucknow, U.P. (India) | 5-28 January 2017 |

**v. Workshops / Conference (Organized)**

| Sl. No. | Name of the workshop / Conference  | Organized by   | Date         | Role                       |
|---------|--|--|--------------|----------------------------|
| 1.      | Coronavirus (COVID-19) Disease Pandemic Awareness Online Quiz held on and organized by | Babasaheb Bhimrao Ambedkar University (A Central University, & The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow, U.P. (India) | 10 June 2020 | Joint Organizing Secretary |

**vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)**

| Sl. No. | Name of the workshop / Conference  | Organizer  | Date                 |
|---------|--|--|----------------------|
| 1.      | International Webinar on IPR and its Role in Research & Innovation-2021 (IW-IRRI-2021) | -Govt. Science Model College, Jiwaji University, Gwalior (India).  | August 31, 2021      |
| 2.      | International Webinar on Empowering Diversity in Science                               | Kamla Nehru Mahavidyalaya Nagpur (India)   | 09 February 2021     |
| 3.      | India International Science Festival (IISF2020)  | Ministry of Science and Technology & Ministry of Earth Sciences in association with Vijnana Bharati, U. P. (India) | 22-25 December 2020  |
| 4.      | International Webinar on Communication for Sustainable                                 | BBA University (A Central University)  | 20 & 21 October 2020 |

|     |   |   |                     |
|-----|---|---|---------------------|
|     | Future: Revisiting the Gandhian Model of Environmentalism   | Lucknow, U.P. (India).  |                     |
| 5.  | Enhancing polymer analysis with compressive 2D chromatography   | Chemistry World, United Kingdom (USA)   | 10 September 2020   |
| 6.  | WL Gore: Optimizing Production Processes with Design of Experiments   | Chemistry World, United Kingdom (USA)   | 10 September 2020   |
| 7.  | International Webinar on COVID - 19 and Environmental Linkage   | Department of Environmental Sciences, BBA University (A Central University) Lucknow, U.P. (India) | 29 June 2020        |
| 8.  | 107th Indian Science Congress Association (ISCA) perceives The Theme Of "Science & Technology: Rural Development    | University of Agricultural Sciences, Bangalore (India)  | 3-7 January 2020    |
| 9.  | International Conference on Role of Spectroscopy in Chemical Sciences   | Jiwaji University, Gwalior, M.P. (India)  | 21-23 November 2019 |
| 10. | Global Conference on Control of Greenhouse Gases at the Source by Physical and Chemical Technology (GCGHGSPCT-2k19) | Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India)              | 22-24 April 2k19    |
| 11. | International Symposium on Advances in Functional & Biological Materials (ISAFBM - 2019)                            | Department of Physics, University of Lucknow, Lucknow, U.P. (India)                               | 28 February 2019    |
| 12. | International Conference on Advances in Nanomaterial's and Devices for Energy and Environment (ICAN- 2019)          | ABV-IIITM, Gwalior, M. P. (India)   | 27-29 January 2019  |
| 13. | 106th Indian Science Congress Association (ISCA)  | Lovely Professional University, Jalandhar, Punjab (India)   | 3-7 January 2019    |
| 14. | International Conference on Materials for Energy Applications (ICME-18)   | S.S. Jain Subodh P.G. (Autonomous) College, Jaipur, Rajasthan (India)                             | 6-8 December 2018   |
| 15. | International Conference on Chemical Sciences: National and Global Perspectives                                     | Department of Chemistry, Lucknow Christen College, Lucknow, U.P. (India)                          | 29-31 October 2018  |
| 16. | 13th Western Pacific Commission for Acoustics (WESPAC-2018)   | CSIR-National Physical Laboratory, New Delhi (India)  | 11-15 November 2018 |
| 17. | 4th India International Science   | Ministry of Science and   | 5-8 October 2018    |

|     |  |   |                      |
|-----|--|---|----------------------|
|     | Festival (ISSF-2018)   | Technology, Ministry of Earth Sciences in association with Vijnana Bharati, Lucknow. U. P. (India)  |                      |
| 18. | International Conference on Nanomaterials: Initiatives and Applications  | Department of Chemistry, Jiwaji University, Gwalior, M.P.(India)                                    | 9-10 March 2018      |
| 19. | International Conference on Recent Trends in Chemical Sciences   | Department of Chemistry, Jiwaji University, Gwalior, M.P. (India)                                   | 15-17 February 2018  |
| 20. | 1st North India Science Congress & International Conference on Science & Technology for Sustainable Future                     | Department of Environmental Sciences, BBA University, (A Central University) Lucknow, U.P. (India). | 10-11 January 2018   |
| 21. | International Conference on Nanoscience & Nanotechnology (ICNN-2017)   | Department of Applied Physics, BBA University (A Central University) Lucknow, U.P. (India)          | 22-24 September 2017 |
| 22. | National seminar on World Earth Day  | Keral Verma Subharti College of Science, Swami Vivekanand Subharti University, Meerut, U.P. (India) | 22 April 2022        |
| 23. | National Webinar on "Spectroscopic Techniques: A Tool for Structure Elucidation"   | Department of Chemistry, Sophia Girls' College (Autonomous), Ajmer (India)                          | 21-22 October 2021   |
| 24. | RSC-IIT Desktop Seminar with Journal of Materials Chemistry  | Royal Society of Chemistry, Journal of Materials Chemistry A and IIT Guwahati                       | 27 October 2021      |
| 25. | Webinar On "Remedial measures to bring down cost of production of plantation white sugar producing mills - latest development" | The Asian Association of Sugar Cane Technologists' (AASCT), Lucknow, U.P. (India)                   | 04 September 2021    |
| 26. | One Day National e-Conference on Recent Advances in Chemical   | Department of Chemistry, University   | 15 June 2020         |

|     |  |  |                     |
|-----|--|--|---------------------|
|     | Sciences   | of Lucknow, Lucknow (India)  |                     |
| 27. | All India One Day Seminar On “Potential And Possibilities Of Energy Saving In Sugar Industries                                       | The Asian Association of Sugar Cane Technologists’ (AASCT), Lucknow, U.P. (India). | 22 March 2021       |
| 28. | National Science Week  | Department of Chemistry. Govt. Model Science College, Gwalior, M.P. (India)        | 1-5 March 2021      |
| 29. | National Webinar on Intellectual Property Rights   | DAV College, Kanpur U.P. (India)   | 19 December 2020    |
| 30. | Webinar On “Ethanol Blending Program How Do We Go To The Next Stage- Opportunities & Challenges And Its Viability And Sustainability | The Asian Association of Sugar Cane Technologists’ (AASCT), Lucknow, U.P. (India)  | 07 November 2020    |
| 31. | National Webinar on National Education Policy: Features and Prospects in Higher Education  | Dr. Harisingh Gour University, M.P. (India)  | 14 September 2020   |
| 32. | National Webinar on Instrumental Techniques and their Applications in Chemistry  | Government P.G. (Autonomous) College, Datia, M.P. (India)                          | 25 August 2020      |
| 33. | Online webinar on Experiment Designing   | Biotechnika Info Labs Pvt. Ltd. (India)  | 19 August 2020      |
| 34. | Potentiometric, a Self-automated Instantaneous Drafting Tool   | TIPM Solution, Pvt. Ltd., Telangana (India)  | 25 April 2020       |
| 35. | Prospects of Science & Society in the Era of Artificial Intelligence   | K.K.V., College, Lucknow, U.P. (India)   | 3-4 March 2020      |
| 36. | 10th Conference of The Indian Science Congress Association (Haridwar Chapter) on Science and Technology: Rural Development           | organized by Gurukula Kangri Vishwavidyalaya, Haridwar, UKD (India)                | 15-16 February 2020 |
| 37. | National Seminar on Waste Management: Role of Chemistry  | D.A.V. (P.G.) College, Kanpur, U.P. (India)  | 22-23 January 2020  |
| 38. | National Seminar on Contribution of Educational Institutions in Nation Building: A Futuristic Approach                               | BBA University, (A Central University) Lucknow, U.P. (India).                      | 10-11 February 2020 |
| 39. | Old Students Conclave Ceremony on the 24th Foundation Anniversary  | BBA University (A Central University) Lucknow, U.P. (India)                        | 10-11 January, 2020 |
| 40. | First Annual Alumni Meet   | Department of Chemistry, BBA University (A Central                                 | 18 December 2019    |

|     |  |   |                      |
|-----|--|---|----------------------|
|     |  | University) Lucknow, U.P. (India)   |                      |
| 41. | National Seminar on Application of Elements in Natural Sciences  | Christ Church College, Kanpur, U.P. (India)   | 14-15 November 2019  |
| 42. | National Seminar on the occasion of National Unity Day on Horticulture: A Boon for Indian Economy  | Department of Horticulture, BBA University (A Central University) Lucknow, U.P. (India) | 31 October 2019      |
| 43. | National Seminar on "Food Chemistry, Processed Food & Toxicology   | D.A.V. (P.G.) College, Kanpur, U.P. (India)   | 25-26 September 2019 |
| 44. | National Conference on Smart Materials, Devices and Sustainable Technologies (SMDST-2019)  | Madan Mohan Malaviya University of Technology, Gorakhpur, U.P. (India).                 | 16 March 2019        |
| 45. | National Seminar on Subtle Matter and Related Conscious Surface  | Department of Physics, BBA University (A Central University) Lucknow, U.P. (India)      | 1-3 February 2019    |
| 46. | 1st National Conference on Recent Approaches and Innovations in Chemical Sciences (RAICS-2k18)   | Shri Ramswaroop Memorial University, Lucknow, U. P. (India).                            | 2-3 November 2018    |
| 47. | Celebration of 87th Birth Anniversary of Bharat Ratna Dr. A. P. J. Abdul Kalam Saheb Followed by Working Silver Jubilee of Prof. Kaman Singh | Department of Chemistry, BBA University (A Central University) Lucknow, U.P. (India)    | 15-16 October 2018   |
| 48. | 9TH Conference of The Indian Science Congress Association (ISCA) (Haridwar Chapter) on Future India: Science and Technology                  | G.B. Pant University of Agriculture & Technology, Pantnagar, UKD (India).               | 13-14 October 2018   |
| 49. | National Symposium on Recent Trends in Material Science Research   | Govt. Model Science College, Jiwaji University, Gwalior, M.P (India)                    | 8 March 2018         |
| 50. | Recent Advances and Innovations in Chemical and Materials Science (RAICMS-2017)  | Sri Jai Narain (P.G.) College, Lucknow, U.P. (India)                                    | 23-24 February 2017  |
| 51. | Recent Advances In Chemical And Environmental Sciences: Emphasis on Material Science   | ITM University Gwalior, M.P. (India)  | 4-5 March 2016       |

## 9. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organized by | Date of completion / Award | Grade / Marks |
|---------|---------------------|--------------|----------------------------|---------------|
| -       | -                   | -            | -                          | -             |

## 10. Membership of Professional Bodies:

|   |
|---|
| <b>1. Affiliate member</b> (Membership ID: 711118) of the Royal Society of Chemistry.   |
| <b>2. Member of the review board</b> for IGI Global book, titled “Handbook of Water Science and Society”, Eds. Vaseashta, Duca and Travin   |
| <b>3. ACS Community Member</b> (M.N. 31639752), American Chemical Society (ACS), USA  |
| <b>4. Professional Life Member</b> (InSc20200163), Institute of Scholars, Bangalore   |
| <b>5. Member</b> (UP320522226025AKK10071990), Multidimensional Educational Technical & Research Society, U.P., India  |
| <b>6. Editorial Member</b> , Global Journal of Multidisciplinary Studies, Jabalpur Management Association, M.P., India  |
| <b>7. Editorial Board Member</b> , American Journal of Applied and Industrial Chemistry, USA  |
| <b>8. Life-Member</b> (TERA-M192173), Teaching and Education Research Association (TERA), Eurasia Research, Rajasthan, India  |
| <b>9. Editorial Board Member</b> (Reference: AJAIC), International Journal of Environmental Chemistry, Science Publishing Group, USA  |
| <b>10. IAJC Member</b> (Membership ID: 6386572718), International Association of Journals and Conferences, USA  |
| <b>11. Editorial Board Member</b> (Reference: IJEC), International Journal of Environmental Chemistry, Science Publishing Group, USA  |
| <b>12. Reviewing Team Member</b> , Material Science Research India (An International, Peer-Reviewed Research Journal)   |
| <b>13. Founder Member</b> (M/DT:AASCT06), The Asian Association of Sugar Cane Technologists’ (AASCT), Lucknow, Uttar Pradesh (India)  |
| <b>14. Life Member</b> (L36741) of The Indian Science Congress Association, (ISCA), Kolkata-(India)   |
| <b>15. Candidate for Lifetime of GIAN</b> (A.No:2015150646527, Participant Registration Portal), Global Initiative for Academic Networks, Indian Institute of Technology, Kharagpur, Kharagpur, (India) |
| <b>16. Life Member</b> (VA0017) of Awadh Vigyan Bharti, Vijnana Bharati, C-486, Defence Colony, New Delhi, (India)  |

**11. Any other information you will like to share about your professional experience**

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Faculty Name: **Dr. Ashok Kumar**

Designation: **Assistant Professor**

**Department of Chemistry**

**JSS Academy of Technical Education, Noida**