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|----|--|---|---|
| | | | |
| 01 | Name (in BLOCK Letters) | : | Dr. Rachna Prakash Srivastava |
| 02 | Father's/Mother's Name/ Husband Name | : | Mr. S.B. Saxena |
| 03 | Department/Subject | : | Chemistry |
| 04 | Mobile number | | 9839085854 |
| 05 | Email ID | | rachna.rs.rs@gmail.com |
| 06 | College Name & Address | | Dayanand Girls P.G. College, Civil Lines, Kanpur |
| 07 | Website | | dayanandgirlspgcollege.org.in |
| 08 | | | |
| 09 | | : | |
| 10 | Date of first Joining as regular (in Govt. College of U.P.) (attach joining letter) | : | 05th March 1991 |
| 11 | | : | |
| 12 | | : | |
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| 14 | | | |
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| 16 | Date of award of (Date is Considered as displayed on degree or Approved by EC of University, Proof to be attached) Ph.D. is an essential qualification for promotion in Academic Level 13A (Page 81 of UGC regulation 2009) | | Professional degree N.A. M.Phil N.A. Ph.D 1994 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-----------------|---|---|--|-----------------|---------------------------|-------------|------------------------|-----------------------------------|-------------------|-------------------------------|--|---|--------------------------|------------------------------------|-------------------|-------------|-----------------|--|--|--|-------------------------|-------------|-----------------|-----------------------------------|--|--|-------------------------|-------------|-----------------|--------------------------------|---------------------|----------------------|--|--|--|--|--|
| 17 | Date and Place of Birth | : | 18.03.1968, Kanpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Sex | : | Male Female <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Nationality | : | Indian | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Indicate whether belongs to SC/ST/OBC category | : | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Address Postal | : | 3/22, Vishnupuri, Distt. Kanpur Nagar State U.P. Pin Code 208002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Address Permanent | : | 3/22, Vishnupuri, Distt. Kanpur Nagar State U.P. Pin Code 208002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | Academic Qualifications:- (High School till Post Graduation) : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | <table border="0"> <thead> <tr> <th>Examinations</th> <th>Name of the Board / University</th> <th>Year of Passing</th> <th>Division/ Class/ Grade</th> <th>Subject/s</th> <th>Rank and Remark if any</th> </tr> </thead> <tbody> <tr> <td>Matriculation/ High School</td> <td>U.P. Board</td> <td>1984</td> <td>1st Div.</td> <td>Hindi, Eng., Maths, Science, Bio, Social Science</td> <td></td> </tr> <tr> <td>Intermediate (10 + 2)</td> <td>U.P. Board</td> <td>1986</td> <td>1st Div.</td> <td>Hindi, Eng., Physics, Chemistry, Bio.</td> <td></td> </tr> <tr> <td>B.A. / <u>B.Sc.</u> / B.Com. / & equivalent</td> <td>Kanpur Univrsity</td> <td>1988</td> <td>1st Div.</td> <td>Botany, Zoology, Chemistry</td> <td></td> </tr> <tr> <td>M.A. / <u>M.Sc.</u> / M.Com. / & equivalent</td> <td>Kanpur Univrsity</td> <td>1990</td> <td>1st Div.</td> <td>Chemistry (Organic)</td> <td>1st Position</td> </tr> <tr> <td colspan="6" style="text-align: center;">Other, if any</td> </tr> </tbody> </table> | | | Examinations | Name of the Board / University | Year of Passing | Division/ Class/ Grade | Subject/s | Rank and Remark if any | Matriculation/ High School | U.P. Board | 1984 | 1st Div. | Hindi, Eng., Maths, Science, Bio, Social Science | | Intermediate (10 + 2) | U.P. Board | 1986 | 1st Div. | Hindi, Eng., Physics, Chemistry, Bio. | | B.A. / <u>B.Sc.</u> / B.Com. / & equivalent | Kanpur Univrsity | 1988 | 1st Div. | Botany, Zoology, Chemistry | | M.A. / <u>M.Sc.</u> / M.Com. / & equivalent | Kanpur Univrsity | 1990 | 1st Div. | Chemistry (Organic) | 1st Position | Other, if any | | | | | |
| Examinations | Name of the Board / University | Year of Passing | Division/ Class/ Grade | Subject/s | Rank and Remark if any | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Matriculation/ High School | U.P. Board | 1984 | 1st Div. | Hindi, Eng., Maths, Science, Bio, Social Science | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intermediate (10 + 2) | U.P. Board | 1986 | 1st Div. | Hindi, Eng., Physics, Chemistry, Bio. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| M.A. / <u>M.Sc.</u> / M.Com. / & equivalent | Kanpur Univrsity | 1990 | 1st Div. | Chemistry (Organic) | 1st Position | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other, if any | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Research Degree(s) : | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="0"> <thead> <tr> <th>Degrees</th> <th>Title</th> <th>Date of Award</th> <th>University</th> </tr> </thead> <tbody> <tr> <td>M.Phil. -</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><u>Ph.D.</u> / D.Phil.</td> <td>Kinetics and Mechanism of Pd (II) Catalysed Oxidation of some amino acids by N-bromosuccinimide</td> <td>1994</td> <td>Kanpur University</td> </tr> <tr> <td>D.Sc. / D.Litt. -</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td colspan="4" style="text-align: center;">Others (Please Specify)- - -</td> </tr> </tbody> </table> | | | Degrees | Title | Date of Award | University | M.Phil. - | - | - | - | <u>Ph.D.</u> / D.Phil. | Kinetics and Mechanism of Pd (II) Catalysed Oxidation of some amino acids by N-bromosuccinimide | 1994 | Kanpur University | D.Sc. / D.Litt. - | - | - | - | Others (Please Specify)- - - | | | | | | | | | | | | | | | | | | | |
| Degrees | Title | Date of Award | University | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M.Phil. - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Ph.D.</u> / D.Phil. | Kinetics and Mechanism of Pd (II) Catalysed Oxidation of some amino acids by N-bromosuccinimide | 1994 | Kanpur University | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D.Sc. / D.Litt. - | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Others (Please Specify)- - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Particulars of NET/JRF/SLET/GATE etc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="0"> <thead> <tr> <th>Name of the Test and Year applicable</th> <th>Name of the test conducting body Roll No.</th> <th>Subject</th> <th>Month Score, where</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">N.A.</td> </tr> </tbody> </table> | | | Name of the Test and Year applicable | Name of the test conducting body Roll No. | Subject | Month Score, where | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of the Test and Year applicable | Name of the test conducting body Roll No. | Subject | Month Score, where | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | : |
| | | : |
| 29 | Research Experience excluding years spent in M.Phil. / Ph.D. (in years) | : 28 years |
| 30 | Fields of Specialisation under the Subject / Discipline (if any) | : Organic Chemistry |



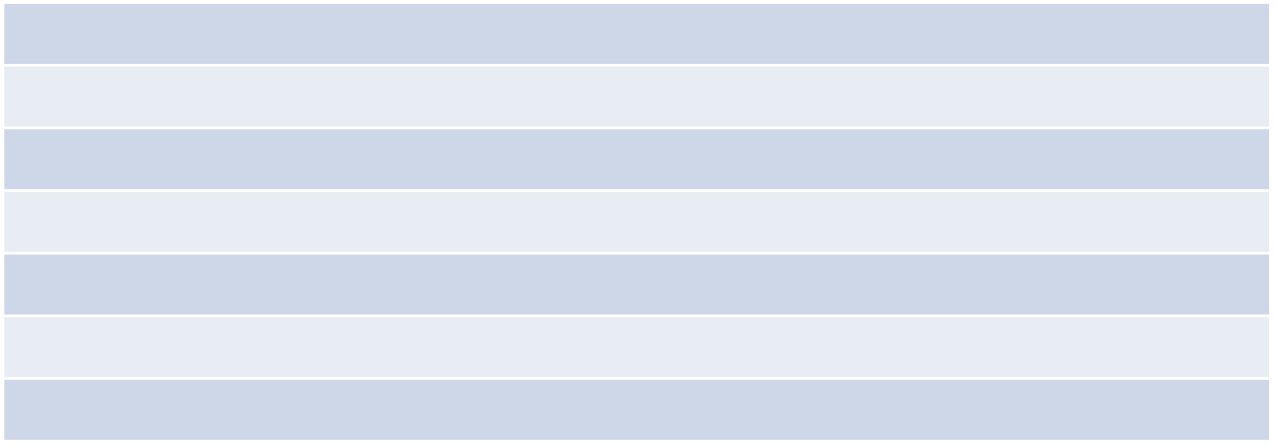
I : Research papers (Journals, etc)

| page no. of authors | Journal Name | UGC Sr.No/CARE listNO. Whether you are the First/Principal Score approved by IQAC | S.No. Year | Title with ISSN No. Impact factor as per ThomsonReuters API Score Claimed | Total No API |
|---------------------|---|---|---------------------|---|--------------|
| | | | Annexure No Page No | Screening Committee API Score approved by | |
| 1 31-34 | Kinetics and Mechanism of Pd (II) Catalysed Oxidation of some amino acids by N-bromosuccinimide, 12, (1) : | J. Chemtracks Pear reviewed 2010 | 0973-239X | 2 1 9.1 | |
| 2 | A Kinetic study of Micellar Catalysed Oxidation of Catechol by Chloramin-T, Vol. 6 (3), 357-360 | Ultra Chemistry Pear reviewed 2010 | 0973-3450 | 1 1 13 | |
| 3 | Chemical Analysis and antimicrobial activity of essential oil of Syzygium aromaticum (Myrtaceae) on Microsporum gypseum and Bipolaris spicifera. 9 (I & II) : 1-6 | J. Basic. Appl. Mycol. Pear reviewed 2010 | | 4 1 9.1 | |
| 4 | A Kinetic study of Micellar Catalysed oxidation of Resorcinol by Chloramin-T. 8 (3), 309-312 | Ultra Chemistry Pear reviewed 2012 | 0973-3450 | 2 1 9.1 | |
| 5 | Phytochemical analysis of bezene extract of Hibiscus rosa sinensis. 9(1) : 178-179 | Ultra Chemistry Pear reviewed 2013 | 0973-3450 | 2 2 9.1 | |
| 6 | Essential Oil Composition of Solvent extract of Hibiscus, rosa sinensis Flower 29 (2) : 813-814 | Oriental J. of Chemistry Pear reviewed 2013 | 0970-020X | 2 2 9.1 | |
| 7 | Kinetics and Mechanism of Pd (II) catalyzed oxidation of Ethylene Glycol by N-bromobenzamide in Acidic Medium. 6 (1) : 1-4 | J. Engg.Sc. Mgmt. Edu. Pear reviewed 2013 | 0976-0121 | 2 1 9.1 | |
| 8 157-164 | Evaluation of Antibacterial activity of Hibiscus rosa sinensis Flower Extract against E. coli and B. subtilis. 6(2) : | Biological forum an Inernational Journal Pear reviewed 2014 | 0975-1130 | 2 2 9.1 | |
| 9 31(4) : | GC-MS Analysis of Essential Oil of Turmeric Rhizome and its activity against Sporothrix schenckii fungus. | Oriental Journal of Chemistry Pear reviewed 2015 | 0970-020X | 4 1 9.1 | |
| 10 | Differential Scanning Calorimetric studies (DSC) of oxazolidon modified epoxy resin using Pyromellitic Dianhydride. (PMDA). 4(6) : 1791-1803 | Journal of Applicable Chemistry Pear reviewed 2015 | 2278-1862 | 4 2 3.9 | |
| 11 | Chemical Composition and Antifungal Activity of Essential Oil or Tubers of Cyperus Rotundus Linn. Collected From Kannauj (U.P.). 4(11) : 54-55. | IJSR Pear reviewed 2015 | 2277-8179 | 4 2 3.9 | |
| 12 5(7) : 78-79 | Quantitative and Qualitative Analysis of Phytochemicals, Present in Flower Extract of Hibiscus rosa sinensis. | IJSR Pear reviewed 2016 | 2277-8179 | 4 2 3.9 | |
| 13 | Analysis of Antioxidant Activity of tubers of Cyperus rotundus Linn. 12(1) : 15-18 | Ultra Chemistry Pear reviewed 2016 | 0973-3450 | 4 4 3.9 | |
| 14 | Studies of Ricinus Lipase Enzyme Isolated from Castor Seeds. 32, No (2) : 1235-1247 | Oriental Journal of Chemistry Pear reviewed 2016 | 0970-020X | 4 3 3.9 | |
| 15 | Evaluation of Physico-chemical parameters of Ganga River Water in Kanpur | Academic Social Research Proceeding 2016 | 2456-2645 | 4 2 3.9 | |
| 16 | Study of the Phytochemical constituents and antibacterial activity against gram positive and gram negative bacteria of the Rhizone oil of Hedychium Spicatum (Kapoor Kacchri). 13(3) : 74-76 | Ultra Chemistry Pear reviewed 2017 | 0973-3450 | 4 3 3.9 | |
| 17 | Biochemical Analysis of Castor Cave 6(6) : 94-95 | IJSRT 2017 | 2277-965 | 4.116 5 | |
| 18 | Chemical Analysis and their therapeutic activity of Ethanolic extract of Asparagus racemesus (Shatawari) Root by GC-MS. Analysis 4(6) : 163-165 | Journal of Ultra Chemistry Pear reviewed 2018 | 2319-8036 | 4 2 3.9 | |
| 19 | Comparative study of Antioxidant Activity of Root of Asparagus Racemosus in Different Solvents. 15(5) : 50-53 | Ultra Chemistry Pear reviewed 2019 | 2319-8036 | 4 3 3.9 | |
| 20 | Antioxidant Properties of Petals of Marigold Flowers, 16(4) : 46-49 | Ultra Chemistry Pear reviewed 2020 | 2319-8036 | 4 2 3.9 | |

II(a) Publications other than journal articles (books, chapters in books)

| Publishers | Year | ISSN/ISBN No. Score approved by IQAC | S.No. page no. Publisher Detail | Title of Book or chapter with Published by International/National/local | Total No of authors | Whether you are the main author | API Score Claimed | API |
|--|----------------------|---|------------------------------------|--|---|---------------------------------|-------------------|-----|
| | | | Annexure No | Page No | API Score approved by Screening Committee | | | |
| 1. Health Sciences and Radiology/Electromagnetic radiation on Human Body, 65-68 Lambert Academic Publishing | International | 2020 | 9786202-919326 | 3 | No | 5 | | |

Total API-IIIB 5



IV (b) Research Projects completed

| | <i>S. No.</i> | <i>Title</i> | <i>Funding Agency</i> | <i>Period</i> | <i>Grant/ Amount Mobilized</i> | <i>Annexure No.</i> | <i>Page No.</i> |
|-------------------|--|-----------------------------------|--|---------------|--|---------------------|-----------------|
| <i>(Rs Lakhs)</i> | <i>API Score Claimed</i> | <i>API Score approved by IQAC</i> | <i>API Score approved by Screening Committee</i> | | | | |
| 1. | Aromatic Species of India : Their Medicinal Value and Chemical Analysis | | | | | | |
| | UGC 2008-10 | 1,80,000 | 5 | | | | |
| 2. | Aromatic Species of India : Their Medicinal Value and Chemical Analysis | | | | | | |
| | UGC 2010-11 | 1,25,000 | 5 | | | | |
| | Total API | 10 | | | | | |

Recommendation of Screening-cum-Evaluation /Selection Committee