



DEPARTMENT OF CHEMISTRY
ABV GOVT DEGREE COLLEGE SUNNI
DISTT SHIMLA
(AFFILIATED TO HP UNIVERSITY)

Name Dr. Man Mohan

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Email ID: manthakur55555@gmail.com

1. PROFESSIONAL EXPERIENCE

Department: Chemistry

Designation: Assistant Professor

Teaching Experience:

Accounts and Audit Experience:

2. EDUCATION CREDENTIALS

| Sr. No. | Examination | Year | University | Specialization |
|---------|-------------|------|---------------------------|-------------------|
| 1 | Metric | 2005 | HPBSE | ----- |
| 2 | +2 | 2007 | HPBSE | Non-Medical |
| 3 | B.Sc. | 2010 | HPU | Non-Medical |
| 4 | B.Ed | 2011 | HPU | Non-Medical |
| 5 | M.Sc. | 2013 | HPU | Organic Chemistry |
| 6 | GATE | 2014 | MHRD, Government of India | Chemical Sciences |
| 7 | GATE | 2015 | MHRD, Government of India | Chemical Sciences |
| 8 | NET | 2015 | CSIR-UGC | Chemical Sciences |
| 9 | SET | 2018 | HPPSC | Chemical Sciences |
| 10 | GATE | 2022 | MoE, Government of India | Chemical Sciences |
| 11 | Ph.D | 2023 | HPU | Organic Chemistry |

3. IT SKILL&DATA ANALYSIS SOFTWARE EXPERTISE

| Sr. No. | Software | Expertise in |
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4. PERSONAL INFORMATION

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| Name | <i>Dr. Man Mohan</i> |
| Father Name | Mr. Duni Chand |
| Mother Name | Mrs. Mathara Devi |
| Date Of Birth | <u>15/11/1987</u> |
| Language Known | Hindi, English and Sanskrit |
| Marital Status | Single |
| Nationality | Indian |
| Gender | Male |
| Address | Village Sandoa p/o Dharogra, Tehsil Sunni district Shimla, Himachal Pradesh Pincode: 171019 |

5. Paper Published

| Sr. No. | Paper Published in Peer Reviewed and Refereed Journal and UGC Care Listed Journal |
|-----------|---|
| 1 | Synthesis and characterization of arabinosyl-bis[2-(methacryloyloxy)ethyl] phosphate crosslinked copolymer network by high energy gamma radiation for use in controlled drug delivery applications International Journal of Biological Macromolecules, 200 (2022): 206-217. [Elsevier] (ISSN 0141-8130) |
| 2 | Exploration of the high energy radiation for the designing of psyllium-poly (MEDSAH) zwitterionic superabsorbent hydrogels for biomedical uses Materialia, 26 (2022):101641. [Elsevier] (ISSN 2589-1529) |
| 3 | Development of dietary fiber psyllium based hydrogel for use in drug delivery applications Food Hydrocolloids for Health, 2 (2022): 100059. [Elsevier] (ISSN 2667-0259) |
| 4 | Synthesis of hydrocortisone containing dietary fiber almond gum-based hydrogels as sustained drug delivery carriers for use in colon inflammation Food Hydrocolloids for Health, 2(2022):100057. [Elsevier] (ISSN 2667-0259) |
| 5 | Fabrication of arabinosyl psyllium-phosphated polymers for biomedical applications Bioactive Carbohydrates and Dietary Fibre, 29, (2023) 100351. [Elsevier] (ISSN 2212-6198) |
| 6 | Synthesis and Characterization of Arabinosyl Psyllium Mucilage-2-methacryloyloxyethyl Trimethylammonium Chloride Copolymeric Hydrogel by Gamma Radiation for Use in Drug Delivery Applications Polymer Science, Series B, 64(1) (2022): 55-67. [Springer] (ISSN 1560-0904) |
| 7 | Design of ciprofloxacin impregnated dietary fiber psyllium-moringa gum-alginate network hydrogels via green approach for use in gastro-retentive drug delivery system Bioactive Carbohydrates and Dietary Fibre, 29(2023): 100345. [Elsevier] (ISSN 2212-6198) |
| 8 | Development of dietary fibers moringa-sterculia gum hydrogel for drug delivery applications Food Hydrocolloids for Health, 2 (2022): 100095. [Elsevier] (ISSN 2667-0259) |
| 9 | Synthesis and characterization of the azadirachta indica gum–polyacrylamide interpenetrating network for biomedical applications Carbohydrate Polymer Technologies and Applications, 1 (2020): 100017. [Elsevier] (ISSN 2666-8939) |
| 10 | Synthesis and Characterization of Psyllium Polysaccharide–Poly (2-hydroxypropyl methacrylate)– Poly (acrylamide) Hydrogels for Use in Sustained Drug Delivery Applications .” Polymer Science, Series B, 62(2020): 685-696. [Springer] (ISSN 1560-0904) |
| 11 | Sustained Delivery of Pentazocine from Mucoadhesive Buccal Patches to Improve Anti-Addiction Therapy During COVID-19 Pandemic Focus On Medical Sciences Journal, 6(1), 2020. [Tehran: Parisa Bahmani] (ISSN 2645-8241) |

6. Paper Presented in Seminar and Conference

| Sr. No. | Paper Presented in international and National seminars |
|---------|---|
| 1 | Applications of high energy radiation for designing of psyllium polysaccharide based copolymeric network hydrogels for biomedical uses Sustainable Development in Chemical Sciences” under the subtheme of “Innovation, IPR, Entrepreneurship” RCPNS 2023 /(National level) on 21st and 22nd February 2023, Department of Chemistry, Punjab University, India |
| 2 | Design of dietary fiber psyllium based hydrogels by gamma radiations for use in controlled drug delivery applications Recent Advancements in Chemical Sciences: Health, Environment and Society ICRACS-2022/(International level), on 8 th and 9 th April , 2022 Department of Chemistry, Deshbandhu College, University of Delhi, India. |
| 3 | Designing Dietary Fiber Psyllium Based Hydrogel by Gamma Radiation for use in Drug Delivery Applications Recent Advances in Chemical Sciences E-ISBN : 978-93-93333-23-0/(International level) on 10 th and 11 th January 2022 Department of Chemistry Govt. College for Women, Parade Ground, Jammu, India |
| 4 | Development of psyllium-pectin based hydrogels for use in anti addiction therapy 12th National Conference on Recent Trends in Chemical and Environmental Sciences-Advanced Innovations-2020 (CESAI-2020) (National level) on February 19-20, 2020 Department of Chemistry, Punjabi University, Patiala-147002 (Punjab), India |

7. Books Published

| Sr. No. | Books Published: UG Level (As per the Syllabus of HP University) |
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8. Training Programs, Orientations & Refresher course Attended

| Sr. No. | Workshop;FDP;Induction; Refresher Courses etc. |
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| 1 | Training Programme on “Significance of Calibration of Measuring Equipment & Its Impact in Research” Organized by National Research & Technology Consortium (NRTC) Parwanoo and Department of Biotechnology Himachal Pradesh University Summerhill, Shimla held on June 12-13, 2019. |

9. Any Other Achievements/Awards

| Sr. No. | Any other Academic Awards, Cultural and Sports Achievements |
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| 1 | Merit Certificate in 10 th class |
| 2 | First position in Physics in BSc 2 nd at RGDC Chaura Maidan, Shimla-4 during academic session 2008-2009 |
| 3 | Participated in quiz in HPU youth festival during academic session 2009-2010 |
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