



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 24-06-2026

## 1. Personal Profile

Title: **Dr.** First Name: **JAI PRAKASH** Last Name: **CHAUDHARY**

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

Phone No. (Office) ----- Phone No. (Residence): -----

Email: [jpsioasis@kmc.du.ac.in](mailto:jpsioasis@kmc.du.ac.in) Webpage:  
<https://sites.google.com/view/drjpchaudharykmc/home>

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

LinkedIn: <https://www.linkedin.com/feed/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net>

Google Scholar Link: <https://rb.gy/dj70xl>

Address: -----

## 2. Educational Qualifications

| Degree/ Certification | Institution                        | Year |
|-----------------------|------------------------------------|------|
| B.Sc. (Gen.)          | University of Allahabad, Allahabad | 2009 |
| MSc                   | University of Delhi, Delhi         | 2011 |

## 3. Career Profile & Administrative Assignments

| Category                   | Role/ Designation   | Department/ Committee                                | Date From - To            | Remarks  |
|----------------------------|---------------------|--|---------------------------|--|
| CAREER PROFILE             | ASSISTANT PROFESSOR | CHEMISTRY KIRORI MAL COLLEGE, DELHI                  | 07.Feb.2020 - Till date   |  |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | CHEMISTRY KIRORI MAL COLLEGE, DELHI                  | 01.Jul.2024 - 30.Jun.2025 | Admissions In-Charge B.Sc. (H) Chemistry & M.Sc. Chemistry |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | CHEMISTRY KIRORI MAL COLLEGE, DELHI                  | 01.Jul.2024 - 30.Jun.2025 | Time Table & Workload Committee                            |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE, DELHI | 01.Jul.2024 - 30.Jun.2025 |  |

|                            |                     |   |                           |  |
|----------------------------|---------------------|---|---------------------------|--|
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY KIRORI MAL COLLEGE, DELHI | 01.Jul.2024 - 30.Jun.2025 |  |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | RESEARCH COUNCIL KIRORI MAL COLLEGE, DELHI                                      | 13.Jun.2023 - 30.Jun.2026 |  |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | CHEMISTRY KIRORI MAL COLLEGE, DELHI   | 01.Jul.2024 - 30.Jun.2025 | Convenor, Lab Management Committee   |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER              | CHEMISTRY KIRORI MAL COLLEGE, DELHI   | 01.Jul.2024 - 30.Jun.2025 | Member of Purchase Committee   |
| ADMINISTRATIVE ASSIGNMENTS | ASSISTANT PROFESSOR | CHEMISTRY KIRORI MAL COLLEGE, DELHI   | 06.Mar.2025 - 07.Mar.2025 | Member of Organising Team for Two-day Workshop on Design Thinking and Start-up Organised by Career Development Centre, Kirori Mal College, University of Delhi |
| ADMINISTRATIVE ASSIGNMENTS | CONVENER            | CHEMISTRY KIRORI MAL COLLEGE, DELHI   | 20.Sep.2024 - 08.Oct.2025 | Lab Renovation, Development & Maintenance Committee, Department of Chemistry Kirori Mal College, University of Delhi   |

#### 4. Other Profiles

##### Other Profile Name/ Description

##### PATENTS

Ramavatar Meena, P. K. Ghosh, D. R Chejara, K. Eswaran, A.K. Siddhanta, K. Prasad, **Jai Prakash Chaudhary**. Biodegradable hydrophobic composite materials and process for the preparation thereof. (*US Patent: 9556328; 31/01/2017*).

##### PATENTS

Ramavatar Meena, P. K. Ghosh, D. R Chejara, K. Eswaran, A.K. Siddhanta, K. Prasad, **Jai Prakash Chaudhary**. Biodegradable hydrophobic synthetic materials, and the manufacturing process. (*JP Patent: 6336457 06/06/2018*)).

##### PATENTS

Ramavatar Meena, **Jai Prakash Chaudhary**, Process for the preparation of graded Agarose from seaweed extract. (*Date of Grant: 07/01/2022, Patent No: 385582*)

##### PATENTS

Ramavatar Meena, N. Sanandiya, **Jai Prakash Chaudhary**, D. Mondal & S K Nataraj. Seaweed Polysaccharides Based Superhydrophilic Foam Membrane for Energy-Efficient Oil-water Separation. (*US Patent: 10688446; 23/06/2020*)

##### PATENTS

Chinmay Ghoroi, **Jai Prakash Chaudhary**, Sophia Varghese, Porous Iron-based Magnetic Nano-Biocomposite Carrier for Anti-Cancer Drugs and Process for Preparing The Same. (*Date of Grant: 16/02/2024 Patent No.511700*)

**AWARDS AND DISTINCTIONS**

Jean & Ashit Ganguly education scholarship by University of Delhi, Delhi.

**AWARDS AND DISTINCTIONS**

Prof. K. N. Johri memorial scholarship by the University of Delhi, Delhi.

**AWARDS AND DISTINCTIONS**

Start-up Grant of 10 lakhs under the Start-up/innovation scheme of GOG.

**AWARDS AND DISTINCTIONS**

D. S. Kothari Post-doctoral fellowship from UGC, India.

**AWARDS AND DISTINCTIONS**

Best Poster Presentation Award in the International Conference on Smart Materials Perspective and Prospectives (SMPP-2023) Organised by the Department of Chemistry, University of Delhi in association with Indian Science Congress Association (ISCA) Delhi Chapter.

**AWARDS AND DISTINCTIONS**

Qualified CSIR-UGC (NET-LS) in Chemical Science

**AWARDS AND DISTINCTIONS**

Qualified GATE in Chemistry

**SUBJECTS TAUGHT**

Atomic Structure & Chemical Bonding, Pesticide Chemistry, Prospecting E-Waste for Sustainability, Science & Society, Separation Methods-I & II, Coordination Chemistry, Bio-Inorganic Chemistry, Novel Inorganic Solids, Green Methods in Chemistry, Elements in Biological Systems

**AREAS OF INTEREST/ SPECIALIZATION**

Extraction & Modification of Polysaccharides, Hydrogels, Bio-based Materials, Nanomaterials/ nano-composites, Energy Materials, Sensors, Membrane Separation and Wastewater Treatment etc.

**WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

Member of Organising Team for Two-day Workshop on Design Thinking and Start-up Organised by Career Development Centre, Kirori Mal College, University of Delhi

**WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

Member of Organising Team for Two-day Workshop on Design Thinking and Start-up Organised by Career Development Centre, Kirori Mal College, University of Delhi

**WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED**

Certificate of Recognition as Member of Organising Team for a Two-Day Workshop on Design Thinking and Start-up Organised by Career Development Cell, Kirori Mal College, University of Delhi from 06 March - 07 March 2025

## 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  | Publ (Month) Year |
|-------------------------------|---|------------------------------------|--|---|-------------------|
| JOURNAL PAPER (National)      | One-pot synthesis of biodiesel from high fatty acid <i>Jatropha curcas</i> oil using the bio-based basic ionic liquid as a catalyst   | Current Science                    | E. R. Reddy, M. Sharma, Jai Prakash Chaudhary, H. Bosamiya, R. Meena (Joint Author)  | <a href="https://www.jstor.org/stable/24102486">https://www.jstor.org/stable/24102486</a> | May 2014          |
| JOURNAL PAPER (International) | Surfactant-induced coagulation of agarose from aqueous extract of <i>Gracilaria dura</i> seaweed as an energy-efficient alternative to the conventional freeze-thaw process | RSC Advances                       | Ramavatar Meena, Jai Prakash Chaudhary, Shruti chaterji, Pradeep Agrawal, Hiren D Raval, Pratiyous Maiti, Kamalesh Prasad, Arup Kumar Siddhanta (Joint Author) | <a href="https://doi.org/10.1039/C4RA04476B">https://doi.org/10.1039/C4RA04476B</a>       | June 2014         |
| JOURNAL PAPER (International) | Simultaneous dehydration of biomass derived sugars to 5-hydroxymethyl furfural (HMF) and reduction of graphene oxide in ethyl lactate: One pot dual chemistry               | RSC Advances                       | D. Mondal, Jai Prakash Chaudhary, M. Sharma, K. Prasad (Joint Author)  | <a href="https://doi.org/10.1039/C4RA05049E">https://doi.org/10.1039/C4RA05049E</a>       | June 2014         |
| JOURNAL PAPER (International) | Preparation and functional evaluation of agarose derivatives  | Journal of Applied Polymer Science | Jai Prakash Chaudhary, Stalin Kondavetti, Vishal Gupta, Kamalesh Prasad & Ramavatar Meena (First Author)   | <a href="https://doi.org/10.1002/app.40630">https://doi.org/10.1002/app.40630</a>         | March 2014        |

|                               |   |  |  |   |               |
|-------------------------------|---|--|--|---|---------------|
| JOURNAL PAPER (International) | Bio-based Super Hydrophilic Foam Membranes for Oil-Water Separation   | Green Chemistry  | Jai Prakash Chaudhary, Sanna Kotrappanavar Nataraj, Azaz Gogda, Ramavatar Meena (First Author)                                     | <a href="https://doi.org/10.1039/C4GC01070A">https://doi.org/10.1039/C4GC01070A</a>                               | July 2014     |
| JOURNAL PAPER (International) | Newly developed nano-biocomposite embedded hydrogel to enhance drug loading and modulated release of anti-inflammatory drug | Pharmaceutical Development and Technology                        | S Varghese, J P Chaudhary, P Thareja, C Ghoroi (Joint Author)  | <a href="https://doi.org/10.1080/10837450.2023.2193254">https://doi.org/10.1080/10837450.2023.2193254</a>         | March 2023    |
| JOURNAL PAPER (International) | Regulation of nanostructured polyaniline synthesis and its properties through organic solvent in interfacial polymerization | Colloids and Surfaces A: Physicochemical and Engineering Aspects | Rajeev Gupta, Monika Singhal, Jai Prakash Chaudhary (Joint Author)   | <a href="https://doi.org/10.1016/j.colsurfa.2021.127806">https://doi.org/10.1016/j.colsurfa.2021.127806</a>       | October 2021  |
| JOURNAL PAPER (International) | Gas assisted in situ biomimetic mineralization of bacterial cellulose/calcium carbonate bio composites by bacteria          | International Journal of Biological Macromolecules               | Bianjing Sun, Jianbin Lin, Tao Wang, Mengdi Liu, Lei Yang, Bo Ma, Jai Prakash Chaudhary, Chuntao Chen, Dongping Sun (Joint Author) | <a href="https://doi.org/10.1016/j.ijbiomac.2021.05.171">https://doi.org/10.1016/j.ijbiomac.2021.05.171</a>       | May 2021      |
| JOURNAL PAPER (International) | Defect enrich ultrathin TiO <sub>2</sub> nanosheets for rapid adsorption and visible light mediated PPCPs degradation       | Chemosphere  | Xiao Qu, Jianbin Lin, Jai Prakash Chaudhary, Bianjing Sun, Feng Wei, Mengmeng Fan, Dongping Sun (Joint Author)                     | <a href="https://doi.org/10.1016/j.chemosphere.2020.128782">https://doi.org/10.1016/j.chemosphere.2020.128782</a> | October 2020  |
| JOURNAL PAPER (International) | Construction of silver nanoparticles anchored in carbonized bacterial cellulose with enhanced antibacterial properties      | Colloids and Surfaces A: Physicochemical and Engineering Aspects | Bo Ma, Jai Prakash Chaudhary, J Zhu, B Sun, C Chen, D Sun (Joint Author)   | <a href="https://doi.org/10.1016/j.colsurfa.2020.125845">https://doi.org/10.1016/j.colsurfa.2020.125845</a>       | November 2020 |
| JOURNAL PAPER (International) | One Step Dry Synthesis of Iron based Nano Bio-composite for Control Release of Drug   | RSC Advances   | Sophia Varghese, Jai Prakash Chaudhary, Chinmay Ghoroi (Joint Author)  | <a href="https://doi.org/10.1039/D0RA01133A">https://doi.org/10.1039/D0RA01133A</a>                               | March 2020    |

|                               |  |  |  |   |              |
|-------------------------------|--|--|--|---|--------------|
| JOURNAL PAPER (International) | Ni nanoparticle carbonized bacterial cellulose composites for the catalytic reduction of highly toxic aqueous Cr (VI)  | Journal of Materials Science- Materials in Electronics | Bo Ma, Jai Prakash Chaudhary, J Zhu, B Sun, Y Huang, D Sun (Joint Author)  | <a href="https://doi.org/10.1007/s10854-020-03270-5">https://doi.org/10.1007/s10854-020-03270-5</a>         | March 2020   |
| JOURNAL PAPER (International) | Carboxymethylagarose based Multifunctional Hydrogel with super stretchable, self-healable having film and fiber forming ability                                  | Arabian Journal of Chemistry                           | Jai Prakash Chaudhary, F. Kholiya, N. Vadodariya, A. Gogda, V. M. Budheliya, R. Meena (First Author)                               | <a href="https://doi.org/10.1016/j.arabjc.2017.12.034">https://doi.org/10.1016/j.arabjc.2017.12.034</a>     | January 2020 |
| JOURNAL PAPER (International) | Anionic carboxymethylagarose-based pH-responsive smart superabsorbent hydrogels for controlled release of anticancer drug  | International Journal of Biological Molecules          | Huma Khan, Jai Prakash Chaudhary, R. Meena (Joint Author)  | <a href="https://doi.org/10.1016/j.ijbiomac.2018.12.045">https://doi.org/10.1016/j.ijbiomac.2018.12.045</a> | March 2019   |
| JOURNAL PAPER (International) | Self-doped interwoven carbon network derived from <i>Ulva fasciata</i> for all solid supercapacitor devices: Solvent-less approach to a scalable synthetic route | ACS Sustainable Chemistry & Engineering                | Jai Prakash Chaudhary, Rajeev Gupta, Ashesh Mahto, Nilesh Vadodariya, Sanna Kotrappanavar, Nataraj, Ramavatar Meena (First Author) | <a href="https://doi.org/10.1021/acssuschemeng.8b02831">https://doi.org/10.1021/acssuschemeng.8b02831</a>   | June 2019    |
| JOURNAL PAPER (International) | Graded agaroses directly from seaweed biomass: a sustainable tool for developing clean chemical process  | Journal of Process Biochemistry                        | Nilesh Vadodariya, Jai Prakash Chaudhary, Hiren D. Raval, Ramavatar Meena (Joint Author)   | <a href="https://doi.org/10.1016/j.procbio.2018.01.005">https://doi.org/10.1016/j.procbio.2018.01.005</a>   | March 2018   |

|                               |   |                                       |   |   |            |
|-------------------------------|---|---------------------------------------|---|---|------------|
| JOURNAL PAPER (International) | Solvent-free production of nano-FeS anchored Graphene from <i>Ulva fasciata</i> : A Scalable synthesis of super-adsorbent for lead, chromium and dyes | Journal of Hazardous Materials        | Ashesh Mahto, Anshu Kumar, Jai Prakash Chaudhary, Madhuri Bhatt, Atul Kumar Sharma, Parimal Paul, Sanna Kotrappanavar Nataraj, Ramavatar Meena (Joint Author) | <a href="https://doi.org/10.1016/j.jhazmat.2018.03.054">https://doi.org/10.1016/j.jhazmat.2018.03.054</a> | July 2018  |
| JOURNAL PAPER (International) | Functionalized seaweed-derived graphene/polyaniline nanocomposite as efficient energy storage electrode   | Journal of Applied Electrochemistry   | R. Gupta, N. Vadodariya, Jai Prakash Chaudhary, D. Parmar, D. N. Srivastava, S. K. Nataraj, R. Meena (Joint Author)   | <a href="https://doi.org/10.1007/s10800-017-1120-z">https://doi.org/10.1007/s10800-017-1120-z</a>         | Nov 2017   |
| JOURNAL PAPER (National)      | Experimental cultivation of <i>Gelidium pusillum</i> in open sea along the south east Indian coast  | Indian Journal of Geo Marine Sciences | V. Veeragurunathan, N. Vadodariya, Jai Prakash Chaudhary, A. gogda, K. R. Saminathan, R. Meena (Joint Author)   | IJMS 47(2) 336-345.pdf  | Febru 2018 |
| JOURNAL PAPER (National)      | Graphene oxide Reduction activity of Seaweed polymer derivatives: Efficient Bio-based alternatives  | Current Science                       | N. Vadodariya, Jai Prakash Chaudhary, F. Kholiyaa, M. Sharma, R. Meena (Joint Author)   | <a href="https://www.jstor.org/stable/26493040">https://www.jstor.org/stable/26493040</a>                 | Octob 2017 |
| JOURNAL PAPER (International) | Synthesis of bio-based aldehyde from seaweed polysaccharide and its interaction with bovine serum albumin   | Carbohydrate Polymers                 | F. kholiya, Jai Prakash Chaudhary, N. Vadodariya, R. Meena (Joint Author)   | <a href="https://doi.org/10.1016/j.carbpol.2016.05.022">https://doi.org/10.1016/j.carbpol.2016.05.022</a> | Octob 2016 |

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|-------------------------------|--|------------------------------------|--|---|---------------|
| JOURNAL PAPER (International) | Chitosan-Based Aerogel Membrane for Robust Oil-in-Water Emulsion Separation  | ACS Applied Materials & Interfaces | Jai Prakash Chaudhary, Nilesh Vadodariya, Sanna Kotrappanavar Nataraj, Ramavatar Meena (First Author)  | <a href="https://doi.org/10.1021/acsami.5b08705">https://doi.org/10.1021/acsami.5b08705</a>               | October 2015  |
| JOURNAL PAPER (International) | Fabrication of carbon and sulphur-doped nanocomposites with seaweed polymer carrageenan as efficient catalyst for rapid degradation of dye pollutants using solar concentrator | RSC Advances                       | Jai Prakash Chaudhary, Ashesh Mahto, Nilesh Vadodariya, Faisal Kholiya, Subarna Maiti, Sanna Kotrappanavar Nataraj, Ramavatar Meena (First Author) | <a href="https://doi.org/10.1039/C6RA10317K">https://doi.org/10.1039/C6RA10317K</a>                       | June 2016     |
| JOURNAL PAPER (National)      | Functional modification of agarose: Synthesis of nanosize half-esters of succinic, phthalic and maleic acids   | Indian Journal of Chemistry        | S. Kondaveeti, N. A. Chudasama, Jai Prakash Chaudhary, R Meena & A K Siddhanta (Joint Author)  | IJCA 54A(6) 734-743.pdf   | June 2015     |
| JOURNAL PAPER (International) | Carboxymethylagarose-AuNPs generated through green route for selective detection of Hg <sup>2+</sup> in aqueous medium with a blue shift                                       | Carbohydrate Polymers              | Jai Prakash Chaudhary, Anshu kumar, Parimal paul, Ramavatar Meena (First Author)   | <a href="https://doi.org/10.1016/j.carbpol.2014.10.016">https://doi.org/10.1016/j.carbpol.2014.10.016</a> | March 2015    |
| JOURNAL PAPER (National)      | Seaweed-derived polymeric materials for multiapplications including marine algal cultivation   | RSC Advances                       | Jai Prakash Chaudhary, Dharmesh R Chejara, K. Eswaran, Ramavtar Meena, Pushpito K Ghosh (First Author)   | <a href="https://doi.org/10.1039/C5RA00929D">https://doi.org/10.1039/C5RA00929D</a>                       | February 2015 |

|                               |  |                            |  |   |               |
|-------------------------------|--|----------------------------|--|---|---------------|
| JOURNAL PAPER (International) | A green and sustainable approach to utilize bio-ionic liquids for the selective precipitation of high purity agarose from an agarophyte extract                      | Green Chemistry            | M. Sharma, Jai Prakash Chaudhary, D. Mondal, K. Prasad, R. Meena (Joint Author)  | <a href="https://doi.org/10.1039/C4GC02498B">https://doi.org/10.1039/C4GC02498B</a>                       | February 2015 |
| JOURNAL PAPER (International) | Agarose based multifunctional materials: Evaluation of thixotropy, self-healability and stretchability   | Carbohydrate polymer       | Jai Prakash Chaudhary, Dharmesh R Chejara, Dipak Makwana, Kamalesh Prasad, Ramavatar Meena (First Author)  | <a href="https://doi.org/10.1016/j.carbpol.2014.08.024">https://doi.org/10.1016/j.carbpol.2014.08.024</a> | December 2014 |
| JOURNAL PAPER (International) | Elimination of gibberellin from <i>Kappaphycus alvarezii</i> seaweed sap foliar spray enhances corn stover production without compromising the grain yield advantage | Plant Growth Regulation    | D. Mondal, A. Ghosh, K. Prasad, S. Singh, N. Bhatt, S. T. Zodape, Jai Prakash Chaudhary, J. Chaudhari, P. B. Chatterjee, A. Seth, P. K. Ghosh (Joint Author) | <a href="https://doi.org/10.1007/s10725-014-9967-z">https://doi.org/10.1007/s10725-014-9967-z</a>         | August 2014   |
| CHAPTER (International)       | Seaweed Polysaccharides Based New Hydrogel Materials: A Green Approach   | Apple Academic Press       | Jai Prakash Chaudhary & Ramavatar Meena (First Author)   |   | August 2015   |
| CHAPTER (International)       | Synthesis of functional derivatives of cellulose for wider applications  | Nova Science Publishers    | Nilesh Vadodariya, Jai Prakash Chaudhary (Joint Author)  |   | August 2015   |
| CHAPTER (International)       | Low Carbon Materials: Unlocking Economic and Environmental Benefits  | Royal Society of Chemistry | Jai Prakash Chaudhary, Mukesh Chandra Joshi, Kamla Rawat (Corresponding Author)  | <a href="https://doi.org/10.1039/9781837676064">https://doi.org/10.1039/9781837676064</a>                 | December 2015 |

|                       |   |                          |   |   |               |
|-----------------------|---|--------------------------|---|---|---------------|
| CHAPTER<br>(National) | Seaweed Polysaccharide-based Fluorogenic and Thixotropic Ionogel: Synthesis and Characterisation        | Studera Press, New Delhi | Jai Prakash Chaudhary, Ramavatar Meena, Nilesh Vadodariy, Faisal Kholiy, Stalin Kondaveeti (First Author) | <a href="https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/">https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/</a> | Janua<br>2026 |
| CHAPTER<br>(National) | Green Synthesis of Silver Nanoparticle: Using Seaweed Aqueous Extract Containing Seaweed Polysaccharide | Studera Press, New Delhi | Ramavatar Meena, Faisal Kholiya, Nilesh Vadodariya, Jai Prakash Chaudhary (Joint Author)                  | <a href="https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/">https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/</a> | Janua<br>2026 |
| CHAPTER<br>(National) | Seaweed Polysaccharides-Based Porous Membranes for Separations Under Gravity Driven Force               | Studera Press, New Delhi | Ramavatar Meena, Jai Prakash Chaudhary, A. Singh, A. Meena (Joint Author)                                 | <a href="https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/">https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/</a> | Janua<br>2026 |
| CHAPTER<br>(National) | Functional Modification of Seaweed-based Polysaccharide   | Studera Press, New Delhi | Ramavatar Meena, Jai Prakash Chaudhary (Joint Author)   | <a href="https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/">https://studerapress.com/books/seaweed-based-valuable-products-production-functionalization-and-applications/</a> | Janua<br>2026 |

## 8. Books

| Category | Book Name | Title | Name of Author | ISSN/ ISBN Number |
|----------|-----------|-------|----------------|-------------------|
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## 9. Faculty Achievements

| Year | Category of Achievement   | Role                | National/ International etc. | Name   | Date From-To              |
|------|---------------------------|---------------------|------------------------------|--|---------------------------|
| 2024 | REFRESHER COURSE ATTENDED | ASSISTANT PROFESSOR | National                     | 2 weeks online Refresher Course in Environmental Studies and Eco-centric Development (IDC) | 27.Aug.2024 - 09.Sep.2024 |

**Dr. JAI PRAKASH CHAUDHARY**