## **Department of Food Engineering and Technology**

## **Research Paper Published 2024-25**

| Name of the author/s        | Title of paper  | Name of journal          | Volume,<br>Month, PP, | Year of Publication |
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|                             |   |                          | ISSN Number           |                     |
| Habib, M., Singh, S.,       | Carbon Pricing and the Food System: Implications for  | Trends in Food Science   | <i>150</i> , 104577,  | 2024                |
| Bist, Y., Kumar, Y., Jan,   | Sustainability and Equity                             | & Technology             | Aug                   |                     |
| K., Bashir, K., &           |   |                          |                       |                     |
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| Singh, D. K., Kurichh, R.,  | Effect of Microwave Roasting on the                   | Journal of Food          | 2024(1),              | 2024                |
| Bist, Y., Kheto, A.,        | Physicochemical, Functional, Rheological, and         | Processing and           | 6861190, Aug          |                     |
| Kumar, Y., Sharma, R.,      | Antioxidant Properties of Kodo Millet Flour           | Preservation             |                       |                     |
| & Saxena, D. C.             |   |                          |                       |                     |
| Bashir, K., Jan, S., Habib, | Utilization of agro-industrial wastes (banana peel):  | Biomass Conversion and   | 1-17, Aug             | 2024                |
| M., Saxena, D. C.,          | development, characterization, and classification of  | Biorefinery              |                       |                     |
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| & Jan, K.                   |   |                          |                       |                     |
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| Thakur, D., Nagar, M., &    | in biopolymers based intelligent food packaging films | Biological               | Sept.                 |                     |
| Saxena, D. C.               |   | Macromolecules           |                       |                     |
| Bist, Y., Sharanagat, V.    | Unveiling the synergistic effect of octenyl succinic  | International Journal of | <i>280</i> , 136024,  | 2024                |
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| Bist, Y., Sharanagat, V.    | Guinea Grass Seed Starch Nanoparticles and Their      | Starch-Stärke            | <i>77 (3)</i> ,       | 2025                |
| S., & Saxena, D. C.         | Modification: Characterization and Applications in    |                          | 2400172, Feb          |                     |
|                             | Pickering Emulsions                                   |                          |                       |                     |
| Kumar, Y., Bist, Y.,        | Cold plasma induced morphological, structural,        | Innovative Food Science  | 100, 103908,          | 2025                |
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| & Bashir, K.                | alternative for lactose intolerance and casein allergy   | Characterization         |                       |      |
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| Mali, P.S. and Kumar, P.    | Effect of ultrasound assisted extraction and simulated   | Journal of Food          | August 2024,          | 2024 |
|                             | in vitro gastrointestinal digestion on phenolic  | Measurement and          | https://doi.org/1     |      |
|                             | compound profile, bio-accessibility, and LC-ESI-   | Characterization         | <u>0.1007/s11694-</u> |      |
|                             | QTOF-MS analysis of black beans (Phaseolus   |                          | <u>024-02797-z</u> .  |      |
|                             | vulgaris L.) extract.  |                          | 2193-4134             |      |
| Mali, P.S. and Kumar, P.    | Antinutritional, functional, thermal, rheological  | Journal of Food          | December              | 2024 |
|                             | properties, and in vitro digestibility of soaked and   | Measurement and          | 2024,                 |      |
|                             | germinated black bean ( <i>Phaseolus vulgaris</i> L.) flours.  | Characterization.        | https://doi.org/1     |      |
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| Nanda                    |  | Analysis                | - 10-001-             |      |
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|                                | honey fillings formulated with rind from watermelon       | Characterization         |                        |      |
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