List of Publications:


### List of faculty projects

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Title of the Project</th>
<th>Investigator</th>
<th>Funding agency</th>
<th>Year</th>
<th>Amount (lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Process optimization for recovery and purification of Zein and xanthophyll’s (resp. valuable maize proteins and pigments) and its stability application in food products.</td>
<td>Dr. Dinesh Kumar (PI) &amp; Dr. Somesh Sharma (Co-PI)</td>
<td>DBT</td>
<td>2013-16</td>
<td>16.20</td>
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<tr>
<td>2.</td>
<td>Isolation, Optimization and cloning of nitrilase of thermophilic isolate from hot springs of Himachal Pradesh and its application in mandelic acid synthesis.</td>
<td>Dr. Amit Seth (PI)</td>
<td>DST</td>
<td>2013-16</td>
<td>18.00</td>
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<td>3.</td>
<td>Utilization of Wild Himalayan Fig for the sustainable livelihood of weaker sections of the society in mid hill region of Himachal Pradesh.</td>
<td>Dr. Somesh Sharma (PI) &amp; Dr. Pankaj Kumar Chauhan (Co-PI)</td>
<td>DST</td>
<td>2014-17</td>
<td>18.55</td>
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<td>4.</td>
<td>Identification of genes conferring beneficial biofertilizer and biocontrol activities in plantgrowth-promoting rhizobacteria (PGPR) for crop improvement</td>
<td>Dr. Adesh K Saini (PI)</td>
<td>DST</td>
<td>2013-16</td>
<td>23.45</td>
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### List of International research project

<table>
<thead>
<tr>
<th>Faculty (PI)</th>
<th>Sponsoring Agency</th>
<th>Title of project</th>
<th>Rs. (lakhs)</th>
<th>Period</th>
<th>Collaborating Institutes</th>
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<tbody>
<tr>
<td>Dr. Adesh Saini</td>
<td>Indo New Zealand project by DSTMBIE</td>
<td>Testing for the Efficacy of Functional Foods: Collaborative Development of an Assay to Determine impacts of Foods on Antioxidant Activity</td>
<td>64.80</td>
<td>2013-15</td>
<td>Shoolini University; Prof. Christine Winterbourn, University of Otago, ChristChurch, Newzealand ; Dr. Vikas Kumar, Center for Cellular and Molecular Platforms (CCMP), Bangalore</td>
</tr>
</tbody>
</table>

### List of infrastructure creation projects

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Title of the Project</th>
<th>Funding agency</th>
<th>Amount (lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Infrastructure Creation for B.Tech Food Technology under HRD scheme</td>
<td>MoFPI</td>
<td>73.71</td>
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</table>