In-House Projects

{tab=On going Projects}

Ø  P1 GEY: Genetic Enhancement of Yield and Stress Tolerance

Ø  P2 GEQ: Genetic enhancement of grain and nutritional quality for domestic and export purposes

Ø  P3 ABR: Application of biotechnology tools for rice improvement

Ø  P4 RUE: Enhancing resource and input use efficiency

Ø  P5 SSP: Sustaining rice system productivity
Ø P6 CCR: Assessing and managing crop response to climate change

Ø P7 HRI: Host-plant resistance against insect pests and its management

Ø P8 HRP: Host-plant resistance against pathogens and its management

Ø P9 IPM: Integrated Pest Management

Ø P10 TTI: Training, Transfer of Technology and Impact analysis

{tab=List of externally funded projects sanctioned during (2017-2018) }
List of sanctioned projects for the year 2017-2018

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title of the Project / Schemes</th>
<th>Name of the PI and Co-PI</th>
<th>Funding Agency</th>
<th>Duration</th>
<th>Budget (lakh Rs.)</th>
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<tbody>
<tr>
<td>1</td>
<td>Identification of novel alleles of wild rice derived bacterial blight resistance genes and their functional analysis</td>
<td>RM Sundaram (PI)</td>
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<td></td>
<td></td>
<td>GS Laha Gireesh C</td>
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DST-SERB

2018-2021

18.28

2

Characterization of strong culm Bamba Mahsuri mutants

M Sheshu Madhav (PI) Kalyani M Barbadikar R M Sundaram

DST-SERB

2018-2021

45.0

3

Genetic improvement of rice for yield, NUE, WUE, abiotic and biotic stress tolerance
S K Mangrauthia (PI)

M SheshuMadhav  G S Laha

R M Sundaram

P Senguttuvel

ICAR-NASF

2018-2021

83.85

4

Science and Engineering Research Board  Government of

Kalyani M Barbadikar(PI)

DST-SERB
ICAR-IRRI Development of high zinc rice varieties.

L V Subba Rao (PI)

C N Neeraja M S Ananatha

IRRI
ICAR-IRRI Seed dissemination and production of nucleus & breeder seed of stress tolerant varieties.
<table>
<thead>
<tr>
<th>Title</th>
<th>PI/Authors</th>
<th>Sponsor</th>
<th>Duration</th>
<th>Budget</th>
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<td>Genetic Improvement of Hybrid Parental Lines for</td>
<td>A S Hari Prasad (PI) P Senguttuvel</td>
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<td>Project Description</td>
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<td>Identification of heterotic yield QTLs</td>
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P Revathi (PI)  
S K Mangrauthia  
DST-SERB