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| Institute Name | Punjab Agricultural University |
| India Ranking 2017 ID | IR-1-O-O-U-0381 |
| Discipline | Engineering Science, Agriculture |

Sponsored Research Projects

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr No** | **Financial Year** | **Name of Faculty Principal Investigator** | **Funding Agency** | **Title of the project sanctioned order** | **Sanctioned Date** | **Amount Received (In Rupees)** | Amount received (In words) |
| **1** | 2016-17 | Director, R.S Bathinda | Director, Agriculture, Pb., Chandigarh | Cotton Development programme in Punjab for Khariff 2016. | 14-3-16 | 78,65,000 | Seventy Eight Lakh Sixty Five thousand |
| **2** | 2016-17 | Dr. Sandeep Sharma | M/s. Narmada Bio-Chemicals, Ahmedabad (Gujrat) | Effect of PROM (Phosphate rich organic manure) and Bio Gold on yield and soil properties under Rice-Wheat cropping system M/s.Narmada Bio-chemicals, Ahmedabad (Gujrat) | 23-2-16 | 8,74,200/- | Eight lakh Seventy four thousand two Hundred |
| **3** | 2016-17 | Dr. Parveen Chhuneja | DBT | Cambridge-India Network for Translational Research in Nitrogen | 09-06-16 | 46.028 Lakh | Forty Six Lakh |
| **4** | 2016-17 | Dr. (mrs.) Surekha Bhatra | DST, New Delhi | Biochemical Basis of micronutrient deficiency tolerance in triticape X wheat derivative lines. | 19-04-16 | 6.00 lakh | Six Lakh |
| **5** | 2016-17 | Dr. Monika Bansal | DST, New Delhi | Developing wheat genotypes safe for celiac patients through genome editing technologist. | 30-05-16 | 8,57,000/- | Eight lakh Fifty Seven thousand |
| **6** | 2016-17 | Dr. L.K. Dhaliwal | Pb. State Council for Science and Technology | Towards Climate Resilient Livestock Production system in Punjab. | 09-06-16 | 1st Inst. 24.76 lacs | Twenty Five Lakh |
| **7** | 2016-17 | Dr. K.K Gill | Ministry of Earth Science, Govt. of India | Gramin Krishi Mausam Sewa of Agromet field unit at Ludhiana. | 30-06-16 |  |  |
| **8** | 2016-17 | Dr. S.S. Kukkal (A.D.R) | Department of Agricultural & Cooperation, New Delhi | Study in “Impact of indiscriminate use of chemical fertilizers and pesticides”. | 01-07-16 | 9,64,160 | Nine lakh Sixty Four thousand one Hundred sixty |
| **9** | 2016-17 | Dr. Rakesh Sharda | Punjab Water Resources Management & Dev. Copt. Ltd., Chandigarh | Promotion of Micro Irrigation for command Area Dev. And water Management Programme for Kotla Branch Part II. | 19-07-16 | 107.48 lakh | One Hundred Seven Lakh |
| **10** | 2016-17 | Dr. Achla Sharma | DBT, New Delhi. | Indo-UK Centre for improvement of Nitrogen use efficiency in wheat (BT/IN/UK-VNC/43/KV/2015-16) | 09-06-16 | 22.24 lakh | Twenty two lakh |
| **11** | 2016-17 | Dr. Sukhmit singh | Punjab State Council for Science & Technology, Chandigarh | Developing of Standard operating procedures for drying of selected bio-resources of Kandi area using forced circulation solar dried. | 28-06-16 | 30,000 | Thirty thousand |
| **12** | 2016-17 | Dr. Gurinderpal singh Dhillon | Deptt. of Forest and Wild Life Preservation, Punjab, Mohali. | Enhancing in productivity of salt affected waterlogged soils through planting of genetically superior planting stock of eucalyptus and other tree species. | 07-09-16 | 17,25,000 | Seventeen lakh twenty five thousand |
| **13** | 2016-17 | Dr. Ranjit singh gill | DST, New Delhi | Fund for improvement of SKT infrastruction in Universities and higher educational institution (FIST) grant. | 18-07-16 | 50,00,000 | Fifty Lakh |
| **14** | 2016-17 | Dr. Yadwinder singh | Indian National Science Academy, New Delhi | INSA Honorary Scientist (Dr.Yadwinder Singh) | 12-04-16 | 91,600 | Ninety one thousand Six Hundred |
| **15** | 2016-17 | Dr. Gurmeet singh Dheri | SERB (DST), New Delhi | Nitrogen management to mitigate N2 O emissions in rice –wheat cropping system. | 26-09-16 | 20,92,697 | Twenty Lakh Ninety two thousand Six hundred Ninety Seven |
| **16** | 2016-17 | Dr. Rakesh Sharda | DST, New Delhi | Decision support system to estimate water requirements for the major crops. | 13-10-16 | 3,15,000 | Three lakh Fifteen thousand |
| **17** | 2016-17 | Dr. Rakesh Sharda | National Committee of Plasticulture Applications in Horticulture (HCPAH), New Delhi | Pilot project on solar powered micro irrigation. | 27-10-16 | 11.45 | Eleven Lakh |
| **18** | 2016-17 | Dr. B.S. gill | Punjab Rural Development Board, Chandigarh | Seed multiplication of soybean to promote its cultivation for crop diversification in Punjab. | 22-11-16 | 1.50 crore | One Hundred Fifty Lakh |
| **19** | 2016-17 | Dr. (ms.) Sumit Inder Kaur | DST (Seed Division), New Delhi | Development of Farmers Friendly immunochromatographic strips for detections of potato virus. | 22-11-16 | 6,53,400 | Six lakh Fifty Three Thousand four hundred |
| **20** | 2016-17 | Dr. S.S Kukkal (ADR NR & PHM) | Director, Agriculture, Punjab, Chandigarh | Preparation of District and State Irrigation plans for Punjab State | 20-12-16 | 95,00,000 | Ninety Five Lakh |
| **21** | 2016-17 | Dr. Varinderpal singh | Director, Agriculture, Punjab, Chandigarh | Promotion the adoption of need based fertilizer nitrogen management using leaf colour chart in Fatehgarh Sahib District | 24-11-16 | 3,00,000 | Three lakh |
| **22** | 2016-17 | Dr. Sarvjeet singh ADR CI | Tata Education and Development Trust, Mumbai. | Field evaluation of chickpea genotypes | 06-10-16 | 1,00,000 | One Lakh |
| **23** | 2016-17 | Dr. Navdeep Agerwal | DST, New Delhi | Information and communication technology adoption by micro small and medium enterprises in Punjab: Status, Impact and constraints. | 11-01-16 | 5,00,000 | Five Lakh |
| **24** | 2016-17 | Dr. Sarvjeet singh ADR CI | PPV&FRA, New Delhi | Organization seminar on IPR policies. | 08-02-17 | 80,000 | Eighty thousand |
| **25** | 2016-17 | Punjab govt. | Punjab State Council for Science & Technology, Chandigarh | Publication of pamphlet on climate change & effects on Agriculture. | 06-02-17 | 30,000 | Thirty thousand |
| **26** | 2016-17 | Dr. Jaspal Kaur | SERB (DST), New Delhi | Aegilops speltoides as a source of resistance against spot blotch of wheat. | 20-01-16 | 32,15,520 | Thirty Two Lakh Fifteen thousand Five hundred twenty |
| **27** | 2016-17 | Dr. M.S. Bhullar | M/s. Bayer Crop Science Ltd. | Efficacy of pre-and post-emergence herbicide under micro irrigation for weed control in wheat. | 08-11-16 | 15,84,330 | Fifteen Lakh Eighty Four thousand Three Hundred Thiry |
| **28** | 2016-17 | Dr. Pardeep kumar chhuneja | National Bee Board, Deptt. of Agri. Cooperation and farmers welfare, New Delhi. | Setting up of integrated Bee keeping development centre (IBDC/ Centre of excellence (COE) at PAU, Ludhiana, Punjab. | 01-03-17 | 1,31,35,000 | One Crore Thirty one lakh Thirty Five Thousand |
| **29** | 2016-17 | Dr. Yadhu Suneja | SERB (DST), New Delhi | Reducing acrylamide forming potential forming potential of wheat using natural and genome editing induced genetic variation at TaASN2 lotus | 21-03-17 | 38,87,648 | Thirty Eight lakh Eighty Seven Thousand six Hundred Forty Eight |
| **30** | 2016-17 | Dr. Simarjit Kaur | BRNS , Mumbai | Development of high yielding naked barley variety suitable as food purpose using mutagenesis approach | 01-03-17 | 22,54,500 | Twenty Two lakh Fifty Four Thousand Five Hundred |
| **31** | 2016-17 | Dr. Swati Kapoor | SERB (DST), New Delhi | Development of edible coating from tomato and guava seed oil for shelf life extension of their fresh fruits | 27-12-17 | 27,28,192 | Twenty Seven lakh Twenty Eight thousand One Hundred Ninety Two |
| **32** | 2016-17 | Dr. Johar singh saini | BIRAC, (DBT)  New Delhi | Development of heat tolerant, high yielding and climate resilient wheat cultivars by utilizing genomics, molecular and physiological information and resources ( Nodal Centre) | 15-12-17 | 2,19,78,000 | Two Crore Nineteen Lakh Seventy Eight Thousand |
| **33** | 2016-17 | Dr. Johar singh saini | BIRAC, (DBT)  New Delhi | Development of heat tolerant, high yielding and climate resilient wheat cultivars by utilizing genomics, molecular and physiological information and resources ( Ludhiana Centre) | 16-03-17 | 1,37,80,000 | One Crore Thirty Sevn Lakh Eighty Thousand |
| **34** | 2016-17 | Dr. Anureet Kaur | SERB (DST), New Delhi | Behavioral physiology of tobacco caterpillar, spodeptera litura (Fabricious) and Brinjal Shoot and Fruit Borer Leucinodes orbonalis Gnenee” | 24-03-17 | 37,42,000 | Thirty Seven Lakh Fourty Two Thosand |
| **35** |  |  | ICAR NASF | Addressing Farmers' Suicide issue through Capacity Building of Farming Families | NASF/SS-60032016-17/256 | 27.09.2016 | 13508840 |
| **36** |  |  | Early Career Research Award, SERB, DST, GOI | Reducing acrylamide forming potential of wheat using natural genetic and genome editing induced variations at TaASN2 locus | ECR/2016/06/2071 | 24/3/2017 | Rs.38,87,648/- |
| **37** |  |  | Indian Council of Agricultural Research, New Delhi | Characterization, mapping, transcriptome analysis of seed protein-carotene and mineral contents in Chickpea -Cicer arietinum | NASF/ABP/6007/2016-17 | 30/12/2016 | 56,21,920/- |
| **38** |  |  | Science and Engineering Research Board, New Delhi | Biochemical basis of micronutrient defiiency tolerance in triticale x wheat derivative line CSS-81 (PC-6204) | SR/WSA/LS-2016/2015-G | 19/4/2016 | Rs.17,50,000/- |
| **39** |  | Dr Seema Bedi | UGC | Physiological and molecular markers for assessing viability of vegetable seeds during storage. (UGC-11) | 1132-36 | 11.5.16 | 2,80,752/- |
| **40** |  | Dr Nirmaljit Kaur | UGC | Unraveling the physiological basis  of growth substance mediated quality and quantity improvement  of environmental of Kinnow mandarin. (UGC-12) | 1137-41 | 11.5.16 | 2,95,295/- |
| **41** |  | Dr Anjali | DST, New Delhi | Synthesis of triazolo-capped silver nanoparticles (TA-AgNPs) | SR/NM/NAT-02/2015G | 13.09.2017 | Rs.2951700 |
| **42** |  | Dr. (Mrs.) Param Pal Sahota | DST | Bioprocess development for production of debittered kinnow juice for preparing low-alcoholic naturally carbonated beverages and kinnow wine | SERB/SR/SO/PS/126/2013 | 08.06.2015 | 33 Lac |
| **43** |  |  | NSTMIS Division, DST, New Delhi | Linking R&D Activities Firm performance : A study of Indian Manufacturing Sector |  |  | 12,95,000/- |
| **44** |  | Dr. Simran K Sidhu | ICAR, New Delhi | Development and Validation of Indicators for Evolution and Monitoring Education in Agricultural Institutions | File No. 40/37/2016/EMF/HRD | 09.08.2016 | 675849 |
| **45** |  | Dr. Sukhpal Singh | ICAR, New Delhi | Regional crop Planning for Improving Resource Use Efficiency and Sustainablity | F. No. 4-5/Finance/2016-17/NIAP | 12.07.2016 | 298,794 |
| **46** |  | F. No. 4-5/Finance/2015-16/NIAP | 26.12.2016 | 149163 |
| **47** |  | Dr. Manjeet Kaur | Government of Punjab | District wise Cost of Cultivation study of Imprortant Crops in Punjab | 15514-15 | 08.08.2016 | 12000000 |
| **48** |  | Dr. Sukhpal Singh | Government of Punjab | Survey on farmers' and Agricultural labourers' suicides due to indebtedness in the Punjab State | - | - | 29,61,135(unspent balance of 2015-16) |
| **49** |  | Dr. Sukhpal Singh | GMADA, Mohali Collector, Department of Urban Development | Social Impact Assessment Study of Different land Acquisition Project in Mohali | 3127 | 21.06.2016 | 1800000 |
| **50** |  | 5265 | 13.10.2016 | 3135500 |
| **51** |  | 1455 | 22.03.2017 | 4238759 |
| **52** |  | Dr Kiran Bains | Nestle India Limited,Gurugram | Nutritional Awareness Training for girl students in rural areas | CAU-B(V)/16/ 13106-10 | 2.12.16 | 6.20 lakh |
| **53** |  | Dr. Sukhjeet Kaur | ICAR, New Delhi | Impact of experiential learning modules on Home Science students | Edn./2/11/2015-HRD | 19.1.2016 | 15.50 lakhs |
| **54** |  | Dr. Sukhdeep Kaur | ICAR, New Delhi | Employability of Home Science graduates and Post graduates of Punjab Agricultural University | Edn./2/11/2015-HRD | 21.7.16 | 4.74 lakhs |
| **55** |  | Dr. Preeti Sharma | DST, New Delhi | Social marketing of water saving technologies to mitigate the effects of climate change | CO/P/FP/G202/2013 | 22.5.2015 | 16.51 lakhs (total) 8.67 lakhs (2016-17) |