

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data only for the latest completed academic year) (5)

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs) (5)

Dept.	Academic Year	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	Proof
Department of Pharmaceutical Sciences and Technology	2020-21	Penetration enhancement study of some novel chemical permeation enhancers	Dr. Uttam Kumar mandal	Croda India Company Pvt. Ltd., Mumbai	Industry	DoPST, MRSPT U	2020	3	8 months	https://drive.google.com/file/d/1v6tMiSIVGny18UGTwij3La35-qpzlZP0/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2017-18	Formulation, characterization and in vivo efficacy of silver-lipid nanoparticles loaded with capsaicin and calcipotriene for the treatment of Psoriasis.	Dr. Uttam Kumar Mandal	Research Development Unit (RDU) of University Malaysia Pahang (UMP), Malaysia.	Non-Government	DoPST, MRSPT U	2018	6	2 years	https://drive.google.com/file/d/1TdKArEQWkg2ao30Oz1CWL83_NvTt7orp/view?usp=sharing
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3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs) (10)

Dept.	Academic Year	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in Lakhs)	Duration of the project	
Department of Pharmaceutical Sciences and Technology	2020-21	A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside for effective burn related wound healing	Dr. Uttam Kumar Mandal	ICMR	Government	DoPST, MRSPT U	2020	50	3 years	https://drive.google.com/file/d/1lzUg1LF1TUqtA3LAp_t6Ld7DYmfnH0IB/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-21	Therapeutic Potential of Dual Phosphodiesterase Inhibition in Experimental Alzheimer's Disease: Possible Role Of EPAC Signaling in Cognitive Processing	Dr. Rahul Deshmukh	ICMR	Government	DoPST, MRSPT U	2020	47	3 years	https://drive.google.com/file/d/1LNTTuSNmESU6dZKGGh5pAEoAOhZ3YwJa/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2020-21	Development of an Interactive Mobile app Q-CHECK and parameter profiling for quality certification of the herbs from North India.	Dr. Ashish Baldi	National Medicinal Plants Board, Ministry of AYUSH,	Government	DoPST, MRSPT U	2020	22.76	1 year	https://drive.google.com/file/d/1mU2ISK3aWIGQzkotM8Z1E4Yz3aOdAczJ/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-20	Fabrication of next-generation personalized oral medications for the treatment of pediatric tuberculosis with innovative 3-D printing technology.	Dr. Uttam Kumar Mandal	SERB-DST	Government	DoPST, MRSPT U	2020	23	2 years	https://drive.google.com/file/d/1wmT4fIPpWqCvUTw1MXgJCbMCKiY_yGqs/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-20	Intensifying Solubility and Bioavailability of Arteether through Molecular Encapsulation based Oral Drug Delivery System	Dr. Ashish Baldi	ICMR	Government	DoPST, MRSPT U	2019	12.6	3 years	https://drive.google.com/file/d/1AefWD2smfxQDs30rU-ubADd410REzAg6/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-19	Agro-Climatic, Economic and Good Agricultural Practices Adoption Feasibility Studies On Selected Medicinal Plants Of Punjab	Dr. Ashish Baldi	FITM	Government	DoPST, MRSPT U	2019	10	2 years	https://drive.google.com/file/d/1arUcqMqaAgp1JsKPKxdXm4hRb5lshFCK/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-19	Development of Interactive device for quality evaluation of selected Indian spices using computational techniques	Dr. Ashish Baldi	DST	Government	DoPST, MRSPT U	2019	32.67	3 years	https://drive.google.com/file/d/1xpK7qhyfEJHsQRll6qqa76lNI8dG0a5/view?usp=sharing

Department of Pharmaceutical Sciences and	2018-19	Identification of Screening Barriers for Assessment of Breast Cancer in Malwa Region of Punjab	Dr. Ashish Baldi	ICSSR, MHRD	Government	DoPST, MRSPT U	2019	10.5	2 years	https://drive.google.com/file/d/18YGIFiWlJDiPOdPsa6EwVqG0aLH/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-19	To explore the neuroprotective mechanism of BCG vaccine against animal models of Parkinson's disease, Huntington disease and	Dr. Puneet Kumar	SERB-DST	Government	DoPST, MRSPT U	2018	33	3 years	https://drive.google.com/file/d/18f5LTKiUVZkyMC6z0I5EgVbMjB8ukQ_4/view?usp=sharing

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (5)

Dept.	Academic Year	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	Proof
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Department of Pharmaceutical Sciences and Technology	2020-21	Development of an Interactive Mobile app Q-CHECK and parameter profiling for quality certification of the herbs from North India.	Dr. Ashish Baldi	National Medicinal Plants Board, Ministry of AYUSH, New Delhi	Government	DoPST, MRSPT U	2020	22.76	1 year	https://drive.google.com/file/d/1mU2ISK3aWIGQzkotM8Z1E4Yz3aOdAczJ/view?usp=sharing
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