

3.3.3.1: Total number of awards / recognitions received for research/ innovations won by institution/teachers/research scholars/students year wise during the last five years

Dept.	Academic Year	Year of Award	Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Category- institution/teacher/research scholar/student	Link to Document
Department of Pharmaceutical Sciences and Technology	2018-2019	2018	Development and characterization of arteether loaded nanostructured lipid carrier for treatment of Malaria	Nupur Madhavi	APTICON	Student	https://drive.google.com/file/d/17WprxD_Cv2Rrw1olwAGeDtqY8i6JjslG/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-2019	2018	Artificial intelligence based authentication of medicinal plants	Preet Amol Singh	LPU,Punjab	Research Scholar	https://drive.google.com/file/d/1v5GfFYsA4JZPFXCxPUXO5lnzwOnrv4LV/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-2019	2018	A novel methodology to authenticate of crude drugs using computer vision techniques	Preet Amol Singh	APTICON	Research Scholar	https://drive.google.com/file/d/1Agd2sSzREVLmaajw4vw8NS8Jc-ojvk2n/view?usp=sharing
Department of	2018-2019	2019	Formulation by design	Subh Naman	CGC,Landran	Student	https://drive.google.com/file/d/1TA3UfElCuNTDVLxJY3XYLxIGcVrZ-Jy/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-2019	2019	Novel bilayered formulation for sequential release of desmopressin acetate and tolterodine tartarate	Preet Amol Singh	Isnscon	Research Scholar	https://drive.google.com/file/d/1tz4ew51e7QgEu91KUL0s2gi-NnfZyE0m/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-2019	2019	The Assessment of Possible Role of β 2-Adrenergic Transmission in Alzheimer's Disease in Biventricular Streptozotocin	Shweta Thakur	M.M College of Pharmacy , Mullana, Ambala	Student	https://drive.google.com/file/d/1tz4ew51e7QgEu91KUL0s2gi-NnfZyE0m/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2018-2019	2019	Beneficial effect of Lycopene Against Haloperidol Induced Orofacial Dyskinesia in Rats	Parladh Ram	M.M College of Pharmacy , Mullana, Ambala	Student	https://drive.google.com/file/d/1V9tMn-15Y5HSltbM6S3NwnrTwbv1kM-_view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2018-2019	2019	Self-Double emulsified drug delivery system of pyrostigmine bromide augmented permeation across Caco-2 Cells	Neha Bajwa	Isnscon	Research Scholar	https://drive.google.com/file/d/1mf3e07R5X5TRrIOlg2jZ_ME0pd eIN1Ha/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2019	Development of Agroclimatic zoning model highlighting potential growing areas of selected medicinal plants in Punjab	Preet Amol Singh	Swami Vivekanand College of Pharmacy, Banur	Research Scholar	https://drive.google.com/file/d/1qZ1FVcaDr5bCmkAZhJKzvNgyxZSf6HLw/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2019	“Development and Characterization of Arteether loaded nanolipid carrier systems with augmented solubility and bioavailability	Neha Bajwa	LPU	Research Scholar	https://drive.google.com/file/d/1tEslvmKXt45hbB7r qwQzRrKCGz27Stu/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2019	Formulation By Design Based Optimization Of Arteether Loaded Solid Lipid Nanoparticles For Intensified Oral Bioavailability	Neha Bajwa	CGC, Landran	Research Scholar	https://drive.google.com/file/d/1Vec3ah0allgQeM0gJMZrDwemxP S8d_vF/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2019	Development of Interactive computational platform based on artificial intelligence for identification and authenticationl	Subh Naman	SVGOI Banur	Student	https://drive.google.com/file/d/15QsxF1Gx F_F0GeeaiSpNmZsNbRS0kbCX/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Targeted Anticancer Drug Delivery of Anthracycline Antibiotics Through Functionalized Quantum Dots	Tangum	Aryan College of Pharmacy, Rajpura	Student	https://drive.google.com/file/d/1G63zuwBNapt-jTgw41fTzqPUk15qw2l1/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Neuroprotective effect of Filgrastim Against Haloperidol	Abdul Kadir	Aryan College of Pharmacy, Rajpura	Student	https://drive.google.com/file/d/1M_CMxw7Z17DnQF7Fw89YUX7pKyAHtJsA/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Neuroprotective effect of Berberine against 3-Nitropropionic Acid induced Huntington's Disease like symptoms in rat	Abdul Kadir	APTI ,Adesh University	Student	https://drive.google.com/file/d/1--xXla4lo-Em-yP3OGCAJbySy9vhc79k/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Embelin restores striatal neurochemistry and attenuates MPTP-induced motor deficit in rats	Kajal	APTI,Adesh University	Student	https://drive.google.com/file/d/1KiiHMKYXrcEfr2qhZQH9-Er7ggwHJzu/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Beneficial effect of Liraglutide, GLP-1 agonist on PTZ kindling epilepsy induced comorbidities in mice	Gagandeep Jaiswal	APTI,Adesh University	Student	https://drive.google.com/file/d/10kolJhXVR4hKkhirgqx5i1Wmk-2Q4Ren/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Formulation and <i>in vitro</i> evaluation of immediate release tablet of raloxifene hydrochloride prepared by solid dispersion technique	Mohit Kumar	Panjab University	Student	https://drive.google.com/file/d/139MKFEvNH4y2_Foap6vyf_AvUfovQqmi/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Hydrophilic Matrix Based Approach to Increase the Aqueous Solubility of Arteether	Shubham Sharma	Sri Sai College of Pharmacy, Pathankot	Student	https://drive.google.com/file/d/1J9jnfUw6Tcc8e_xXXd8iR5rxaf5YnAwZ/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2019-2020	2020	Neuroprotective effect of Filgrastim against Haloperidol induced orofacial dyskinesia in rats	Abdul Kadir	MIMET, Meerut	Student	https://drive.google.com/file/d/1uDfx7_S9g2urjY27nDUnVuYYWtLc4yGs/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Transdermal Patch Formulation with Combination of Herbal and Synthetic compound for the treatment of type-2DM	Mohit Kumar	CHASCON-2020	Student	https://drive.google.com/file/d/15uhxd_9IGNGVmPIRa06uR1d3TmolJFsD/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Design and Development of Mycophenolate Mofetil Loaded Microemulsion Formulation for Topical Treatment Of Psoriasis	Mohit Kumar	Swami Vivekanand College of Pharmacy, Banur	Research Scholar	https://drive.google.com/file/d/1hEZDFjXtcWZq-MyvRMe2hOf_eoX3WZDy/view?usp=sharing

Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Role of Reverse Pharmacognosy in Drug Discovery	Sanjana	Swami Vivekanand College of Pharmacy, Banur	Student	https://drive.google.com/file/d/1bqvsBjYfuMo0R_JWo5P4z01DTWPVe-6l/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Pharmacovigilance in Ayurvedic medicines in India	Sifatjot Singh	Swami Vivekanand College of Pharmacy, Banur	Student	https://drive.google.com/file/d/1uD5SPtApRNA-Ec6Q_PS-QKupoXLZpQxC/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Role of Reverse Pharmacognosy in Drug Discovery	Ruchi Raj	Swami Vivekanand College of Pharmacy, Banur	Student	https://drive.google.com/file/d/1YRc0QN1gzvb1mORe68cOI94XHxW-mcdm/view?usp=sharing
Department of Pharmaceutical Sciences and Technology	2020-2021	2020	Pharmacovigilance in Ayurvedic medicines in India	Gurjot Singh	Swami Vivekanand College of Pharmacy, Banur	Student	https://drive.google.com/file/d/1suoRsXoyfUATjeOCBN7sKwNn36DilWaD/view?usp=sharing