

## Janki Devi Bajaj Government Girls College, Kota

### Research work undergoing in the college

S. No.	Name of supervisor	Name of the scholar	Date of Registration	Title of the work	
<b>Department of Botany</b>					
1	<b>Dr. Pratima Shrivastava</b>	Sunil Meena	30.04.2019	Physico-Chemical and Ecological Studies of Kalishindh river (Jhalawar region)	Ongoing
2		Priyal Vijayvargiya	Allotted 2022	Phytodiversity, Phytosociology and Ethnobotanical aspects of Sacred Grooves of Ecologically Significant Habitats of Bhainsrodgarh wildlife Sanctuary, Rajasthan (India)	Ongoing
3		Vivek Meena	Allotted 2022	Need and Potential of Urban Forestry in Alwar City, Rajasthan	Ongoing
4		Ankit Kumar Jangid	Allotted 2022	Study of Algal Diversity in relation to Seasonal variations and special Emphasis on their Utility as Biofertilizer in Koat Bandh Shakambhari Conservation Reserve, Jhunjhunu district (Rajasthan): The need of Present Era	Ongoing
5		Lalita Sharma	03.03.2016	Studies on incidence, impact and eco-friendly management of soil-borne fungal diseases of vegetable crops in Kota district	Submitted

6	<b>Dr. Shuchita Jain</b>	Vinod Kumari	22.02.2016	Studies on floral diversity with special reference to traditional system of medicine by rural communities of Sikar District (Rajasthan)	<b>Awarded</b>
7		Divendyu Sen	05.02.2018	Studies on flora of Gagron Fort (Jahalwar) and its environment with special reference to ecotourism	Ongoing
8		Bahadur Singh Meena	26.07.2019	Ethnobotanical and Phytochemical studies of selected medicinal plants (Family liliaceae) of Jahalwar district	Ongoing
9	<b>Dr. Alpna Johri</b>	Vijaylaxmi Nagr	2019	Flowering phenology and polination biology of <i>Datura innoxia</i> Mill.in Kota District (Rajasthan)	Ongoing
10		Rajendra Meena	2020	Phytochemical screening and analysis of antioxidatn and antimicrobial acitivities in <i>Oxystelma esculentum</i> R.Br.	Ongoing
11	<b>Dr.Poonam Jaiswal</b>	Durgalal	2016	Studies on Characterization of Soyabeen and Mustard oil Mill Effluent and Its Alternative Use in Agriculture in Bundi District of Rajasthan, India	<b>Awarded</b>
12		Suresh Singh	2018	Studies on Mycorrhizal Association of Selected Plant Species in Waste Lands in Kota District, Rajasthan	Submitted
13		Pragya Dadich	2020	Diversity Status and Distribution Pattern of Plant Species in Sawai Mansingh Wildlife Sanctuary, India	Ongoing
14		Anita Malav	2020	Diversity and Regeneration Status of Dominant Native Plant Species in Forest Region of Nanta, Kota District, Rajasthan	Ongoing

Department of Chemistry					
15	Dr Vijay Devra	Mahima Sharma	02.07.2018	Experimental investigation on green synthesis of zerovalent metal nanoparticles and their role in degradation of organic colorants	Ongoing
16		Ajay Rathore	19.06.2018	Kinetic and mechanism of electron transfer reactions: oxidation of antibacterial drugs in aqueous acid/alkaline medium	Ongoing
17		Nimish Kumar	26.07.2019	Kinetics of degradation of some organic pollutants catalyzed by metal nanoparticles synthesized using green approaches.	Ongoing
18		Preeti Bairwa	12.03.2020	Green Synthesis of Bimetallic Nanoparticles: Characterization and Applications	Ongoing
19		Anjali Singh	Allotted 2022	Bio-induced Synthesis of Biometallic Nanoparticles using <i>Azadirachta indica</i> .	Ongoing
Department of Zoology					
20	Dr. Fatima Sultana	Rukshar Bano	Allotted 2022	Status, Distribution and Occupancy of Striped Hyaena ( <i>Hyaena hyaena</i> ) in Mukandra Hills Tiger Reserve, Kota.	Ongoing
21		Mansi Khatri	Allotted 2022	Studies on Feeding and Breeding Behaviour of Indian Robin ( <i>Saxicoloides fulicatus</i> ) of Thar Desert of Bikaner District of Rajasthan, India.	Ongoing
22		Renu Meena	Allotted 2022	Study of Bird Diversity as Bioindicator in Selected Urban Green Spaces of Jhalawar District, Rajasthan, India.	Ongoing
23		Ramkesh Bairwa	Allotted 2022	Studies on Changes in Planktonic Diversity, Physiochemical Factors and Fish Productivity of Gosunda Dam, Chittorgarh, Rajasthan (India).	Ongoing

24	<b>Dr. Smriti Johari</b>	Monika Bharti	Allotted 2022	Taxonomical identification and population dynamics of Orthopterans in Iadpura region of Kota district	Ongoing
25		Roopal Jain	Allotted 2022	Study to evaluate the population dynamics of the great Indian Bustard and factors responsible for its extinction from Sorsan region Kota	Ongoing
26		Rashmi Singh	Allotted 2022	The entomofaunal study along with the identification and population dynamics of Dungbeetle in JalMahal and Jhalana Doongi region of Jaipur	Ongoing
27		Jeetendra Kumar	Allotted 2022	Studies on Taxonomy, Diversity and Distributional Status of Butterflies (Insect: Lepidoptera) of Jodhpur district of Rajasthan (India)	Ongoing
28		Sumer Singh Meena	Allotted 2022	Diversity and Distribution of Hymenoptera in Karauli District of Rajasthan and their impact on Pollination of Crops	Ongoing