

Progress Report
Botany Departmental

	Session 2021-22	Session 2022-23
Student Intake		
B.Sc. I	186	220
M.Sc. I (Under SFS)	8	16
Faculty		
Regular	<ol style="list-style-type: none"> 1. Prof. Gopal Ji Kushwaha 2. Dr. Shivendra Mohan Pandey 	<ol style="list-style-type: none"> 1. Prof. Gopal Ji Kushwaha 2. Dr. Shivendra Mohan Pandey 3. Sri Ayodhya Singh 4. Mohammad Suhel
Self-finance Scheme	<ol style="list-style-type: none"> 1. Dr. Pramod Kumar Panday 	<ol style="list-style-type: none"> 1. Dr. Pramod Kumar Panday 2. Dr. Sashi 3. Dr. Sachi Rao
Guest lectures / Seminars / Workshops conducted	-	<ol style="list-style-type: none"> 1. National Seminar on “Climate Change, Environmental Challenges and Sustainable Development” organised by Department of Geography and Botany jointly, on 3rd March, 2023.
Seminars/Conferences attended by Faculty Members	-	<ol style="list-style-type: none"> 1. International Conference on “Emerging Trends in Microbiology”, organised by Dept. of Botany, MLK P.G. College, Balarampur and Microbiologist Society of India, on Feb 28th & March 1st 2023.
RC/OC/ short term course attended by Faculty Members	<ol style="list-style-type: none"> 1. Refresher Course in “Advanced Research Methodology” organised by Teaching and Learning Centre, Ramanujan College, University of Delhi, from 21 June – 05 July, 2022. (Faculty Inducted - Dr. Shivendra Mohan Pandey) 	<ol style="list-style-type: none"> 1. Orientation Programme, organised by Teaching and Learning Centre, Ramanujan College, University of Delhi, from 22 March – 20 April, 2023. (Faculty Inducted - Sri Ayodhya Singh & Mohammad Suhel)
Publications		
Research papers	<ol style="list-style-type: none"> 1. Seasonal Variation in Water Quality: A Study with Reference to River Kuwano, Basti, (U.P.), India, <i>Applied Ecology and Environmental Sciences</i>, (UGC Care List I Sr No.36). 2. Water Quality Assessment of River Kuwano, Basti (U.P.), using WQI and Pollution indices. <i>Ecology, Environ. And Conservation</i>, (UGC Care List II). 	<ol style="list-style-type: none"> 1. Plant Macrofossils from Churia Formation (Miocene) of Koilabas Area in the Himalayan Foot Hills of Western Nepal and their Palaeoclimatic Consideration. <i>Applied Ecology and Environmental Sciences</i>, (UGC Care List I Sr No.36). 2. Macrofossils of Artocarpaceae and Lauraceae from Siwalik (Upper Miocene) Sediments of Himachal Pradesh, India and their Climatic and Biogeographic Significance. <i>International Journal of Ecology and Environmental Sciences</i>, (UGC Care List I Sr No.180). 3. Silicon nanoparticles: Comprehensive review on biogenic synthesis and applications in agriculture. <i>Environmental Research</i>. (ResearchGate Publishers)

Books, chapters in books	-	<p>1. Book “Plant Megaflora from the Siwalik (Upper Miocene) of Darjeeling District, West Bengal, India and its Palaeoclimatic and Phytogeographic Significance”, published by B. P. International, Kolkata, India. (Mahesh Prasad, Shashi and Shivendra Mohan Pandey).</p> <p>2. Book Chapter “The Dual Role of Reactive Oxygen Species as Signals that Influence Plant Stress Tolerance and Programmed Cell Death”, In: Reactive oxygen species Edit Moh. Faizan, Shamsul Hayat & S, Maqbool Ahmed, Springer.</p> <p>3. Book Chapter “Ethylene as a modulator of redox reaction” In: The Plant Hormone Ethylene. Edi- Nafees A. Khan, Antonio Ferrante and Sergi Munné-Bosch, Academic Press, Elsevier. (Mohammad Suhel, Tajammul Husain, Sheo Mohan Prasad)</p>
Student Achievements	-	-
Field Trips	One day excursion to NBRI, and CIMAP, Lucknow of M.Sc. Botany students on 24 th Dec. 2021.	-
Other Activities	-	-