




## Faculty Details proforma for Gargi College

Title	Dr	First Name	<b>Vera Yurngamla</b>	Last Name	<b>Kapai</b>	Photograph
Designation		<b>Assistant Professor</b>				
Address		<b>Department of Botany, Gargi College, Siri Fort Road, New Delhi 110049</b>				
Phone No Office						
Residence*		-				
Mobile*		<b>09871649035</b>				
Email		<b>vera.kapai@gmail.com</b>				
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph. D. (Botany)		<b>University of Delhi</b>			<b>2013</b>	
M.Phil. (Botany)		<b>University of Delhi</b>			<b>2007</b>	
M.Sc. (Botany)		<b>University of Delhi</b>			<b>2006</b>	
B.Sc. (Botany)		<b>University of Delhi</b>			<b>2004</b>	
<b>Career Profile</b>						
Ten years of teaching experience						
<b>Administrative Assignments</b>						
Co-Convener, Western Music Society, Gargi College Member, Northeast Society, Gargi College						
<b>Areas of Interest / Specialization</b>						
Plant Tissue culture						
<b>Subjects Taught</b>						
Plant Biodiversity, Plant Systematics, Mycology, Intellectual Property Rights, Economic Botany, Microbiology and Phycology						
<b>Research Guidance</b>						
<b>Publications</b>						
Soni, R.; Puri, R. & Kapai, V. Y. 2020. Floristic composition and life form spectrum analysis of vascular plants growing in Gargi College campus, University of Delhi, Delhi-49. Journal of Plant Science Research. Vol. 36 Issue 1/2, p167-175. ISSN 0970-2539.						

Pandey née Kapoor, P; Kapai, V.Y.; Muivah, G. & Rao, I.U. 2013. Physiological ageing during prolonged in vitro culture of multiple shoots of *Bambusa bambos* var. *gigantea* Bennet and Gaur. The Journal of Horticultural Science and Biotechnology 88 (4): 476–482. ISSN 1462-0316.

Vyas, S.; Kapai, V.Y.; Kapoor, P.; Guha, S. & Rao, I. U. 2012. In vitro plantlet regeneration from protocorms of *Dendrobium lituiflorum* Lindl. and *Cymbidium bicolor* Lindl. and their acclimatization: effect of salts, sucrose and banana extract. The Journal of Horticultural Science and Biotechnology 87 (5): 485 - 492. ISSN: 1462-0316.

Kapai, V.Y.; Kapoor, P.; Guha, S. & Rao, I.U. 2010. In vitro propagation for conservation of rare and threatened plants of India: A review. International Journal of Biological Technology 1(2): 1-14. ISSN 0976-4313.

Book Chapter:

Kapai, V.Y.; Judith, L. & Muivah, G. 2022. Indigenous Fermented Food and Beverages of Manipur. 119-135. In Microbial Products: Applications and Translational Trends Eds. Singh, M.; Singh, G.P & Tyagi, S. e-ISBN 9781003306931.

E-lessons for ILL, DU:

1. Muivah, G & Kapai, V.Y. Zygotic and Somatic embryogenesis. Prepared for Plant Biotechnology, MHRD Project “National Mission on Education Through ICT”. ISSN 2349-154X

2. Muivah, G.; Kapai, V.Y. & Chugh, S. Totipotency and organogenesis. Prepared for Plant Biotechnology, MHRD Project “National Mission on Education Through ICT”. ISSN 2349-154X.

#### Conference Organization/ Presentations

##### **Attended the following Seminars/workshops/conference (2017-2022):**

- NAAC sponsored National Seminar on “**Mentoring the Teachers-Mentors: Capacity Building Programme**” organized by Internal Quality Assurance Cell (IQAC) of Gargi College on 19<sup>th</sup> & 20<sup>th</sup> January 2018.
- One-day **Faculty Development Programme (FDP)** on Research Based Pedagogical Tools (RBPT) for undergraduate level Life Science Teachers organized by Department of Zoology under the aegis of Science Foundation, Deen Dayal Upadhyaya College, University of Delhi held on November 3, 2017.
- **Awareness Programme on Intellectual Property Rights (IPR)**, jointly organized by Federation of Indian Chambers of Commerce & Industry (FICCI), Indian Patent Office, Government of India and University of Delhi held on 15<sup>th</sup> September 2017, in New Delhi.
- Lecture Workshop on **Women in Science: A Career in Science** organized by Women in Science Panel, Indian Academy of Sciences, Bangalore and Science Foundation, Deen Dayal Upadhyaya College, University of Delhi held during August 10-11, 2017.
- Attended National Seminar on “Use of Scientific & Technical Terminologies in Sustainable Environment Development, its Challenges, Computational Analysis and Opportunities” organized by Department of Zoology, Gargi College (University of Delhi) and Commission for Scientific and Technical Terminology (CSTT), MHRD, Govt. of India held on March 14 – 16, 2019.

- Attended National Multidisciplinary Conference on “Emerging Trends in Tertiary Education: Assessing Challenges and Possibilities” held at Gargi College on March 29-30, 2019.
- Presented a poster in the National Conference on Biotechnology for Sustainable Agriculture – BIOTIKOS 2019 organized by TERI School of Advanced Studies, New Delhi on 17 April, 2019
- "PLANT BIOLOGY: A JOURNEY FROM EARTH TO SPACE" organized by the Department of Botany, Ramjas College, University of Delhi, on 22nd - 23rd May, 2020
- A webinar on “Botanical Secrets for Wellness: Clued from Nature’s Signature” organized by the Phytomics: The Botanical society of Bhaskaracharya College of Applied Sciences (University of Delhi), held on 16th May 2020.
- Webinar on “Biodiversity and Man” organized by the Department of Botany, Dyal Singh College, University of Delhi, in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- National webinar on “Entrepreneurship Aspects on Biodiversity Conservation and Indigenous Healing Practices of Northeast India" organized by IBSD Centre, Kalindi College, on June 2, 2020.
- Webinar on Understanding and Mentoring Young People organised by IQAC, Jesus and Mary College, University of Delhi, India on June 23rd, 2020.
- Webinar on “Future of Education post Covid” On 18th June, 2020 by Prof Rajendra P Gupta, Former member of the National Education Policy Committee, Govt of India organized by McGraw Hill.
- Attended a session on the topic The Framing Narrative: Ecology, Survival and Sustainability on 7th June 2020 INTERNATIONAL WEBINAR SERIES 05-10 June 2020 - COVID 19 PANDEMIC: A CRISIS OF HUMAN HEALTH OR PLANET HEALTH?
- Attended a session on the topic The Trauma of Displacement: Habitats & Health on 8th June 2020 INTERNATIONAL WEBINAR SERIES 05-10 June 2020 - COVID 19 PANDEMIC: A CRISIS OF HUMAN HEALTH OR PLANET HEALTH?
- Webinar on “Can Future Energy Needs be met Sustainably?” organised by The National Academy of Sciences, India (NASI) - Delhi Chapter- & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter on July 10, 2020
- Webinar on “The influence of infection on Society before Covid19” organised by The National Academy of Sciences, India (NASI) - Delhi Chapter- & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter on July 10, 2020.
- Webinar on “Traditional Community Healthcare Providers-An Asset to the Nation” organized by North Eastern Institute of Folk Medicine, Pasighat on 25th November, 2020.
- Webinar on “Floriculture & Terrace Gardening”, organized by Mahatma Gandhi Institute for Combating Climate Change, Delhi, on 07th AUGUST, 2020.
- International Webinar on "Environment Gender and Climate Change", organised by the Department of Botany, Shivaji College, University of Delhi, under the aegis of DBT - Star College Scheme, held on July 28, 2020.
- National Webinar on “Peace Building in India: Role of Northeast Women” Organised by UGC-Women’s Studies Centre, Mizoram University on 30th July, 2020.
- International Webinar on “The importance of Historical Ecology for Interpreting Processes of Evolution in Plants of Oceanic Islands” Organized by Department of Life Sciences, Mansarovar

<p>Global University, on September 11, 2020.</p> <ul style="list-style-type: none"> <li>• Participated in One Day Online National Webinar entitled “Implementation of Academic Bank of Credits” organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education on 10th July 2021.</li> <li>• Participated in the International Webinar organized by the DEPARTMENT OF BOTANY held on 12th of July 2021 on the topic "THE SCIENCE OF VITICULTURE AND ENOLOGY"</li> <li>• Participated in the one-day webinar on the theme “Floral Gardening Skills” organized by Garden Committee and Department of Botany, Gargi College, University of Delhi, on 19th July 2021</li> <li>• Participated in the Three Days Lecture Series (Online) Workshop faculty development Programme on “NEP 2020: Delhi University Undergraduate Curriculum Framework 2022” organized by Mahatma Hansraj Faculty Development Centre, Hansraj College during 27<sup>th</sup> January– 29<sup>th</sup> January, 2022.</li> <li>• Attended the International Multidimensional Conference on Revisiting Wellbeing: Perspectives, Challenges and The Road Ahead held on 1st and 2nd Feb 2023 at Gargi College, Siri fort road, New Delhi.</li> <li>• Participated in the National Conference on Medicinal Plants: Frontier areas of research and development held on 16th &amp; 17th March 2023 at Hansraj College, University of Delhi, Delhi, India.</li> </ul>
<b>Research Projects (Major Grants/Research Collaboration)</b>
<b>Awards and Distinctions</b>
<b>Association With Professional Bodies</b>
Life member of Delhi University Botanical Society (DUBS)
<b>Other Activities</b>