

Prof. S.B. Babbar, University Representative

Prof.S. B. Babbar is a renowned name not only in the University of Delhi but also across universities as an academician and researcher. He is presently a Professor in department of Botany University of Delhi. In fact, he has done his UG, PG, M. Phil and PhD from University of Delhi.

He has guided 15 students for Ph D. and 12 for M. Phil till now. He has immensely contributed to the world of research in the areas of Vitro Plant Morphogenesis and Molecular Taxonomy. His Research work deals with In Vitro Androgenesis, Micropropagation, Alternative Gelling Agents for Microbial and Plant Tissue Culture Media, Role of NO in In Vitro Morphogenesis and DNA Barcoding of Plants.

He has tested and demonstrated the usefulness of isubgol, gum katira, guar gum and xanthan gum as less expensive alternative gelling agents for plant and microbial culture media. Initiating the research on DNA barcoding at a time when its applicability to plants was doubtful and the barcode loci unidentified, provided the proof-of-concept for its effectiveness in plants by barcoding more than 200 plant species including 140 orchids. So far about 150 medicinal plants of commercial importance and have been barcoded and they have demonstrated their efficacy in checking the authenticity of market samples of some of these. Research on nitric oxide, revealed the hitherto unknown promontory effect of this gaseous growth regulator on flowering and caulogenesis.

As a principal investigator, he has successfully completed a number of research projects from esteemed funding agencies such as UGC, European Commission (INCO-DC Project), DBT and Indian Council of Medical Research i.e ICMR.

He has served as a Member of significant committees like Content Advisory Committee for Biology, Distance Learning Division, Department of Secondary & Higher Education, Ministry of Human Resource Development, Government of India, 2006-2008 and Member, Syllabus Revision Committee as an outside expert for the Course LSC-01 (Cell and Molecular Biology) of the Faculty of Science, Indira Gandhi National Open University, New Delhi.

He is Life Member of different National and International bodies of repute. Through out his career he has been associated with different committees and learned bodies holding various responsibilities to name a few:

- 1) Member, Committee of Courses constituted by the University of Delhi for the revision and semesterization of the undergraduate course on Agro-chemicals and Pest Management (2011).
- 2) Member-Secretary, University Units Complaint Committee (Faculty of Science), University of Delhi (2011-12).
- 3) Member, Governing Body, Ramanujam College, University of Delhi (2012 - 2014).
- 4) Member, Governing Body, Maharaja Agrasen College, University of Delhi (2012 -2014).

- 5) Chairman, Governing Body, Maharaja Agrasen College, University of Delhi (2014)
- 6) E.C. nominee on the Management Committee of Mansarovar Hostel, University of Delhi (2012-)
- 7) Member, Board of Post-Graduate Studies in Biotechnology and Bioinformatics, North Eastern Hill University (NEHU), Shillong, Meghalaya (2014-17).
- 8) Member, Governing Body, Hindu College, University of Delhi (2014-).
- 9) Member, Executive Council, University Sports Council, University of Delhi (2016 -) .
- 10) Chairman, Procurement Committee, School of Open Learning, University of Delhi (April 2014)
- 11) Chairman, 9th Annual Flower Show Committee, University of Delhi (2017).
- 12) Member, Governing Body, Laxmibai College, University of Delhi (March 30, 2017 - 18).
- 13) Member Syllabus Revision Committee (SRC) for UG and PG syllabus in Botany of Sikkim University (2017).

At the end I can just sum up by saying that its our privilege to be associated with such a learned academician, prolific researcher and a responsible administrator. Hope our institution will grow to newer heights with your able suggestions and rational vision.