



Arya Vidyapeeth College
আর্য্য বিদ্যাপীঠ মহাবিদ্যালয়



Personal profile

Name of the Faculty: Dr. Papori Devi

Designation: Associate Professor

Personal Date of Birth: 01-10-1974

Information Gender: Female

Nationality: Indian

Address for correspondence:

Department of Botany

Arya Vidyapeeth College

P.O.: Gopinath Nagar

Guwahati – 781 016

Dist: Kamrup (M)

Permanent Address:

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Bishnu Rabha Path, Odalbakra

Guwahati-781025

Dist: Kamrup (M)

e-mail ID : devipapori@yahoo.co.in

web:

Contact no. 09435126834

Date of joining the present service: 24-01-2006

Academic MA, PhD

Qualification

Teaching In UG level: 14 Years, 4 months

Experience In PG level: No

Research Date of obtaining / PhD Degree: 09-11-2005, Gauhati University



Experience

Title of the PhD thesis:

MICROPROPAGATION OF SOME OF THE THREATENED/
ENDANGERED MEDICINAL PLANTS OF NORTH EAST INDIA”

Length of research experience: 20 years

(Post Doctoral: 15yrs; Doctoral Studies: 5yrs)

Specialization (Area of interest): Plant Tissue Culture , Plant Physiology and
Biochemistry

No. Of research projects:

Title of the project	Funding agency	Amount (in Rs)	Status (ongoing/completed)
Standardization of protocol for rapid in vitro propagation of two economically important threatend medicinal plants, Phlogacanthus pubinervius.Nees. & Tylophora indica (Burm.f.) Merr.	UGC	3,55,000/-	Completed

Publications

No. Of Books chapters published: 01

- i) Tissue Culture of Medicinal Plants In Plant Biotechnology, Prospectives & Prospects. Edited by P C Trivedi. Pointer Publisher, Jaipur India in, 2006, ISBN 81-7132-446-0.

No. Of Research paper published: 09

Published Papers:

- i) In vitro Regeneration of *Tylophora indica* (Burm.f.) Merr. from Nodal Explants. Asian Journal of Agriculture and Life Sciences. Jan., 2018, Vol.-Vo.3(1) Pg.No. 12-18, e-ISSN: 2455-6149
- ii) Micropropagation of Brahmi for large scale production and conservation in BA and IBA supplemented media. Asian Journal of Agriculture and Life Sciences. Oct., 2017, Vo. 2(4) Pg.No. 9-14, e-ISSN: 2455-6149
- iii) In vitro culture of *Bacopa monnieri* (L.) Penn in presence of Kinetin and 2,4-D. Journal of Advanced Plant Sciences. Sept., 2017, Vol. 9(1) Pg.No. 25-29, ISSN-0971-9350
- iv) Effect of kinetin, NAA & IBA on regeneration of *Costus speciosus* (Koen. Ex Retz.) Sm from aerial axillary bud explants. Journal of Advanced Plant Sciences. 2013. Vol. 6(3 & 4) Pg.No. 32-37, ISSN-0971-9350
- v) Role of Auxin-Cytokinin ratio on in vitro culture of *Clerodendrum colebrookianum* (L) Walp, a medicinal plant of North East India. Journal of Advanced Plant Sciences. 2013, Vol. 6 (3&4) Pg.No. 10-18, ISSN-0971-9350.
- vi) Effect of various plant growth regulators on in vitro culture of Rhizome of *Costus speciosus* (Koen.ExRetz.) Sm. Journal of Advanced Plant Sciences. 2012. Vol. 6 (1&2) Pg.No. 52-59. ISSN-0971-9350.
- vii) Micropropagation of *Clerodendrum colebrookianum* (L) Walp from nodal explants. Journal of Advanced Plant Sciences. 2009 Vol. 4 (3&4) Pg.No. 62-65, ISSN-0971-9350.
- viii) Micropropagation of threatened Medicinal Plant, *Bacopa monneiri* (L.) Penn. from leaves. Indian Journal of Horticulture. 2007 Vol. 64(2) Pg.No. 194-198, ISSN-0972-853
- ix) Effect of kinetin, NAA & IBA on regeneration of *Bacopa monnieri* (L.) Penn. Environmental Biology and Conservation, 2004 Vol. (9) Pg.No. 67-72, ISSN-0971-782X.

Papers
presented in
Seminar/
Conference

No. Of International Seminar: 03

- i) Effect of kinetin, Naa and IBA on invitro culture of *Phlogocanthus pubinervius* Nees, an indigenous medicinal plant. Gauhati University and Cotton University. Botanical Society of Assam, Department of Botany, International conference on Plant Sciences. 4th to 6th February 2019.

- ii) Eco-tourism for sustainable utilization of Natural Resources: A case study of Khamranga Beel, Kamrup (M), Assam, India. Synod College, Shillong, Meghalaya, India. Synod College, Shillong, Meghalaya. International Conference on Climate Change Mitigation and Technologies for Adaptation, 2016 (IC3MTA 2016). 20th -21st June 2016
- iii) Ethno Medicinal Importance of Common Wild vegetable of Kamrup District of Assam. Cotton College, Guwahati, Assam. Department of Zoology, Cotton College and Zoological Society of Assam. International Seminar on Bioresources of Human Sustenance. 20th-22nd October 2011.

No. Of International Seminar: 11

- i) Micropropagation of *Phlogacanthus pubinervius* Nees., an indigenous medicinal plant in BA and IBA supplemented media. Department of Botany, Gauhati University, Guwahati, Assam. Department of Botany, Gauhati University. National Seminar on Prospects and Challenges of Plant Science Research in India. 25th -26th Nov 2017
- ii) Ethno medicinal importance of *Nephaphu*, *Clerodendrum colebrookianum* (L.) Walp. Arya Vidyapeeth College, Guwahati, Assam. DST, Govt of India. National Seminar on Sustainable conservation strategies of Bio resources of North East India. 6th-7th November, 2015
- iii) Effect of Kinetin along with two different auxins on leaf culture of *Bacopa monnieri* (L.) Penn. DK College, Mirza. UGC, India. National Seminar on Bioprospecting of Gene Pool: Trends & Prospects in North East India. 26th & 27th June, 2015.
- iv) Assessment of water quality in Ganga Canal System. Academic Staff College, Kumaun University, Nainital. UGC Academic Staff College, Kumaun University. National Conference Environmental Conservation and Clean India Programme. 7th December 2014
- v) Need and technique of conservation of *Costus speciosus* (Koen. ex Retz.) Sm, an important medicinal plant. Department of Botany, Gauhati University. UGC, India. National Seminar on RET Plants of NE India and their Conservation Strategies. 21st March 2014
- vi) *Toran* (*Alpania grove*), a major murshy wetland of Assam and its services. Arya Vidyapeeth College, Guwahati, Assam. Botanical Society of Assam. National Seminar on Wetland Ecosystem : Conservation and Management with reference to North East India, 21st -22nd June 2013.

vii) Ecological Importance of Natural Water Bodies of Mandakata landscape of Kamrup, Assam. Arya Vidyapeeth College, Guwahati, Assam. Botanical Society of Assam. National Seminar on Wetland Ecosystem : Conservation and Management with reference to North East India. 21st -22nd June 2013.

viii) Direct regeneration of *Bacopa monnieri* (L) Penn. from nodal explants with BA and IBA”. Hojai College, Hojai, Assam. Hojai College. National Seminar on Bioresources Habitat Threats, Conservation Strategies and Sustainable Development. 10th -11th November 2010

ix) Micropropagation of *Clerodendrum colebrookianum* (L) Walp from nodal explants. Arya Vidyapeeth College, Guwahati, Assam. Arya Vidyapeeth College and Assam Science Society. National Seminar on Population, Environment and Development in North East India. 20th and 21st October 2009.

x) In vitro propagation of *Costus speciosus*. Nowgong College, Nagaon, Assam. UGC, India. UGC sponsored National Seminar on Bioresources of North East India, Industrial Potential and Intellectual property rights issues. 2nd and 3rd January, 2009.

xi) In vitro propagation of *Costus speciosus* (Koen ex. Retz) Sm.” Gauhati University, Guwahati, Assam. Assam Science Society. 50th Technical Session and National Conference on Current Trends of Research in Science and Technology. 28th-29th January, 2005.

xii) Effect of Plant Growth Regulators on in vitro propagation of *Bacopa monnieri* (L) Penn. NAHU, Shillong and in the year 2002. The National Academy of Sciences. 72nd Annual Session of National Conference of Academy of Sciences. 27th October 2002.

- Acted as
Resource
person/ chaired
technical
Session
- i) Resource person in outreach programme of Institutional IBT Hub and delivered lecture on Techniques of tissue culture and its application on 12th August 2013
 - ii) Resource person in outreach programme of Institutional IBT Hub and delivered lecture on Tissue culture on 26th November 2013
 - iii) Chief Guest in Annual Science Day of Holy Home Senior Secondary School on 19th November 2018.
 - iv) Judge of Annual Science Exhibition of SBOA Higher Secondary School on 21st January 2019.

- Membership in reputed national/international agency
- i) Life member of Indian Science Congress Association, Kolkata, India.
 - ii) Life member of Botanical Society of Assam, Guwahati, India.
 - iii) Life Member of Assam Science Society.
 - iv) Life member of Assam Sahitya Sabha, Chandra Kanta Handique Bhavan, Jorhat, Assam.
 - v) Joint Secretary of Botanical Society of Assam, Guwahati-01 since 2013 up to 2015
 - vi) Life member and elected fellow (FNRS) of International Society for Conservation of Natural Resources (ISCON), Varanasi, India
- Corporate Social responsibility
1. Head, Department of Botany, Arya Vidyapeeth College, Guwahati, 8th July 2019 onwards
 2. Coordinator of Green Audit of Arya Vidyapeeth College.
 3. Convenor of Eco Club of Arya Vidyapeeth College.
 4. WWF student volunteer's Coordinator in Arya Vidyapeeth College
 5. Acting as Active member of DBT sponsored IBT Hub since 2010 till date.
 6. Convenor of Committee of Botanical Garden since 9th Dec 2017.
 7. Member of Academic and Research Cell since 9th Dec 2017.
 8. Member of Purchase committee since 9th Dec., 2017
 9. Member of Women Cell since 9th Dec 2017
 10. Member of Budget Committee for the financial years 2010-11,2011-12, 2012-13, 2013-14.
 11. Member of Academic and Research Cell since 2015.
 12. Acted as member of Admission Committee of College for session 2015-16.
 13. Member of Disciplinary Committee for Fresher's Social 2015..
 14. Collection of Photograph to preserve pictorial History of the College.
 15. Acted as member of Admission Committee of College for session 2016-17.
 16. Acted as member of Admission Committee of College for session 2017-18.
 17. Convenor of Supplementary NAAC SSR Preparation Committee 2016.
 18. Compiled the College Album in two volumes comprising photographs of various stages of development of the College 2016.

Institutional responsibilities (Examination related)

- i) Assistant Officer In-charge of TDC part –I, TDC part-II, TDC part-III Final Examinations 2011, 2012 & 2013 and TDC – II and IV Semester Examination of Gauhati University of 2013.
- ii) Assistant Officer In-charge of Higher Secondary Final Examination of AHSEC of 2013.
- iii) Under took all examination related confidential work as an active member of Examination Branch of the College from Nov 2010 to April 2014.
- iv) Conducted Higher Secondary First year Examination of the College for the year 2011, 2012, 2013, 2014.
- v) Assistant Zonal Officer of Zone A-10 of Gauhati University for TDC III Semester Examination, 2014 at Arya Vidyapeeth College.
- vi) Assistant Officer In-charge of Higher Secondary Final Examination of AHSEC of 2018.
