



Arya Vidyapeeth College
আর্য্য বিদ্যাপীঠ মহাবিদ্যালয়



Personal profile

Name of the Faculty: Dr. Anindita Deka

Designation: Assistant Professor

Personal Information Date of Birth: 03-01-1989

Gender: Female

Nationality: Indian

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Date of joining the present service: 01 – 08 – 2016

Academic Qualification M.Sc., Ph.D

Teaching Experience

In UG level: 4 Years

In PG level: No.



Academic distinction i) 1st class 1st in B.Sc (Zoology) with distinction under Gauhati University in the year 2010.
 ii) 1st class 1st in M.Sc (Zoology) under Gauhati University in the year 2012.

Research Experience Date of obtaining / PhD Degree : 02–11–2018, Gauhati University
 Title of the PhD thesis:
 “AN INVESTIGATION OF THERAPEUTIC POTENTIAL OF *OROXYLUM INDICUM*(L) VENT AGAINST COLON CANCER”
 Length of research experience: 05 Years
 Specialization (Area of interest): Cancer Biology
 No. Of research projects:

Title of the project	Funding agency	Amount (in Rs)	Status (ongoing/completed)
Technology generation for isolation, identification and efficacy determination of chemopreventive compounds of locally available garlic variety against cancer.	ASTECC, Govt of Assam	2,43,000/-	Completed (2014-2016)

Publications **No. Of Books authored: 02**
 i) COMPARATIVE ANATOMY AND DEVELOPMENTAL BIOLOGY OF VERTEBRATES- for 2nd Sem degree (Regular) CBCS course; ABD publication; Year March 2020; ISBN: 978-93-87797-64-2
 ii) ANIMAL DIVERSITY—a zoology textbook for 1st Sem degree (Regular) CBCS course; ABD publication; Year Dec 2019; ISBN: 978-93-87797-46-8.

No. Of Books chapters published: 01

i) Traditional Healing Practices of Forest Fringe Dwellers: A Paradigm of Cost-Effective Medication, in book titled 'Indigenous Health Practices among the People of North East India, Kalpaz Publications,2018; ISBN: 9789351282433, 2017.

No. Of Research paper published: 08

Published Papers:

i) Preliminary phytochemical Screening of Ethanolic Extract of The bark of Indian Trumpet Flower, International Journal of Current Advance Research,ISSN: 2319-6505, Vol 7, Issue 1(J) 2018, 9415-9417.

ii) *Acorus calamus*: a bio-reserve of medicinal values. J Basic Clin Physiol Pharmacol. 2018 Mar 28;29(2):107-122.

iii) Traditional Healing Practices of Forest Fringe Dwellers: A Paradigm of Cost-Effective Medication, in book titled 'Indigenous Health Practices among the People of North East India, ISBN 9789351282433, 2017.

iv) NF- κ B Blockers Gifted by Mother Nature: Prospectives in Cancer Cell Chemosensitization, Curr Pharm Des. 2016;22(27):4173-200.

v) The potential role of boswellic acids in cancer prevention and treatment; Cancer Letters 377 (2016) 74–86

vi) Awareness of Head and Neck Cancer in the North East India- A hospital based study; International Journal of Advanced Research; ISSN:2320-5407, 2015, 3(10) , 1218 – 1221..

vii) Determination of Estrogenicity of Asoka Plant (*Saraca asoca* Linn.) In adult female ovariectomised mice; International Journal Of Recent Scientific Research, ISSN: 0976-3031, 2015, 6(12), 7661-7664..

viii) A Review on *Ajuga bracteosa*, a Traditionally Important Medicinal Plant; International Journal of Emerging Research in Management &Technology,ISSN: 2278-9359, 2015, 4 (12),203-206.

Papers
presented in
Seminar/
Conference

i) Poster presented entitled “Bitter vine: A promising agent for the prevention and treatment of colorectal cancer” in Research conclave, 2016 organized by Students Academic Board, IIT Guwahati.

ii) Oral presentation entitled “An investigation of anti- cancerous property of Indian trumpet flower against colorectal cancer” in 6th International Translational Cancer Research Conference, February 4-7, 2016 held in Ahmedabad

iii) Presented a poster entitled “Determination of Estrogenicity of Asoka Plant (Saraca asoca Linn.) in female ovariectomised mice” in International Conference on “Harnessing Natural Resources for Sustainable Development: Global Trends” Seminar in Cotton College from 29th to 31st Jan, 2014.

Acted as
Resource
person/
chaired
technical
Session

i) Acted as a speaker and conducted workshop about STEM education and enrichment program for primary school and high school in Thailand between 25 – 31 July 2019 at Sirindhorn Science Home, Thailand Science Park, PathumThani Province, Thailand.

ii) Acted as a resource person for Content Enrichment programme for PGT(Biology) on 15th Nov,2019 on Novodaya Leadership Institute (an autonomous organization under Ministry of HRD), JNV campus, Rangia.

iii) Acted as a resource person for Content Enrichment programme for TGT(science) on 12th Nov,2018 on Novodaya Leadership Institute (an autonomous organization under Ministry of HRD), JNV campus, Rangia.

Linkage with
other
institution
(research
collaboration)

i) Cancer Biology laboratory, IIT Guwahati

Membership
in reputed
national/
international
agency

i) Lindau Alumni Network, Germany.

ii) Zoological society of Assam.

Award
received
from Govt./
reputed
national
society

i) Awarded ISNM-DBT fellowship by Indian Society of Nanomedicine for participation in NANOBIOTECK-2017, 2nd Annual Conference of Indian Society of Nanomedicine (ISNM) on 6th -8th December, 2017 held at Trivandrum on 6th- 8th December,2017.

ii) Young scientist Award-Third Prize for oral presentation in 6th International Translational Cancer Research Conference, February 4-7, 2016 held in Ahmadabad.

iii) DST Award for participation in the Meeting of Nobel Laureates & Students, atLindau, Germany,2014 awarded by Department of Science and

Technology, Govt. Of India and Lindau Nobel Laureate Council, Germany.

iv) INSPIRE fellowship for 1st rank holder in M.Sc Examination from Department of Science and Technology (DST), Govt of India with effect from June, 2013.

v) Prof. Buta Ram Memorial Award, 2010 awarded by Zoological Society of Assam.

vi) Anundoram Boroah Award, 2005 by Government of Assam

Any other
remarks

i) Conducted classes in “SWAYAM PRABHA” , a free DTH channel for education, an initiative of MHDR, Govt of India.

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