

Faculty Profile: **DR. MUKUL KUMAR BARUAH**
 Qualification: M.Sc.; Ph. D.
 Date of Joining in service: 11/10/1999
 Designation: Associate Professor
 Area of Interest: Angiosperm Taxonomy and Ethno-botany
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 Teaching Experiences: 22 years
 Research Experiences: 05 years

Educational Profile:

| Sl No. | Degree | Major Subject /Area | Institute | Year |
|--------|--------|--|------------------------------|-------------------|
| 1. | B.Sc. | Botany (Major) | Cotton College, Guwahati | 1994 |
| 2. | M. Sc. | Botany (Specialization: Angiosperm Taxonomy) | Gauhati University, Guwahati | 1996 held in 1997 |
| 3. | Ph.D. | <i>Herbaceous Flora of Cachar District of Assam With Special Reference to Their Economic Uses.</i> | Assam University, Silchar | 2014 |

Member of Profession Bodies:

| Sl No. | Name of the Post | Name of the Body | From | To |
|--------|---|---|------------|------------|
| 1. | Head | Dept. of Botany, Cachar College, Silchar | 01/03/2018 | 28/02/2021 |
| 2. | Exam Superintendent | KKHSOU's Cachar College Centre | 21/01/2018 | 31/01/2019 |
| 3. | Coordinator, IQAC | Cachar College, Silchar | 19/02/2015 | 31/07/2015 |
| 4. | Life time Natural member (Taxo Club Membership No.: N 90) | East Himalayan Society for Spermatophyte Taxonomy (EHSST), North Bengal University, India | 09/07/2010 | till date |
| 5. | LIFE MEMBER | Botanical Society of Assam (BSA), Cotton College, Guwahati, Assam, India | 09/07/2011 | till date |
| 6. | Member | Meteorological Station, Cachar College, Silchar | 2003 | till date |
| 7. | Member | BUGS, Env. Sc. AUS | 07/11/2017 | till date |
| 8. | Member | BPGS, Dept of Life Sc. & Bioinf., AUS | 31/07/2020 | till date |

Research papers Published in National / International Journal: (Total: 14)

- i) Medicinal Plants of Cachar district of Assam used by the 'Rongmai' Tribe. *The Indian Forester* 141(2):178-182, 2015
- ii) Hepatoprotective Potential of *Lasianthus lucidus* Leaf extract against Carbon tetrachloride induced Liver damage in Swiss albino mice. *World Journal of Pharmacy & Pharmaceutical Sciences* 3(3) : 1536-1547, 2014
- iii) Addition to the Flora of Barak Valley, Assam. *Pleione* 8 (1) @ of EHSST, 2014
- iv) Antibacterial Activity of Some Plants belonging to the Family Rubiaceae: A Review. *World Journal of Pharmacy & Pharmaceutical Science* Vol:1(3), pp-1179-1194, 2012
- v) Status of Floristic Works in Barak Valley: Need for Future Research. *Pleione* 4(1), pp 17-32 @ of EHSST, 2010

Book Published: (Total: 02)

- i. *Flora of Barak Valley, Vol. 2: Herbaceous Flora of Cachar district, Assam (ISBN: ; Published in 2015, published by Global Book Organization, New Delhi, India)*
- ii. *Cross-cultural Ethno-medicinal Practices of Southern Assam, India (ISBN: 978-3-659-96193-9; Published on 30-01-2017, Published by LAP LAMBERT Academic Publishing, Germany)*

Book Chapter / Edited Book published: 09**Research Projects carried out: Completed: 02**

- i. UGC Minor Research Project (MRP-NERO) on "Monocot Flora of Cachar district of Assam with special reference to their ethno-medicinal uses" from 2013-2015
- ii. ASTEC Sponsored Project on "Sensitization on Biodiversity & Climate Change" from 2014-2015

Seminar / Workshop Organized: 01

- i) Performed as Organizing Secretary of ASTEC sponsored district level Workshop on "Workshop on sensitization on Biodiversity & Climate Change" on 17th & 18th January, 2015 at Cachar College, Silchar.

Presentation in National and International Seminar/workshop/Symposia/Conferences:**Total Paper Presentation:11 & Participation:32****Acted as Resource Persons / Others:**

| Sl. No. | Year | Title of Seminar/Workshop /others | Organization |
|---------|------|--|---|
| 1. | 2019 | Subject Expert for Expert Committee Meeting for Promotion from RA -II to RA - III | At Bioinformatics Center of Assam University on 13 th November, 2019 |
| 2. | 2019 | Subject Expert for Expert Committee Meeting for Promotion from RA -I to RA - II | At Bioinformatics Center of Assam University on 8 th April, 2019 |
| 3. | 2019 | Subject Expert of three member committee for up gradation from MANJRF to MANSRF under the scheme of Maulana Azad National Fellowship | At department of Life Science and Bioinformatics on 22.02.2019 |
| 4. | 2012 | Acted as Rapporteur in the International Conferences on Global Ecosystems, Biodiversity and Environmental Sustainability in the 21 st Century (ICGEBEss, 2012) | Organized by Dept of Ecology & Environmental Science; AUS |
| 5. | 2011 | Resource Person in the Orientation Programme for HS Biology- Botany Subject Teachers (of Cachar, Hailakandi and Karimganj district) | AHSEC at Ramanuj Gupta Junior College, Silchar on 3 rd and 4 th August 2011 |
| 6. | 2007 | Subject Expert for selection of Subject Teacher Botany at Kalain Higher Secondary School, Kalain, Cachar. | Organized by Inspector of school, dept of Education, Govt. of Assam on 27/08/2007 |
| 7. | 2001 | Resource Person in the Zonal Level Nature Study Camp for Children and Teacher on June 2-4, 2001 at Cachar College, Silchar | ASTEC; BJVI, SOC, Assam; and Cachar College Co-ordination Committee, NCSC. |

ORIENTATION PROGRAMME AND REFRESHER COURSES:

| Sl No. | Prgramme / Courses | Organized by | Year / Duration |
|--------|--|---|--------------------------|
| 1. | UGC sponsored RC (5 th RC in BOTANY) | ASC - GU, Guwahati | 12/06/2002 to 02/07/2002 |
| 2. | UGC sponsored OP (45 th Orientation Programme) | ASC - The University of Burdwan, Burdwan | 10/10/2003 to 06/11/2003 |
| 3. | UGC sponsored RC <i>Env. Science</i> (Inter-disciplinary) | ASC - NEHU, Shillong | 26/06/2010 to 16/07/2010 |
| 4. | UGC sponsored RC in BOTANY | ASC - NEHU, Shillong | 23/08/2011 to 12/09/2011 |

Involvement in Examination Works in the college:

- i) As Assistant Zonal Officer (AZO): **Total 02 times** (TDC Even Semester Zone of Cachar College of AUS in 2017 and Evaluation-cum-Scrutiny of HS Final Exam, 2011 of AHSEC at Cachar College Zone)
- ii) As Assistant Officer-in-Charge (AOC) of College Examinations (Unit Test/Test) AHSEC Examination for HS and AUS Examination for UG Level: **Total: 11 times**
- iii) As Member for various confidential works of Assam university
- iv) As Head Examiner in the subject Botany of Cachar College, Zone since 2018,
- v) As Scrutinizers & Examiners since Joining in the College.

Contribution to Corporate life of College:

- i) *Member* of Primary Screening Committee to scrutinize the applications submitted against the advertisement No. Adv/2020/257 dtd. 06.11.2020 for the post of Assistant Professor in various department of Cachar College, Silchar. Member of Discipline Committee
- ii) *Member* of Admission Committee for the session 2020-21; 2018-19
- iii) *Member of Beautification Committee*, 2021 & Member of Green Audit committee, 2021
- iv) *Member of Saraswati Puja Committee*, 2021 & *Member of Award Committee for the session*, 2019-20
- v) *Convenor of Routine Committee* for the session 2018-19
- vi) *Convenor* of Beautification Committee of college for the session 2009-10
- vii) *Sports in-charge* for conducting Sports event of Golden Jubilee Celebration of Cachar College 2010
- viii) *Joint assistant secretary* of organizing committee of Golden Jubilee celebration of Cachar College 2010
- ix) *Convenor of Sports sub- committee*, Silver Jubilee Celebration of Science of Cachar College, 2007
- x) *Member* of Discipline Committee during Student Election 2006, 2007
- xi) *Teacher-in-charge of Sports* of College for the session 2002-03
- xii) *Teacher-in-charge* of the Saraswati Puja committee during 2003

Extension - cum - Co-curricular activities:

- i) Escorted & Supervised Educational Field Study Tour / Excursion Outside the state of Assam: **Total 15 times**
- ii) **Botanical institute / Places of Botanical Interested Visited:**
Forest Research Institute (FRI), Dehradun,
National Botanical Research Institute (NBRI), Lucknow
Birbal Sahani Institute of Palaeobotanical Research, Lucknow
Central Rice Research Institute (CRRI), Cuttack
Orchid Research Centre, Tipi, Arunachal Pradesh
North Eastern Institute Of Science & Technology (NEIST / RRL), Jorhat, Assam
Botanical Survey of India (BSI), Head Office, Kolkata
Botanical Survey of India (BSI-NRC), Dehradun, Uttarakhand

Botanical Survey of India (BSI- Himalayan Regional Circle), Gangtok
Botanical Survey of India (BSI-ERC), Shillong, Meghalaya
Indian Council Agricultural Research (ICAR-NBPGR), Hyderabad, Telengana
Indian Council Agricultural Research (ICAR-NER), Borapani, Shillong
Indian Council Agricultural Research (ICAR-NEHR), Tripura
Nandan Kanon National Park-cum-State Botanical Garden, Bhubeneswar
NG Ranga International Agricultural University, Hyderabad, Telengana
Kaziranga National Park, Assam
Nameri National Park, Assam
Acharya Jagadish Chandra Bose Indian Botanic Garden; Howrah, Kolkata
Lalbagh Botanical Garden, Bangarlore
Pandicherri Botanical Garden, Pandicherri
Auroville Botanical Garden, Pandicherri
Experimental Botanical Garden, under BSI-ERC, Borapani, Meghalaya
Sri Chamarajendra Zoological - cum - Botanical Garden, Mysore, Karnataka
Nehru Zoological Park - cum - Botanical Garden, Hyderabad, Telengana
Sepahijolla Wildlife Sanctuary, Agartala, Tripura
Roya Wildlife Sanctuary, Dharmanagar, Tripura
Assam State Zoo - cum - Botanical Garden, Guwahati
Mawphlang Sacred Grove, National Forest, Nongram, Meghalaya
Mawlyngong Cleanest Village of Asia, East Khasi Hill District, Meghalaya
World's wettest place- Mawsynram, Meghalaya
Bichitrapur Mangrove Forest/Sanctuary, Balasore, Odisha
Agricultural Rice Research Centre & Krishi Vigyan Kendra, Akborpur, Karimganj, Assam

Other activities performed as Govt. duty:

- i) As Presiding Officer in the Election of Panchayat, Member of Legislative Assembly and Member of Parliament for number of times: **Total: 10 times**
- ii) As External Evaluator of GUNOTSAV (Phase I and Phase II) conducted by Govt. of Assam during, April, 2017 and October, 2017.
- iii) As External Evaluator of GUNOTSAV-2 (Phase I and Phase II) conducted by Govt. of Assam during October, 2018