**CURRICULUM VITAE**

## Part-I: Basic Information

1. Name of the Faculty Member : DR. KUMUD DAS
2. Date of Birth : 26-02-1977
3. Father’s Name : Dulal Das
4. Mother’s Name : Late Jula Das
5. Present Address : C/o Anil Ch. Nath, LNB Road, House No. 410, South Haibargaon, District: Nagaon-782002, Assam
6. Date of Joining : 07-12-2016
7. Academic Qualification :

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of the**  **Examination Passed** | **Name of the Board/**  **Council/University** | **Year of**  **Passing** | **Division/Class** |
| HSLC | SEBA | 1993 | IInd |
| HSSLC | AHSEC | 1995 | 1st |
| B. Sc. | Dibrugarh University | 2000 | 1st class (2nd Position) |
| M. Sc. | Gauhati University | 2002 | 1st |
| Ph. D. | Gauhati University | 2012 | Course work (Grade A) |
| Specialization | Advanced Plant Physiology & Biochemistry | | |

## Part-II: Information of Annual Development

**Title of the Thesis** : “Studies on PGPR and symbiotic fungi from Dibru-Saikhowa Biosphere Reserve Forest and field application of a few isolates with reference to pulse production”.

**Name of the Institute :** The Gauhati University, Guwahati, Assam

**Year and Number of Registration:** 2007 and No. 000534

**Name of the Supervisor :** Dr. P. Azad, IASST, Paschim Boragaon, Guwahati, Assam

Dr. S. Sarma, Department of Biotechnology, Gauhati University

**Present Designation :** Assistant Professor (Stage-II)

**Received professional Recognition/Award/Prize/Fellowship etc. :** Rajiv Gandhi National

Fellowship (RGNF) from UGC, New Delhi during 2012

# Previous Work/Research experience:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Positions held** | **Name of the Institute** | **From** | **To** |
| 1 | JRF | Department of Forestry, NERIST, Nirjuli-  791109, Arunachal Pradesh | 01-11-2003 | 30-04-2004 |
| 2 | JRF | Department of Life Sciences, IASST,  DST, Guwahati-35, Assam | 07-07-2004 | 01-04-2007 |
| 3 | JRF | Department of Ecology and Diversity,  RFRI, ICFRE, Jorhat-10, Assam | 21-06-2007 | 31-05-2009 |
| 4 | Assistant Professor  (UGC-FIP Scheme) | Department of Botany, Gargaon College,  Sivasagar-785686, Assam | 04-08-2014 | 31-01-2016 |

***Part-III: Publications***

* 1. No. of Research Paper 09
  2. No. of Book Chapters 10
  3. No. of FDP 09
  4. No. of OC/RC 01

# Research Papers :

* 1. Saikia, R., **Das, K**., Deka, S. and Azad, P. (2004). Status and prospects of soil microbial diversity of Dibru-Saikhowa Biosphere Reserve Forest. *Himalayan Biosphere Reserves*, **6**(1&2): 61-63.
  2. Bora, H. R., Yadav, A., **Das, K.** and Kumar, R. (2010). *Bellanophora deoica* R.Br.Ex. Royle (Balanophoraceae) - A rare total root parasite reported from Karbi-Anglong district, Assam, India. *J. Econ. Taxon. Bot.* **34**(2): 298-299.
  3. **Das, K**., Saikia, R., Deka, S., Sarma, S. and Azad, P. (2010). Studies on edaphic factors and rhizosphere mycoflora associated with graminaeae family of Dibru-Saikhowa Biosphere reserve forest of Assam.*J. Econ. Taxon. Bot.* **34**(4): 863-868.
  4. **Das, K**., Deb, S. and Arunachalam, A. (2011). Effect of earthworm and plant residues for soil enrichment under agroforestry systems for north-east India. *Indian J. Soil Conservation,* **39**(1): 73-79.
  5. **Das, K.** and Nath, R. (2013). Eco-toxicological impacts of Nagaon Paper Mill effluents with reference to fresh water micro-biota. *Journal of Bio-Protocols,* **2**(1): 58-62.
  6. **Das, K.**, Saikia, R. and Azad, P. (2013). *In- vitro* p-solubilizing activity of selected soil microorganisms isolated from Dibru-Saikhowa Biosphere Reserve forest of Assam. *Indian Journal Plant Sciences,* **2**(1): 10-18.
  7. **Das, K.**, Nath, R.and Azad, P. (2013). Soil Microbial Diversity of Dibru-Saikhowa Biosphere Reserve Forest of Assam, India.*Global Journal of Science Frontier Research,* **13**(3): 7-13.
  8. **Das, K.**, Saikia, A. and Sarma, S. (2021). Effect of *AM* Fungi on Black Gram [*Vigna mungo* (L.) Hepper] productivity from the Rhizosphere Soil of Dibru-Saikhowa Biosphere Reserve (DSBR) Forest of Assam, India. *Research Journal of Agricultural Sciences,* **12**(5): 1590-1595.
  9. **Das, K.**, Saikia, A. and Sarma, S. (2023). Characterization, screening and application of Rhizobial isolates on Black gram [*Vigna mungo* (L.) Hepper] productivity from the Rhizosphere Soil of Dibru-Saikhowa Biosphere Reserve (DSBR) Forest of Assam, India. *Journal of Plant Science Research,* **39**(1): 01-15.

# Books Chapters :

* 1. **Kumud Das**, Rubul Saikia, Suneswar Sarma and Padum Azad (2012). Microbial population dynamics in Wetland soils of Dibru-Saikhowa reserve forest with reference to physic-chemical properties.*Current Issues of Conservation and wise use of wetlands in NE Region India*, Published by the Principal, Dhing College, Nagaon, Assam. **ISBN No.:** 978-81-202-8869-7.
  2. Jenima Sultana, Parineeta Raja and **Kumud Das** (2017). Traditional Uses of some medicinal Herbs by the ethnic people in and around Salna Tea Estate of Nagaon district of Assam. Published by the Principal, Dhing College, Nagaon, Assam. *Herbal medicine-A rational approach in health care system with special reference to NE India.* **ISBN No.:** 978-81-202-9871-2.
  3. **Kumud Das** and Jenima Sultana (2019). Study on Traditionally Used weeds by some Ethnic people of Salna Tea Estate of Nagaon district, Assam. *Convergence*, Purbayon Publication, Guwahati-14, Assam. **ISBN No.:** 978-93-88593-33-5.
  4. **Kumud Das** and Jenima Sultana (2020). Anthropogenic Threats and Biodiversity Conservation Strategy in Chapanala Forest Area of Nagaon District.*Environment Concerns: Problems and Prospective solutions,* Knowledge Publications, Panbazar, Guwahati-01, Assam. **ISBN No.:** 978- 81-933014-9-4.
  5. **Kumud Das** and Jenima Sultana (2021). Study on Cultivation and Yield of Mushroom [*Pleurotus sajor-caju* (Fr.) Sing.] in different Agricultural Waste Substrates.*Significance of Indian Medicinal Plants and Mushrooms (Volume-I),* Krishna Publication House, No. 303, Anantwadi, Bhavnagar, Gujrat. **ISBN No.:** 978-93-90627-49-3.
  6. Geetika Kalita and **Kumud Das** (2022). Diversity of Wild Edible Mushroom in Morigaon district of Assam, India. *The Mushroom: An Incredible Natural Resource*, Blue Rose Publisher, Dariyaganj, Delhi-2. **ISBN No.:** 978-93-5628-257-5.
  7. Geetika Kalita and **Kumud Das** (2022). Ornamental plants used as indoor gardening and their importance. *Plants & their application in different Fields*. Nitya Publications, Bhopal, India. **ISBN No.:** 978-93-94894-27-3.
  8. Geetika Kalita and **Kumud Das** (2022). Plants used for different household purposes by Tiwa Tribe and their Conservation strategy in Morigaon district of Assam. *Environment Conservation, Challenges Threats in Conservation of Biodiversity (Volume-IV)*, Scieng Publications, Maniyakar Street, Anumandai, Villupuram District, Tamilnadu-604303. **ISBN No.:** 978-93-94766-26-6.
  9. Salman Hussain, Nripen Kumar Gogoi and **Kumud Das** (2023). Isolation of Endophytic microbes from *Acacia pennata* (L.) Willd. And their antifungal activity against *Rhizoctonia solani* Kuhn. *Research in Mycology (Volume-II)*, Blue Duck Publications, Srinagar, J & K. **ISBN No.:** 978-93- 93996-47-3.
  10. Krishna Borgohain and **Kumud Das** (2023). The ethnic beliefs on sacred plants and animals of different tea tribes in an around Dibrugarh district of Assam, India. *Applied Trends of Life*

*Sciences*, Scieng Publications, Maniyakar Street, Anumandai, Villupuram District, Tamilnadu- 604303. **ISBN No.:** 978-93-94766-40-2.

# Faculty Development Program (FDP) :

* 1. Participated in two Week FDP on**“ICT Tools for Classroom Teaching”**organized by Electronics & ICT Academy, MeitY, Govt. of India and IIT Guwahati from 06-21 September, 2017 (16 days).
  2. Participated in One week FDP on “**Gender Concerns in Educations”**organized by Centre for Women Studies, Dibrugarh University from 26th May to 1st June, 2020.
  3. Participated in One week FDP on **“Research Methodology”**organized by Kumar Bhaskar Varma Sanskrit and Ancient Studies University, Nalbari, Assam from 24th June to 30 June, 2020.
  4. Participated in a FDP **on “Moodle Learning Management System and Latex Training”** jointly organized by Nowgong College (Autonomous) and IIT Bombay during January Semester, 2020.
  5. Participated in One week FDP on **“Learning Pedagogy and Effective use of Case Methodology”** organized by ASMA Institute of Management, Pune, Maharashtra from 17-21 May, 2020.
  6. Participated in One Week FDP on **“Intellectual Property Rights”** jointly organized by Nalbari College and Electronics & ICT Academy, MeitY, Govt. of India and IIT Guwahati from 21-27 June, 2021.
  7. Participated in One Week FDP on **“Research Methodology and Project Writing”** organized by Institutional Development Plan (IDP) Cell, Rama Devi Women’s University, Bhubaneswar, Odisha from 07-11 July, 2021.
  8. Participated in One Week FDP on **“Imparting Online Teaching-Learning Methodology”** organized by Electronics & ICT Academy, MeitY, Govt. of India and IIT Guwahati from 21-27 March, 2022.
  9. Participated in One Week FDP on **“ICT Tools forTeaching Learning Process and Higher Educational Institutions”** organized by Govt. Mahakoshal Arts & Commerce College (Autonomous), Jabalpur, M.P. from 27th Feb. to 6th March, 2023.

# Orientation Course/ Refresher Course :

* 1. Orientation Course (OC) completed from UGC-HRDC, Gauhati University, Guwahati, Assam from 14th February to 13th March, 2019.

# Membership of Government Academic Institution/ Personal Bodies/Society/NGOs etc.

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| **Name of the Organization** | **Membership Type**  **(Annual/Life/Other)** |
| Assam Science Society | Life Member |
| Assam College Teachers’ Association | Life Member |
| Assam Sahitya Sabha | Life Member |
| UNESCO, Guwahati | Life Member |

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