

C.V. DATA FORMAT



Dr./Mr./Mrs./Name: Dr. Banani Dutta

Designation in (subject): Assistant Professor in Mathematics

Highest qualification: Ph. D.

Contact details/ Office address: Darjeeling Govt. College,

Lebong Cart Road , Darjeeling ,Pin- 734101.

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Date of joining to this institution*: 06-04-2019

Date of joining W.B.E.S.: 06-04-2019

Previous position(s) held/ Additional charges (if any): Hostel -in-Charge of Heather Lodge Girls' Hostel, Darjeeling Govt. College.

Teaching experience in years & months: 5 yrs. 1 month

Fellowship, Awards, Recognition and Honours (if any): Dharendra Chandra Memorial Silver Medal for being 1st class 1st in B.Sc. Hons. Mathematics in University of Kalyani (2012).

Courses taught: UG

Research area/ interest: Pure Mathematics (Complex Analysis)

List of publications-

***Peer reviewed journals:**

- 1. On the central index of composite entire functions, S K Datta, B Dutta, International Journal of Engineering , Science and Mathematics, vol.7, Issue 05, 2018.**
- 2. Fuzzy version of some results of Value distribution theory, S K Datta, B Dutta, Journal of Calcutta Mathematical Society, vol.15,no.1, 2019.**
- 3. Some results on sum and product of relative growth factors of entire functions , S K Datta, B Dutta, N. Biswas, Journal of Classical Analysis, 2018.**
- 4. On different relative growth factors of entire functions, S K Datta, B Dutta, N Biswas, Journal of the Indian Mathematical Society, vol. 86, nos. 3-4, pp. 296-314, 2020.**

5. Some results on hyper-relative (p,q) -psi order of entire functions, B. Dutta, Md. A. Hoque, Bulletin of Calcutta Mathematical Society, Vol-115 , No.6 , pp-781-800, 2023.

6. A note on (j,k) th-Proximate order and (j,k) th proximate type of entire function, A Hoque , B Dutta, Journal of Calcutta Mathematical Society , vol. 20(1) 27-40 (2024).

***Conference proceedings:**

1. On the growth analysis of complex linear differential equations with entire and meromorphic coefficients, S K Datta, B Dutta, International Journal of Engineering , science and mathematics, vol.7, Issue 05, 2018.

2. On the different relative growth factors of entire functions , S K Datta, B Dutta, Bulletin of Calcutta Mathematical Society, vol.110,no.6, 2018.

***Books/chapters in books etc. (if any):**

1. Fuzzy magnified translation on meromorphic functions of fuzzy complex variables, S K Datta, Distance Education and its Obscurities: Addressing the 'Inaccessibility' Conundrum in Mathematics and other Disciplines, ISBN: 978-93-82112-66-2.

2. On hyper relative (m,s) order of entire function in light of central index, Md. A. Hoque, B. Dutta, Springer book series Trends in Mathematics, ISSN : 2297-024X , 2024.

3. (j,k) th-Proximate order and (j,k) th proximate type of entire function, B. Dutta, Md. A. Hoque, Springer book series Trends in Mathematics, ISSN : 2297-024X , 2024.

Google Scholar link/ ResearchGate link/ ORCID ID ((if any) :

Presentations/ attended in conferences/ workshops/seminars/symposium etc :

1. Paper presented on International Seminar on facets of basic sciences and applications organized by Howrah Girls' College in 2018.
2. Paper presented on National Conference on Mathematical Analysis and mathematical modelling organized by Calcutta Mathematical Society in 2018.
3. Paper presented on International conference on algebra , mathematical analysis and simulation organized by Calcutta Mathematical Society in 2022.
4. Paper presented on International conference on recent developments in Mathematics organized by Canadian University , Dubai , UAE in 2022.
5. Paper presented on International conference on Mathematical challenges and novel applications organized by Ayya Nadar Janaki Ammal college , Sivakashi in 2024.

Details regarding participation in FIP/OP/RC:

1. Faculty Development program in 2021 from University of Calcutta.

2. Refresher course in 2022 from University of North Bengal.