

## GENERAL INFORMATION

1. Name (Block letters) : Biswajit Saha
2. Current Designation : Assistant Professor
3. E-mail: :sahabiswajitku@gmail.com
4. Educational Qualification (Graduation onwards):

| DEGREE | YEAR | UNIVERSITY            |
|--------|------|-----------------------|
| B.Sc.  | 2005 | University of kalyani |
| M.Sc.  | 2007 | University of kalyani |
| Ph.D.  | 2017 | University of kalyani |

5. Teaching Experience : 9 years
6. Field of Specialization : Complex Analysis
7. Courses Taught/ Teaching : UG
- 8. Conferences/ Seminars/Workshops:**

| Sl. No. | Title of the paper presented  | Title of Conference/ Seminar  | Organized by                                     | Whether International/ National/State/ Regional/College or University level |
|---------|---|---|--|---|
| 1       | Entire functions that share a polynomial with finite weight                     | National Seminar on recent developments in mathematics and its application        | University of Kalyani                            | National  |
| 2       | Some results on uniqueness and meromorphic functions sharing a polynomial       | International Conference on differential geometry, algebra and analysis           | Jamia Milia Islamia University, New Delhi        | International   |
| 3       | Value distribution and uniqueness of difference polynomials of entire functions | National seminar on mathematics and applications                                  | University of Kalyani                            | National  |
| 4       | Value Distribution of Uniqueness of Difference Polynomials of Entire Functions  | International Conference on Recent Advances in Algebra, Analysis and Applications | Mohanlal Shkhadia University, Udaipur, Rajasthan | International   |

|   |  |   |                                  |               |
|---|--|---|----------------------------------|---------------|
| 5 | Some results on uniqueness of certain type of shift polynomials sharing a small function | International Webinar on the role of Applied Mathematics in present Global Crises | Vidyasagar University, Midnapore | International |
|---|--|---|----------------------------------|---------------|

## 9. Publication

### (i) Published Papers in Journals

| Sl. No | Title with page no.   | Journal                        | ISSN/ ISBN No.   | Whether peer reviewed. Impact factor, if any |
|--------|---|--------------------------------|--|--|
| 1      | Uniqueness of Meromorphic functions whose certain differential polynomials share a small function | Acta Mathematica Vietnamica    | Print ISSN 0251-4184<br>Online ISSN 2315-4144            | Peer reviewed Journal                        |
| 2      | Value distribution and uniqueness of certain type of difference polynomials                       | Applied Mathematics E-Notes    | ISSN-1607-2510   | I F- 0.34                                    |
| 3      | Entire functions that share a Polynomial with finite weight                                       | Matematychni Studii            | ISSN 2411-0620<br>(Online)<br>ISSN 1027-4634 (Print)     | I F-0.32                                     |
| 4      | Nonlinear Differential Polynomials sharing certain value or fixed point                           | Vietnam Journal of Mathematics | ISSN 2305-221X<br>(Print),<br>ISSN 2305-2228<br>(Online) | I F-0.227                                    |
| 5      | Some results on uniqueness of entire functions sharing a polynomial                               | Gulf Journal of Mathematics    | ISSN : 2309-4966   | Peer reviewed                                |
| 6      | Some results on uniqueness of meromorphic functions sharing a polynomial                          | Tbilisi Mathematical Journal   | OnlineISSN 1512 - 0139                                   | Peer reviewed                                |

|    |   |  |                |                                    |
|----|---|--|----------------|------------------------------------|
| 7  | Uniqueness of difference-differential polynomials of entire functions sharing one small function  | Konuralp Journal of Mathematics  | ISSN-2147-625X | IF-0.456                           |
| 1  | SOME RESULTS ON THE UNIQUENESS OF CERTAIN TYPE OF NONLINEAR DIFFERENTIAL POLYNOMIALS WITH REGARD TO MULTIPLICITY SHARING A SMALL FUNCTION                     | Journal of Advanced Mathematical Studies   | ISSN 2065-5851 | Peer reviewed Journal (UGC listed) |
| 2  | On the uniqueness of certain type of nonlinear differential polynomials with regard to multiplicity sharing a small function                                  | The Journal of Analysis  | ISSN 2367-2501 | IF-0.73                            |
| 3  | SOME REMARKS ON THE GENERALIZED ORDER AND GENERALIZED TYPE OF ENTIRE FUNCTIONS OF SEVERAL COMPLEX MATRICES  | Operators and Matrices   | ISSN 1846-3886 | IF-0.59                            |
| 4  | GENERALIZED RELATIVE TYPE $(\alpha, \beta)$ AND GENERALIZED RELATIVE WEAK TYPE $(\alpha, \beta)$ ORIENTED SOME GROWTH PROPERTIES OF COMPOSITE ENTIRE FUNCTION | Journal of Fractional Calculus and Applications  | ISSN 2090-5858 | Peer reviewed Journal (UGC listed) |
| 5  | SOME RESULTS ON UNIQUENESS OF CERTAIN TYPE OF SHIFT POLYNOMIALS SHARING A SMALL FUNCTION  | Journal of the Korean Society of Mathematical Education Series B: THE PURE AND APPLIED MATHEMATICS | ISSN 1226-0657 | Peer reviewed Journal (UGC listed) |
| 6  | SUM AND PRODUCT THEOREMS RELATING TO GENERALIZED RELATIVE ORDER $(\alpha, \beta)$ AND GENERALIZED RELATIVE TYPE $(\alpha, \beta)$ OF ENTIRE FUNCTIONS         | Journal of the Korean Society of Mathematical Education Series B: THE PURE AND APPLIED MATHEMATICS | ISSN 1226-0657 | Peer reviewed Journal (UGC listed) |
| 7  | UNIQUENESS OF ENTIRE FUNCTIONS CONCERNING THE SHIFT DIFFERENTIAL POLYNOMIALS  | Electronic Journal of Mathematical Analysis and Applications                                       | ISSN 2090-729X | Peer reviewed Journal (UGC listed) |
| 8  | A NOTE ON GENERALIZED GOL'DBERG ORDER AND GENERALIZED GOL'DBERG TYPE OF ENTIRE FUNCTION OF SEVERAL COMPLEX VARIABLES REPRESENTED BY MULTIPLE DIRICHLET SERIES | Jnanabha   | ISSN 2455-7463 | Peer reviewed Journal (UGC listed) |
| 9  | Entire functions and some of their growth properties on the basis of generalized order $(\alpha, \beta)$  | International Journal of Nonlinear Analysis and Applications                                       | ISSN 2008-6822 | IF-0.64                            |
| 10 | ON THE UNIQUENESS OF CERTAIN TYPE OF SHIFT POLYNOMIALS SHARING A SMALL FUNCTION   | Korean Journal of Mathematics  | ISSN 2288-1433 | IF-0.53                            |

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|----|--|----------------------------------|------------------|---------|
| 11 | VALUE DISTRIBUTION AND UNIQUENESS OF DIFFERENCE POLYNOMIALS OF ENTIRE FUNCTIONS      | Palestine Journal of Mathematics | ISSN 2219-5688   | IF-0.42 |
| 19 | WEIGHTED SHARING AND UNIQUENESS OF MEROMORPHIC FUNCTIONS WITH REGARD TO MULTIPLICITY | Tamkong Journal of Mathematics   | ISBN - 2073-9826 | IF-0.31 |

**(ii) Articles/ Chapters published in Books**

| Sl. No. | Title with page no.  | Book title, editor & publisher | ISSN/ISBN No. (Or, Renowned publishers) See Cat 1-4 as above for scores | Whether peer reviewed. |
|---------|--|--------------------------------|---|------------------------|
| 1.      | Some Remarks on the Growth Analysis of p-adic Entire Functions | Scholars' Press                | 978-620-6-77074-9   | Yes                    |
| 2.      | Riemann Integration and Series of Functions                    | NSOU                           |   |                        |

10. Research Guidance (PhD/ Phil, MA Project/ BA Project) :

11. Project (UGC/ DST/etc) : N.A.

12. Consultancy/ Extension work : N.A.

13. Membership of Academic Institution : Calcutta Mathematical Society, Indian Statistical Institute Kolkata

14. Awards : N.A.