

## CURRICULUM VITAE

**Mr. RATAN JANA**

STATE AIDED COLLEGE TEACHER  
DEPARTMENT OF MATHEMATICS  
HARIMOHAN GHOSE COLLEGE  
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### **PROFILE: -**

- Date of Birth : 23/10/1994
- Gender : Male
- Martial Status : Single
- Language Known : English, Hindi, Bengali

### **EDUCATIONAL QUALIFICATION: -**

<b>Examination passed</b>	<b>School/ College/Institute</b>	<b>University /Board</b>	<b>Year Of passing</b>	<b>Division</b>
MP	Nimtala High School	W.B.B.S.E	2009	I
HS	Gobra INKM High School	W.B.C.H.S.E	2011	I
BSC	Bajkul Milani Mahavidyalaya	VIDYASAGAR UNIVERSITY	2014	I
MSC	Bankura University	BANKURA UNIVERSITY	2016	I
PHD	Ramakrishna Mission Vidyamandira	University of Calcutta	Pursuing	–

## **RESEARCH INTERESTS:**

Multi attributes decision making on fuzzy environment,  
Rough set, Near set, Fuzzy Logic  
Bio mathematics,  
Computational fluid dynamics

## **SPECIALIZATION:**

Computational Fluid Dynamics (CFD)  
Statistics, Mathematical Modelling .

## **COMPUTATIONAL SKILLS:**

Operating System-Windows, Linux  
Programming Language- "C"  
Software Packages- OpenFOAM  
Mathematica, R, LaTeX .

## **SCHOLARSHIPS & AWARDS:**

Qualified Graduate Aptitude Test in Engineering  
(GATE) In Year 2018,  
GATE Score-373& AIR-1138  
Received Merit-Cum Scholarship in M.Sc 2014-16.

## **ADDITIONAL INFORMATION:**

Participate in Seminars/Webinar

**(i) CHRIST, Bangalore:** National level online workshop on Programming Essentials for Mathematics using Python, 9<sup>th</sup> – 14<sup>th</sup> August, 2020.

**(ii) Gurucharan College, Silchar:** International Webinar Series on Applications of Mathematics, 20<sup>th</sup> - 22<sup>nd</sup> August, 2020.

**(iii) Bishop Cotton Women Christian College, Bangalore:** Training Program on R for statistic and data science, 25<sup>th</sup> – 27<sup>th</sup> August, 2020.

**(iv) Bankura University, Bankura:** A Two-day International Webinar on Algebra, Analysis & Topology 13<sup>th</sup> -14<sup>th</sup> August, 2020.

**(v) Jawaharlal Nehru University, New Delhi:** Two-Day International Conference (online) on Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research on 16<sup>th</sup> -17<sup>th</sup> August, 2020.

**(vi) Dr B R Ambedkar National Institute of Technology, Jalandhar:** One Week Online Short-Term Course on Construction Materials and Methods in Civil Engineering 25<sup>th</sup> -29<sup>th</sup> August, 2020.

**(vii) Government Arts College for Women, Sivagangai:** Webinar entitled “VOLTERRA SPACE”, the field of Topology conducted by the Department of Mathematics on 25<sup>th</sup> August, 2020.

**(viii) Mugberia Gangadhar Mahavidyalaya, West Bengal:** International Webinar On “Mathematical Modelling In The Context Of Covid-19” on 30<sup>th</sup> - 31<sup>st</sup> August and 1st September, 2020.

**(ix) Deshbandhu College University of Delhi, Delhi:** Webinar on “Fractals and Its Applications in Real Life” organised by the Department of on 25<sup>th</sup> August, 2020.

**(x) Gujarat University, Ahmedabad:** International Conference on Natural Inspired Dynamical System on 12<sup>th</sup> September, 2020.

**(xi) Tezpur University, Assam:** National Webinar on “ADVANCED In Mathematical Modelling of Infectious Diseases” on 31<sup>st</sup> August 2020.

## **STRENGTH**

- Trying to be Punctual.
- Full commitment to my work and quick learner.
- Ability to learn new things .
- Willing to do anything .

## TEACHING EXPERIENCE: -

Duration	Designation	Organization	Teaching Areas
28-08-2018 to 31-12-2019	Guest Lecturer	Department Of Mathematics Harimohan Ghose College, University of Calcutta	<b>Under Graduate:</b> 1 <sup>st</sup> Sem : Differential Calculus, Integral Calculus 2 <sup>nd</sup> Year : Abstract Algebra 3 <sup>rd</sup> Year : Abstract Algebra & Programming Language
11-07-2019 to 31-12-2019	Assistant Professor (Contractual)	Mugberia Gangadhar Mahavidyalaya, Vidyasagar University	<b>Post Graduate:</b> 1st Sem- Complex Analysis 3 <sup>rd</sup> Sem- PDE and its application, Laplace transform and Fourier Transform <b>Under Graduate:</b> 1 <sup>st</sup> Sem- Geometry 3 <sup>rd</sup> Sem- Numerical Analysis 5 <sup>th</sup> Sem- Partial Deferential Equation
01-01-2020 to till date	State Aided College Teacher	Department Of Mathematics Harimohan Ghose College, University of Calcutta	<b>Under Graduate:</b> 6 <sup>th</sup> Sem : Numerical Methods & Lab. 5 <sup>th</sup> Sem : Bio Mathematics. 4 <sup>th</sup> Sem :Riemann Integration & Series of Function. 3 <sup>rd</sup> Sem : C programming . 2 <sup>nd</sup> Sem : Real Analysis. 1 <sup>st</sup> Sem : Differential Calculus.
22-11-2021 to till date	Visiting Faculty	Uluberia Employment Exchange Office	UPSC & WBCS Mathematics

I declare that the above information is true at the best of my knowledge.

Date: -

Place: -

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Signature