

RESUME OF FACULTY



A. GENERAL INFORMATION

1	Name of the Teacher	DR. CHINGTHAM SONIA		
2	Designation	Assistant Professor		
3	Department	Department of Mathematics, D.M. College of Arts		
4	Specialization, if any	General Theory of Relativity and Cosmology, Dynamical System Analysis, Tensor Analysis.		
5	Name of the College	D.M. College of Arts, DMU		
6	Date of Birth	01/04/1994		
7	Date of joining regular service	16/08/2024		
8	Date of Joining in the Constituent College of DMU	09/09/2024		
9	Date of Superannuation	31 March, 1959		
10	Academic Qualification (Graduation onwards)	Exam Passed	Year	Division/Percentage
		B.A./B.Sc.	2014	I (85.83%)
		MSc	2017	I (85%)
		M.Phil.	NA	NA
		Ph.D.	2025	NA
		NET/SLET/JRF/GATE etc.	JRF(2019)	NA
11	Teaching Experience (in years)	UG =1 year		
12	Email Id and Contact No.	chingtham.sonia19@gmail.com , 8257974095		

B. PUBLICATION OF RESEARCH PAPERS IN UGC CARE LISTED/ PEER REVIEWED/ INDEXED JOURNALS etc.

Sl. No.	Name of the Journal, Vol. & Issue no.	Title of the paper & page nos.	Month & Year of Publication	Impact Factor, if any	Whether UGC Approved/Care listed/Peer-reviewed/Scopus indexed	ISSN
1	Advances in High Energy Physics, (2020) , 1805350	S. Surendra Singh and Chingtham Sonia, Dynamical system perspective of cosmological models minimally coupled with scalar field, 1-18.	May, 2020	1.77	UGC Approved/Care listed SCI indexed Q2 Journal	ISSN: 1687-7357 (printed) 1687-7365 (online)
2	European Physical Journal C (2022), 82:863	Chingtham Sonia and S. Surendra Singh, Dynamical systems of cosmological models for different possibilities of G and ρ_Λ , 1-27	October, 2022	4.2		ISSN: 1434-6044 (Print) 1434-6052 (online)

C. CONFERENCES/ SEMINARS/ WORKSHOPS/ SYMPOSIUMS PARTICIPATED OR ORGANIZED

Sl. No.	Name of Conference/Seminar/ Symposium participated or organized	National/ International	Date/Duration & Venue
1	TEQUIP III Sponsored one week workshop on Pure and Applied Mathematics, organised by Department of Mathematics, NIT Manipur	National	11-15 December, 2018, NIT Manipur
2	TEQUIP III Sponsored five day workshop on computational and Analytical Methods in Physics and Mathematics jointly, organised by Department of Mathematics and Department of Physics, NIT Manipur	National	19-23 February, 2019, NIT Manipur
3	International Conference on Gravitation, Cosmology and Mathematical Physics, organised by Department of Mathematics and Physics, GLA University, Mathura	International	4-7 April, 2019, GLA University, Mathura
4	Five-day workshop on Applications of Mathematics in Engineering, organized by Department of Mathematics, Manipur Technical University, Imphal, Manipur	National	25-29 June, 2019; Manipur Technical University

5	TEQUIP III sponsored five day workshop on Mathematical Modelling and System Level Designing, organised by Department of Mathematics, NIT Manipur	National	22-26 July, 2019; NIT Manipur
6	Five day workshop on Mathematical Modelling and Scientific computing, organised by Department of Mathematics, NIT Manipur	National	26-30 August, 2019; NIT Manipur
7	National Conference on Recent trends in Mathematics, Organized by Department of Mathematics, NIT Manipur	National	27-28 November, 2020; NIT Manipur
8	TEQUIP III Sponsored webinar on Recent Advances in Applied Sciences, organised by Department of Mathematics, NIT Manipur	National	12-16 December, 2020, NIT Manipur
9.	National Conference on Applied Physics and Mathematics, organised by Department of Mathematics, NIT Manipur	National	19-20 December, 2020, NIT Manipur
10.	International Virtual Conference on Recent Applications of Mathematical Sciences, organized by Department of Mathematics and Statistics, University College of Science Mohanlal Sukhadia University, Udaipur, Rajasthan-313001, India	International	15-16 July, 2021, University College of Science Mohanlal Sukhadia University, Rajasthan
11.	27 th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on Advances in Relativity and Cosmology, organised by Department of Mathematics, BITS-Pilani, Hyderabad Campus	International	26-28 October, 2021, BITS-Pilani, Hyderabad Campus
12.	International Webinar on Foundations for Contemporary Mathematical Research, organised by Department of Mathematics, Manipur University, Imphal, Manipur	International	8-10 November, 2021, Manipur University
13.	Five day online short term course on Introduction to Mathematica, organised by Department of Mathematics, NIT Manipur	National	27-31 December, 2021, NIT Manipur
14.	Five day online short term course on Probability and Various Aspects organised by Department of Mathematics, NIT Manipur	National	8-12 December, 2021, NIT Manipur
15.	Five day online short term course on Some Aspects of Mathematics in Teaching and Research organised by Department of Mathematics, NIT Manipur		20-24 November, 2021, NIT Manipur

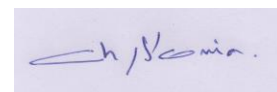
D. PAPER PRESENTATIONS IN CONFERENCES/SEMINARS/SYMPOSIUMS

Sl. No.	Name of Conference/Seminar/Symposium	Organized/sponsored by	Name of the topic presented	Date & Venue
1	International Conference on Gravitation, Cosmology and Mathematical Physics (ICGCAMP-2019)	. Organized by Department of Mathematics and Physics, GLA University, Mathura in collaboration with The Tensor Society, India	Dynamical system perspective of a minimally coupled classical scalar field with a perfect fluid	4-7 April, 2019, GLA University, Mathura
2	National Conference on Recent Trends in Mathematics	Organized by Department of Mathematics, National Institute of Technology Manipur, Langol, Imphal under TEQIP-III.	Dynamical system perspective of cosmological models minimally coupled with scalar field	27-28 November, 2020, NIT Manipur, Langol, Imphal
3.	27th International Conference of International Academy of Physical Sciences on Advances in Relativity and Cosmology (CONIAPS XXVII),	Organized by Department of Mathematics, Birla Institute of Technology and Science, Pilani, Hyderabad Campus, Hyderabad, India	Cosmological models for different possibilities of G and ρ_Λ	26-28 October, 2021, Birla Institute of Technology and Science, Pilani, Hyderabad Campus
4.	International Virtual Conference on Recent Applications of Mathematical Sciences (RAMS-2021)	Organized by Department of Mathematics and Statistics, University College of Science Mohanlal Sukhadia University, Udaipur-313001(Raj.) India	A comparative study of cosmological models by using dynamical system approach	15-16 July, 2021, University College of Science Mohanlal Sukhadia University, Udaipur

E. FRAMING OF CURRICULUM & SYLLABI

Sl. No.	UG	PG	Ph.D.
1	Member of Board of Studies (Oriental College, 2018 to 2023)		

Note: Attach supporting documents



Signature of the Faculty