



DESHBANDHU COLLEGE

(UNIVERSITY OF DELHI)

KALKAJI, NEW DELHI - 110019

Faculty Details Proforma for DU College - Website

Title	Dr.	First Name	MD CHAND	Last Name	ASIQUE	Photograph
Designation	Assistant Professor					
Address	Department of Physics, Deshbandhu College, University of Delhi, New Delhi, Delhi-110017					
Residence Address	350B, Pocket-N, Janta Flats, Sarita Vihar, New Delhi-110052					
Mobile	+91-7903927728, +91-7352706545					
Email	mdchandasique@gmail.com casique@db.du.ac.in https://sites.google.com/db.du.ac.in/mdchandasique?usp=sharing					
Educational Qualifications						
Degree	Institution	Subjects	Year			
Ph.D.	T.M.B.U Bhagalpur	Physics	2018			
M.sc	T.M.B.U Bhagalpur	Physics	2011			
B.sc (Hons.)	T.M.B.U Bhagalpur	Physics	2009			
Title of Thesis	On the restricted four-body problem					
Career Profile						
College Name	From	to				
Deshbandhu College	17 Aug 2019(Ad-hoc)	27 Nov 2022(Ad-hoc)				
	28 Nov 2022(Permanent)	Till date				
Subject Taught						
Theory: Elements of Modern Physics, Astronomy & Astrophysics, Classical Mechanics, Solid State Physics, Waves and Oscillation, Advanced Mathematical Physics, Statistical Analysis Practical: Elements of Modern Physics, Waves and Oscillation, Thermal Physics, Mechanics, Basic Instrumentation Skills, Electrical Circuits and Network Analysis, Quantum Mechanics, Advanced Mathematical Physics, Electricity and Magnetism, Mathematical Physics-1, Digital Empowerment(VAC), Basic IT Tools						
Areas of Research						
Celestial Mechanics, Space Dynamics, Astrophysics and Space Science						
List of publication: 35 Papers						
Science Citation Indexed (SCI) listed/ Peer-Reviewed journals						
Name of Journals	IF	Papers	Publishers	SCI		
Astrophysics and Space Sciences	1.909	6	Springer	Yes		
New Astronomy	2.096	10	Elsevier	Yes		
Chaos, Solitons and Fractals	9.900	4	Elsevier	Yes		

International Journal of Non-linear Mechanics	3.336	1	Elsevier	Yes
Non-Linear Dynamics	5.741	3	Springer	Yes
Planetary and space science	2.085	1	Elsevier	Yes
Astronomical Notes	0.954	2	Wiley	Yes
The Journals of Astronautical Sciences	1.560	2	Springer	Yes
Computational and Mathematical methods	0.000	2	Wiley	Yes
Astronomical and Astrophysical Transactions	0.030	1	CSP	Yes
Astronomical Reports	1.0	1	Springer	Yes
Astronomy and Computing	1.9	2	Elsevier	Yes
Total		35		

Publications Profile

List of publication:

1. Science Citation Indexed (SCI) listed journals

Year-2025

P35. Md Sanam Suraj , **Md Chand Asique***, **Exploring the equilibrium dynamics of an infinitesimal body in the perturbed problem of five bodies**, 2025/2/1, 191,vChaos, Solitons and Fractals. <https://doi.org/10.1016/j.chaos.2024.115873>

Year-2024

P34. MS Suraj, M Bhushan, **MC Asique***, **A study of the equilibrium dynamics of the test particle in the collinear circulated restricted four-body problem with non-spherical central primary**. *Astronomy and Computing*, Volume 48, 100831, 2024/7/1, <https://doi.org/10.1016/j.ascom.2024.100831>

P33.M.C. Asique^a , S. Alhowaity^b , A. Alhowaity^c , H. Hamam^d , M.S. Suraj^{c*}***The study of equilibrium dynamics of the collinear restricted four-body problem with non-spherical test particle**, *Astronomy and Computing* Volume 46, January 2024, 100781, <https://doi.org/10.1016/j.ascom.2023.100781>.

Year-2023

P32: Md Sanam Suraj, F.L. Dubeibe , Rajiv Aggarwal , **Md Chand Asique*** , Sawsan Alhowaity , Awatif Alhowaity , **On the basins of convergence in the beyond-Newtonian spatial collinear circular restricted four-body problem with spinning primaries**. *New Astronomy*, (Available online 21 March 2023), Publication date: 01/08/2023 <https://doi.org/10.1016/j.newast.2023.102035>.

P31: Prachi Sachan, Md Sanam Suraj*, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique: A Study of the Axisymmetric Restricted Five-Body Problem within the Frame of Variable Mass, The Concave Case**. *Astronomy Reports*, volume 67, 404-423,04/2023, <https://doi.org/10.1134/S1063772923040030>

P30: Md Sanam Suraj,Om Prakash Meena, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique*: On the periodic orbits around the collinear libration points in the SCRBP with non-spherical primaries**. *Non-linear Dynamics*, Volume 98, March 2023, 101894, <https://doi.org/10.1007/s11071-022-08131-w>

P29: O.P., Meena, Md Sanam Suraj, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique*: The study of periodic orbits in the spatial collinear restricted four-body problem with non-spherical primaries**. *Non-Linear Dynamics*, by Springer. volume 111,March 2023, 4283-4311, <https://doi.org/10.1007/s11071-022-08085-z> .

Year-2022

P28: Md Sanam Suraj, Sawsan Alhowaity, Rajiv Aggarwal, **Md Chand Asique***. **Orbit classification in the restricted three-body problem with the effect of three-body interaction**. *New Astronomy*, (Available online 21 July 2022), Jan 2023, 101894. <https://doi.org/10.1016/j.newast.2022.101894>.

P27: Md Sanam Suraj, Sawsan Alhowaity, Rajiv Aggarwal, **Md Chand Asique**, Amani Alahmadi. **On the rhomboidal restricted five-body problem: Analysis of the basins of convergence**. *New Astronomy*, Volume 97, 101893, November 2022, <https://doi.org/10.1016/j.newast.2022.101893>.

P26: Md Chand Asique, Sawsan Alhowaity, Awatif Alhowaity, Rajiv Aggarwal, Md Sanam Suraj, Haneen Hamam, [On the Dynamics of Non-Spherical Test Particle in the Spatial Collinear Restricted Four- Body Problem](#). *Chaos, Solitons & Fractals* (01 May 2022), **IF 7.8**. <http://dx.doi.org/10.2139/ssrn.4401356> .

P25: Md Sanam Suraj, F.L. Dubeibe, Rajiv Aggarwal, **Md Chand Asique***: [On the beyond-Newtonian collinear circular restricted \(3+1\)-body problem with spinning primaries](#). *Astrophysics and Space Science*. , Volume 367, 55, 06/2022, <https://doi.org/10.1007/s10509-022-04081-2>.

P24: Md Sanam Suraj*, Sawsan Alhowaity, Rajiv Aggarwal, **Md Chand Asique**, Amit Mittal, and Mamta Jain: [On the topology of basins of convergence linked to libration points in the modified R3BP](#). *New Astronomy*, Volume 94, 101776, (Available online 3 February 2022), July 2022, <https://doi.org/10.1016/j.newast.2022.101776>.

P23: Md Sanam Suraj, Rajiv Aggarwal, **Md Chand Asique***, Amit Mittal: [The influence of third order term on basins of convergence in the Henon-Heiles type system](#), *New Astronomy*. Volume, 94, 101761 (Available online 1 February 2022), July 2022, <https://doi.org/10.1016/j.newast.2021.101761>

P22: Md Sanam Suraj*, Rajiv Aggarwal, Md Chand Asique, Kumari Shalini.: [The study of Newton-Raphson basins of convergence in the three-dipole problem](#). *Non-Linear Dynamics*, Volume 107, 829-854, <https://doi.org/10.1007/s11071-021-07029-3> ,Jan 2022 **IF.: 5.022**, Published by-Springer.

P21: Prachi Sachan, Md Sanam Suraj*, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique**: [On the axis-symmetric restricted five-body problem within the frame of variable mass: the convex case](#). *New Astronomy*, [Volume 92](#), April 2022, 101697 (Available online 14 October 2021). <https://doi.org/10.1016/j.newast.2021.101697> .

Year-2021

P20: Md Sanam Suraj*, Rajiv Aggarwal, Vipin Kumar Aggarwal, **Md Chand Asique**, Amit Mittal: [On the Sitnikov-like N-Body Problem with quasi-homogeneous potential](#). *Computational and Mathematical Methods*. Online 27 June 2021, ISSN: 2577-7408. <https://doi.org/10.1002/cmm4.1180>

P19: Md Sanam Suraj*, Rajiv Aggarwal, **Md Chand Asique**, Amit Mittal, Mamta Jain, Vinod Kumar Paliwal: [Effect of three-body interaction on the topology of basins of convergence linked to the libration points in the R3BP](#). **V-205**, 105281, Online 14 June 2021, *Planetary and Space Science*. (**IF: 1.782**), ISSN: 1384-1076. <https://doi.org/10.1016/j.pss.2021.105281>

P18: Md Sanam Suraj*, Rajiv Aggarwal, Vipin Kumar Aggarwal, **Md Chand Asique**: [Combined effect of small perturbations in the Coriolis and centrifugal forces and three-body interaction on the existence of libration points in the R3BP](#). *New Astronomy*, **V-89**, 101630, (Nov. 2021) (online 01 June, 2021). (**IF: 1.058**), ISSN: 0032-0633. <https://doi.org/10.1016/j.newast.2021.101630>

P17: Md Sanam Suraj*, Rajiv Aggarwal, **Md Chand Asique**, Amit Mittal: [The Basins of Convergence in the Magnetic-Binary Problem with Angular Velocity](#). *Computational and Mathematical Methods*, 2021(3) e1161, online 24 March 2021. Online ISSN: 2577-7408. <https://doi.org/10.1002/cmm4.1161>

Year-2020

P16. Md Sanam Suraj, Rajiv Aggarwal, **Md Chand Asique**, Amit Mittal: [On the modified circular restricted three-body problem with variable mass](#). Vol-84, 2021, 101510, *New Astronomy*, (online 30 Sep.2020).(**IF:1.058**),ISSN:13841076.<https://www.sciencedirect.com/science/article/abs/pii/S1384107620302815>

P15. Md Sanam Suraj, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique**: [The effect of radiation pressure on the basins of convergence in the restricted four-body problem](#). *Chaos, Solitons, and Fractals*, [Volume 141](#), December 2020, 110347. (online 16 Oct. 2020) (**IF: 3.764**), ISSN: 0960-0779 <https://www.sciencedirect.com/science/article/abs/pii/S0960077920307426>

P14. Rajiv Aggarwal, Md Sanam Suraj*, **Md Chand Asique**, Amit Mittal: [The analysis of basins of convergence in the regular polygon problem of \(N+1\) bodies system with spheroidal primaries. Volume 85, May 2021, 101530, New Astronomy, \(online 17 Oct. 2020\) \(IF: 1.058\), ISSN: 1384-1076 https://doi.org/10.1016/j.newast.2020.101530](#)

P13. Md Sanam Suraj, Rajiv Aggarwal, Amit Mittal, Om Prakash Meena, **Md Chand Asique**: [The study of the fractal basins of convergence linked with libration points in the perturbed \(N+1\)-body ring problem. Astronomical Notes, Volume 341, Issue 8, October 2020, Pages 741-761. \(online 21 Sep. 2020\), \(IF: 1.064\), ISSN: 0004-6337 \(print\). 1521-3994 \(online\). https://doi.org/10.1002/asna.202013789](#)

P12. Md Sanam Suraj, Rajiv Aggarwal, Amit Mittal, **Md Chand Asique**: [The perturbed restricted three-body problem with angular velocity: Analysis of basins of convergence linked to the libration points, International Journal of Non-Linear Mechanics. 103494, V-123, April-2020. https://doi.org/10.1016/j.ijnonlinmec.2020.103494, \(IF: 2.225, Clarivate Analytics, 2019\), ISSN: 0020-7462; Published by- Elsevier, \(UGC Journal number: 23223\)](#)

P11. Md Sanam Suraj, Rajiv Aggarwal, Amit Mittal, Om Prakash Meena, **Md Chand Asique**: [On the spatial collinear restricted four-body problem with non-spherical primaries. Chaos, Solitons & Fractals, 133\(2020\) 109609. https://doi.org/10.1016/j.chaos.2020.109609, ISSN: 0960-0779, \(IF: 3.064\), Published by- Elsevier](#)

Year - 2019

P10. Md Sanam Suraj, **Md Chand Asique**, Amit Mittal, Rajiv Aggarwal; [Divulging the effect of small perturbations in the Coriolis and centrifugal forces in the photogravitational version of autonomous restricted four-body problem with oblate primary, Astronomical Notes. https://doi.org/10.1002/asna.201913629. 340\(5\), 413-429, 2019 \(IF: 1.322\); ISSN: 1521-3994 \(UGC Journal number: 1388\)](#)

P09. Md Sanam Suraj, Amit Mittal, Rajiv Aggarwal, **Md Chand Asique**, Prachi Sachan; [On the perturbed photogravitational restricted five-body problem: the analysis of fractal basins of convergence, Astrophysics and Space. Sci., 364, 87, May-2019, \(IF: 1.885, Thomson Reuters via Journal Citation Reports\), ISSN: 0004-640X, https://doi.org/10.1007/s10509-019-3575-3, Published by- Springer International Publishing, \(UGC Journal number: 1409\)](#)

P08. Md Sanam Suraj, **Md Chand Asique**, Rajiv Aggarwal: [On the restricted four-body problem when primaries are triaxial rigid body. Astronomical and Astrophysical Transactions, 31\(1\), 2019. ISSN- 1476-3540.](#)

Year - 2018

P07. Suraj, Md Sanam*. Aggarwal. Rajiv, Shalini, K., Asique, **Md Chand Asique**: [Out-of-Plane Equilibrium Points and Regions of Motion in Photogravitational R3BP when the Primaries Are Heterogeneous Spheroid with Three Layers. New Astronomy. 63:15-26 \(August-2018\), \(IF: 1.162\), ISSN: 1384-1076. https://doi.org/10.1016/j.newast.2018.02.005, Published by- Elsevier \(UGC Journal number: 37691\).](#)

Year - 2017

P06. Suraj, Md Sanam*, **Asique, M.C.**, Prasad, U., Hassan, M.R., Shalini, K.: [Fractal basins of attraction in the restricted four body problem when the primaries are triaxial rigid bodies. Astrophysics and Space Science. 362, 211\(20-Oct-2017\), \(IF: 1.885\), ISSN: 0004-640X, 1572-946X. https://doi.org/10.1007/s10509-017-3188-7, Published by- Springer International Publishing. \(UGC Journal number: 1409\)](#)

Year - 2016

P05. **Asique, M.C.**, Prasad, U., Hassan, M.R., Suraj, Md Sanam: [On the R4BP when the third primary is an ellipsoid. Journal of the Astronautical Sciences. 64\(3\), 231-250 \(28 Dec-2016\). \(IF: 1.406\), ISSN: 0021-9142. https://doi.org/10.1007/s40295-016-0104-2, Published by- Springer International Publishing. \(UGC Journal number: 10910\)](#)

P04. **Asique, M.C.**, Prasad, U., Hassan, M.R., Suraj, Md Sanam: [On the R4BP when the third primary is a triaxial rigid body. Astrophysics and Space Science, 361\(12\), 1-18 \(Dec-2016\). \(IF: 1.885\), ISSN: 0004-640X, 1572-946X. https://doi.org/10.1007/s10509-016-2959-x, Published by- Springer International Publishing. \(UGC Journal number: 1409\)](#)

Year - 2015

P03. **Asique, M.C.**, Prasad, U., Hassan, M.R., Suraj, Md Sanam.: [On the photogravitational R4BP when the third primary is oblate/prolate spheroid. Astrophysics and Space Science, 360, 13\(Nov-2015\). \(IF: 1.885\), ISSN: 0004-640X, 1572-946X. https://doi.org/10.1007/s10509-015-2522-1, Published by- Springer International Publishing. \(UGC Journal number: 1409\)](#)

P02. Asique, M.C., Prasad, U., Hassan, M.R., Suraj, Md Sanam: [On the R4BP when the third primary is an oblate spheroid, Astrophysics and Space Science](#), 357:82 (May-2015). (IF: 1.885), ISSN: 0004-640X, 1572-946X. <https://doi.org/10.1007/s10509-015-2235-5>, Published by- Springer International Publishing. (UGC Journal number: 1409).

Year - 2014

P01. Suraj, Md Sanam*, Asique, M.C., Shalini, K.: [The Photo-Gravitational R3BP when the Primaries are Heterogeneous Spheroid with Three Layers. Journal of the Astronautical Sciences](#), 61(3), 122-155 (June-2014). (IF: 1.406), ISSN: 0021-9142, 2195-0571. <https://doi.org/10.1007/s40295-014-0026-9>, Published by- Springer International Publishing. (UGC Journal number: 10910)

BOOK

ON THE PERTURBED RESTRICTED FOUR-BODY PROBLEM

ISBN-13: 978-620-0-46693-8; ISBN-10: 6200466939

Published By:

Verlag/Publisher:

LAP LAMBERT Academic Publishing, Germany

COLLABORATORS

1. Dr. Euaggelous E. Zotos (2017--present): Greece
2. Dr. Swasan Alhowaity, (2021-present): KSA
3. Dr. F.L.Dubeibe, (2021-present) Columbia
4. Dr. Umakant Prasad (2015-Present):India
5. Dr. M.R. Hassan (2015--present): India
6. Dr Md Sanam Suraj(2014-present): India
7. Dr. Rajiv Aggarwal (2018-present): India
8. Dr. Amit Mittal (2019--Present): India

PAPER PRESENTED IN CONFERENCES

C2. The Analysis of restricted four-body problem, International conference on Physics, Society and Technology held in University of Delhi, New Delhi, Delhi, January 17-19, 2019

C1. The Analysis of Restricted four-body problem when the third primary is an oblate spheroid. National Conference on Recent Trends in Mathematical and Computational Sciences, held in Bhagalpur University, 3-4 January 2015.

Conferences

- C1. The Analysis of Restricted four-body problem when the third primary is an oblate spheroid. **National Conference on Recent Trends in Mathematical and Computational Sciences**, held in Bhagalpur University, 3-4 January 2015.
- **C2.** The Analysis of restricted four-body problem, **International conference on Physics, Society and Technology** held in University of Delhi, New Delhi, Delhi, January 17-19, 2019
- **C3.** Participated in the International conference, **Human rights, national and international issues and challenges**, held in Ambedkar International Centre, Delhi, February 22-23, 2020
- **C4.** Organising member of 2nd International conference on "**Natural Products and Human Health-2022(ICNPHH-2022)**", held at Deshbandhu College, University of Delhi, New Delhi, India, November 04-06, 2022. https://drive.google.com/file/d/1bY38uxi_nINivDQbkCmNC-rhFecWuu8U/view?usp=drive_link
- **C5.** Organising member in the International Conference on "**Integrative Chemical Science for Health and Environment**", **ICHE-2023**, held from 6th - 8th October 2023 at Deshbandhu College, University of Delhi, New

Delhi, India, in association with INDIAN ASSOCIATION OF SOLID STATE CHEMIST AND ALLIED SCIENTIST, AUGUSTA UNIVERSITY, USA, INDIAN SOCIETY OF CHEMIST AND BIOLOGIST. https://drive.google.com/file/d/1b39n9B2Gic5BOelknh6ju7lO_vHOYMG8/view?usp=drive_link

FDP

- Completed Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0 " from May 18-June 03 2020, Organized by Teaching Learning Centre, Ramanujam College, University of Delhi, Sponsored by MINISTRY OF HUMAN RESOURCE DEVELOPMENT , PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AN TEACHING.
https://drive.google.com/file/d/1LwYAOFaQ4gQT6_KLdnyUZEu20_i_gWMW/view?usp=sharing
- Completed One -Week Online Faculty Development Programme on " DEVELOPMENT AND DELIVERY OF MOOCs AND E-CONTENT" Jointly organized by Central University of Haryana, Mahendergarh under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) and IQAC, Deshbandhu College, University of Delhi, New Delhi, from 26th June , 2020 to 1st July 2020.
https://drive.google.com/file/d/1Lbwsic9cZvAUfN7fmzU_9A0a8gDgJJb/view?usp=sharing
- Completed One -Week Online Faculty Development Programme on " Python: Essentials, Programming and Analytics" Jointly organized by "University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, from 27th October to 03rd November 2022".
https://drive.google.com/file/d/1unqSaMAZJuruKMNIq6jwND9xAgEwQh_Y/view?usp=sharing
- Completed One - Week Online Faculty Development Programme on "National Education Policy -2020" organized by "Teaching Learning Centre , Ramanujam College, University of Delhi, under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education, from 01-07 February 2023.
<https://drive.google.com/file/d/1TuEIkuQA8Mbg7xTiWbVs70bptW5W23y-/view?usp=sharing>
- Completed One-Week Short Term Course(FDP) on "Understanding the Power of Breath" from 12-17 February,2024 "Under the aegis of IQAC, ViksitBharat@2047, Har Ghar Dhyani Initiative In association with The Art of Living Foundation and Teaching Learning Centre Ramanujam College, University of Delhi, under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT).
https://drive.google.com/file/d/1i3GuQ5GjCYdGkdEFZIMQNNRa8c7XWs0_/view?usp=drive_link
- Completed National Level FDP on "PROGRAMMING USING PYTHON" organized by Hindu College in collaboration with Spoken Tutorial, IIT Bombay from July 22, 2024 to August 10, 2024 also successfully passed the FDP exam conducted by ST, IIT Bombay on August 10, 2024.
https://drive.google.com/file/d/12EFTXsudurBOXy9vGX_t89b0c6XDO2GRx/view?usp=drive_link
https://drive.google.com/file/d/1-Flv0T1z5mIRJhodZgzXS4IhgK_gVEfX/view?usp=sharing
- Participated in the FDP/Training Program on "ADVANCE TOOLS AND TECHNIQUES FOR RESEARCH METHODOLOGY" from 02-12 December 2024 organized by Research Foundation of India.
https://drive.google.com/file/d/1i3GuQ5GjCYdGkdEFZIMQNNRa8c7XWs0_/view?usp=drive_link
- Participated in the Two-Day National FDP (Online) titled "Use of ICT in various Types of Assessment and Evaluation" on 21-02-2025 and 22-02-2025, organised by Rashtriya Arts Commerce and Science College, Nagad, Maharashtra, and A.C.T. Academy, Kerala.
https://drive.google.com/file/d/1TjB1SwbMFR7tgxlzB5weX_WR8S7JL3u9/view?usp=drive_link
- Participated in the online NEP Orientation & Sensitisation Programme conducted from 17th June 2025 to 26th June 2025, organised by Centre for Professional Development in Higher Education (CPDHE), UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi.
https://drive.google.com/file/d/1Sno83CLqML0ZawYGGZlj99AnEKhwi0e/view?usp=drive_link

FIP/Orientation/Refresher Course

- Completed 4 - week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 21 December 2022-19 January 2023, organized by Teaching Learning Centre , Ramanujam College, University of Delhi, under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
https://drive.google.com/file/d/1GyLZe9rZLelXwhAemx_UHqBeZRbeHZF5/view?usp=sharing

Workshops

- Completed Workshop on "Vacuum Coating, Sputtering and Thin Film Deposition Techniques", Organised by Department of Physics, Deshbandhu College, University of Delhi, on March 22-25, 2021.
- Completed Short Term Course on "Dynamical System: Theory and Applications", Organised by Department of Applied Mathematics, ISM, Dhanbad, on June 26-30, 2016.
https://drive.google.com/file/d/1RJnlhYuslyft0C5UI_k7xZQOQV-SmqQRk/view?usp=drive_link
- Participated in IP Awareness /Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION on January 12 2022, organised by Intellectual Property Office, India.
https://drive.google.com/file/d/1MDtZTo5_fL5StHzRZpWAI8ETd2EW8Gbd/view?usp=drive_link
- Participated in the National Workshop on 'Statistical Methods and Data Analysis Techniques in Astrophysics' Organised by the Department of Physics and Electronics, Hansraj College, University of Delhi, under the aegis of ANRF-DST during 07th - 08th March 2025.
https://drive.google.com/file/d/103AeFaF_Zdk9967bFabExUmaFiqinXH-/view?usp=drive_link

Webinars

- Participated as a member of organising committee in ONE-DAY NATIONAL SEMINAR ON "DR. BHIMRAO AMBEDKAR AND EDUCATION" organized by SC/ST, OBC and EWS Cell of Deshbandhu College, University of Delhi on April 27, 2023
- Participated in webinar on "Reflections of Indian Knowledge System: Heritage, Culture, Society and Science", Organized by Azadi Ka Amrit Mahotsav (AKAMAH) Committee, Deshbandhu College on October 29, 2021.
- Organizing Committee member for the lecture on "Charged Particle Accelerators: an Introduction", Organized by The Physical Science Society (Spectra) and IQAC, Deshbandhu College, in Collaboration with Department of Physics, Deshbandhu College, University of Delhi on 8th Oct. 2021.
- Attended the Webinar Presided by Honorable Prof PC Joshi, Acting Vice Chancellor, University of Delhi and a Virtual Talk on "Prakriti ke Prasnn" delivered by Dr Anil Prakash Joshi, organized by "Department of Botany, Deshbandhu College, University of Delhi(Under the aegis of IQAC and DBT-Star College Scheme) to celebrate World Ozone Day," on 16th September 2021.
- Participated in the webinar on "International Yoga Festival-Yog Mantrana 2021" organized by the "Department of Physical Education and Sports Sciences", Deshbandhu College under the aegis of IQAC on June 21, 2021
- Participated in webinar on "Emerging Trends in Contemporary Physics", Organized by Department of Physics, Deshbandhu College, University of Delhi on 30th and 31st March 2021.
- Participated in webinar on "Introduction to COMSOL Multiphysics", organized by Department of Physics, Deshbandhu College, and University of Delhi on 25th March 2021.
- Organizing member of the Webinar on "Search, Research and Publication Ethics", Organized by DBC Library and IQAC, Deshbandhu College, University of Delhi, 24th July 2020.
https://drive.google.com/file/d/1LCtUeo9Z_KJ5E-t4y8cOFT19zH7z-JLD/view?usp=drive_link
- Organizing member of the Webinar Lecture Series on "International Yoga Festival- Yog Mantrana 2020", organized by the Department of Physical Education and Sport Sciences, Deshbandhu College under the IQAC from 1st to 21st June 2020.

Lecture Series

- Participated in online "International Lecture Series on Recent Advances in Physics" entitled **"Photovoltaic Technologies: History, Status and Opportunities"** organized by **Department of Physics, Deshbandhu College, University of Delhi on 11th April, 2022.**
- Participated in online Lecture entitled **"Quantum entanglement at all distances"** under the "International Lecture Series on Recent Advances in Physics" organized by **Department of Physics, Deshbandhu College, University of Delhi on 15th March 2022.**
- Participated in online Lecture entitled **"Patterned Magnetic Thin Films"** under the "International Lecture Series on Recent Advances in Physics" organized by **Department of Physics, Deshbandhu College, University of Delhi on 12th March 2022.**
- Participated in online Lecture entitled **"Quantum Spin Liquids: Novel Platforms for Emergent Quasiparticles"** under the **"International Lecture Series on Recent Advances in Physics"** organized by **Department of Physics, Deshbandhu College, University of Delhi on 16th February 2022.**
- Participated in online Lecture entitled **"Not yet finished journey of Hall effect"** under the **"International Lecture Series on Recent Advances in Physics"** organized by **Department of Physics, Deshbandhu College, University of Delhi on 15th February 2022**
- Participated in online Motivational Lecture Series on **"Lecture II: What has Science done for our Society"** Organized by **Department of Chemistry, Deshbandhu College, under the aegis of IQAC and DBT Star Collège Scheme, on October 2021.**
- Organizing committee member for the lecture on **"Charged particle accelerators: an introduction"** Organized by **"The Physical Science Society: 'Spectra'" and IQAC, Deshbandhu College, in Collaboration with the Department of Physics, University of Delhi on 8th October 2021.**
- Participated in online Lecture Series on **"Sound of Gravity"** Organized by **The Physical Science Society: "Spectra", Deshbandhu College, University of Delhi on 10 September 2021.**
- Participated in online Lecture Series on, **"Nano Materials -Impact, Challenges and Applications"** organized by **The Physical Science Society: "Spectra", Deshbandhu College, University of Delhi on 11 September 2021.**
- Participated in the Online Lecture organised by the **Indian Association of Physics Teachers, Regional Council (Delhi and Haryana)** on **"Light and Einstein's $E=mc^2$ "** by Prof. Ajoy Ghatak, Meghnad Saha Professor, The National Academy of Sciences, India on 20th June 2020.

Teaching Experience

Dr. Md Chand Asique started his career as a Physics (Assistant Professor) (Ad-hoc-Aug 2019) and (Permanent-Nov 2022) in the Department of Physics, Deshbandhu College, University of Delhi

MEMBERSHIP IN INTERNATIONAL/ NATIONAL PROFESSIONAL/ SCIENTIFIC ORGANIZATIONS

1. Individual Member of "International Astronomical Union" (IAU), Paris, France.

Affiliation(s) within the IAU

Member of [Division A Fundamental Astronomy](#)

Member of [Division B Facilities, Technologies and Data Science](#)

Member of [Division C Education, Outreach and Heritage](#)

Member of [Division F Planetary System and Astrobiology](#)

Member of [Inter-Division A-F Commission Celestial Mechanics and Dynamical Astrophysics](#)

Member of [Commission B1 Computational Astrophysics](#)

Member of [Commission C1 Astronomy Education and Development](#)

2. Life member of "Astronomical Society of India (ASI)", Hyderabad, India, (ID: L2323)

PERSONAL DETAILS

Date of Birth : 10-Sep-1987
Father's name : Md Irfan
Permanents Address : VILL - UJANI [AJAD NAGAR], WARD NO-05,
PO - MANIYAMORE
PS – NAUGACHIA,
DISTRICT – BHAGALPUR, BIHAR-853204
Nationality : Indian
Language known : English, Hindi, Urdu

DECLARATION

I hereby declare that the above furnished information made in this curriculum-vitae are true and correct to the best of my knowledge.

Date: 04/11/2025

Place: Delhi



Md Chand Asique

SCOPUS AUTHOR IDENTIFIER DETAILS

Scopus author ID : 56604234500

Web of Science Researcher ID : ACK-1755-2022

ORCID : <https://orcid.org/0000-0003-0234-6753>

Subject area : Earth and Planetary Sciences, Physics and Astronomy, Celestial Mechanics

	Scopus	Google Scholar	Web of Sciences	Research Gate
Citations	290	358	310	431
h-index	10	11	10	11

Publons Page (Web Of Sciences) : <https://publons.com/researcher/3237722>

Scopus page (Scopus indexed) : <https://www.scopus.com/authid/detail.uri?authorId=56604234500>

Research-gate (Thomson Reuters) : <https://www.researchgate.net/profile/Md-Chand-Asique>

Google Scholar : <https://scholar.google.com/citations?user=axN8PZMAAAAJ&hl=en>

The above details are as per the website record on the date: 04-11-2025