


CURRICULAM-VITAE

| Title | Dr | First Name | Awadhesh | Middle Name | Kumar | Last Name | Poddar | Photograph |
|----------------|--|------------|----------|-------------|-------|-----------|--------|---|
| Father's Name | Late Shri Rajendra Poddar | | | | | | |  |
| Date of Birth | 5 th January, 1971 | | | | | | | |
| Designation | Assistant Professor | | | | | | | |
| Address | 1/4, Second Floor, North Face, Indra Vikas Colony, Delhi-110009 | | | | | | | |
| Mobile no. | 9350117187 8700854890 | | | | | | | |
| Marital Status | Married | | | | | | | |
| Nationality | Indian | | | | | | | |
| Email | poddargee@yahoo.co.in | | | | | | | |

Educational Qualifications:

| Examination Passed | Board/University | Class/Awarded | Year of passing | % of Marks | Subject |
|--------------------|----------------------------|-----------------|-----------------|------------|-------------|
| B.Sc.(H) | Magadh University | 1 st | 1991 | 63.5 | Mathematics |
| M.Sc. | Magadh University | 1 st | 1994 | 71.75 | Mathematics |
| Ph.D. | Jamia Millia Islamia Delhi | Awarded | 2003 | | Mathematics |

Teaching Experience (16 years):

| Name of the University/College | Post Held | Ad-hoc/regular/Temp./Pmt | Duration of Service | Scale of Pay(in Rs.) | Class taught |
|--------------------------------|---------------------|--------------------------|--------------------------|----------------------|-----------------------------|
| Maharaja Agarsen College.D.U | Assistant Professor | Adhoc | 22/07/2015 to till date | 57,000 - 1,82,400 | B.Sc.(mathematical science) |
| Daulat Ram College | Assistant Professor | Adhoc | 20/07/2015 to 21/07/2015 | 15600-39100+6000/- | B.Sc(H) |

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|--------------------------------------|---------------------|-----------|------------------------|---------------------------|-----------------|
| D.U. | | | | | |
| GPM College of Engg delhi | Associate professor | Regular | 01-08-2012to19-11-2014 | As per UGC norm | B.Tech. |
| GPM college of Engg Delhi | Sr.Lecturer | Regular | 01-08-2011to31-07-2012 | 10000-325-15200 | B.Tech. |
| GPM College of Engg.Delhi | Lecturer | Regular | 01/08/2006to31-07-2011 | 8000-275-13500. | B.Tech. |
| GPM College of Engg.Delhi | Lecturer | Temporary | 29/08/2005to31/07/2006 | 16,000. (Consolidated) | B.Tech. |
| R.L.A.Colleg,Univ. of Delhi | Lecturer | Ad-hoc | 06/09/2004to05/01/2005 | 8000-275-13500. | B.A.(Pass) |
| Shri Aurobindo College,Univ.of Delhi | Lecturer | Guest | 10/09/2003to20/03/2004 | As per UGC | B.Sc. (Gen.) |
| Shri Aurobindo College,Univ.of Delhi | Lecturer | Guest | 26/11/2002to05/03/2003 | As per UGC | B.Sc. (Gen.) |

Title of Ph.D

Existence of periodic orbits in the restricted problem when the primaries are triaxial rigid bodies and source of radiation pressure.

Areas of Interest/Specialization

Space Dynamics, Celestial Mechanics, Restricted Three Body Problem, Restricted Four Body Problem

Research Guidance

- Mamta Jain, Shri Venkateshwara University, Gajraula, U.P., India. Title: Restricted Three Body Problem with Dissipative Forces. (Awarded, 2016)

List of publications in Journals:

1. Existence of periodic orbits in the “Restricted problem” when the smaller primary is a triaxial rigid body. Indian J. pure appl.math.33 (7) : 977-991 July (2002)

2. Existence of periodic orbits in the “Restricted problem” of three bodies when the more massive body is a source of radiation and the smaller primary is a triaxial rigid body. Indian J. pure appl. Math.33 (10) : 1575-1594 Oct. (2002).

3. Solution of indefinite non integrable function .Acta Ciencia Indica Vol. 34M, No.3 1059-1065 (2008).
India.

4. Existence of periodic orbits (first kind) in the “Restricted problem” of three bodies when the

smaller primary is a triaxial rigid body and the bigger primary an oblate spheroid. Gpm Journal of Technology

and Management vol.2, no.1, P 61-66, Dec.2009

5. Periodic orbits in the restricted problem of three bodies in three dimensional co- ordinate system when the smaller primary is a triaxial rigid body.

Applied Mathematics and Nonlinear Sciences vol.6 no.1,P 429–438,2021

6. Periodic orbits of third kind in the restricted problem of three bodies in a three- dimensional coordinate system when the smaller primary is a triaxial rigid body (Communicated).

National Conferences

- Participated and presented a paper entitled “ Existence of periodic orbits (first kind) in the “Restricted problem” of three bodies when the smaller primary is a triaxial rigid body and the bigger primary an oblate spheroid” in the national conference on advance in Applied Mathematics and statistics organized by Department of Mathematics,Mata Sundari College for women on 7-8 September 2017.
- Participated in "Recent Development in Engineering and Technology in Applied Sciences" held at Guru Premsukh Memorial College of Engineering on 24-25th November 2011, in the field of Applied Science /Engineering and Technology.

International Conferences

- Participated and presented a paper entitled “Existence of periodic orbits in the “Restricted problem” of three bodies when the more massive body is a source of radiation and the smaller primary is a triaxial rigid body ” on intenational conference on Current Trends in theoretical and computational differential equation with applicaions held at Department of Mathematics, South Asian University, New Delhi on 01-05 December,2017.
- Participated and presented a paper entitled “Existence of Periodic Orbits Triaxial Rigid Body" in the Five-Day International Conference on Recent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets (ICRTMA-GPN-2020) hosted at School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India, held online during July 20-24, 2020.

Workshops,Seminars and FDP

- Completed One Month National Faculty Induction Program organized by Guru Angad Dev Teaching Learning Centre, S.GTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MoE. Government of India, Ministry of Education on 3 December to 30 December,2020.
- completed One Week National Faculty Development Program organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on 11-17 October,2020.
- Completed One Week Faculty Development Program jointly organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD and Maharaja Agrasen College el earning Team and Maharaja Agrasen College-IQAC on 23 October- 01 November,2020.

- Participated in the National Webinar- I "Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal" held on 11th July 2020.
- Participation in Webinar on Enhancing 'Research Interest' of Research Publications organized by Internal Quality Assurance Cell (IQAC), Maharaja Agrasen College, held on 3 June 2020.
- Completed 10- day Faculty Development Program titled 'MAC eLearning Portal and Content Creation' held at Maharaja Agrasen College University of Delhi, Vasundhara Enclave, Delhi on 24 April,2019.
- Attended the M³ Mathematical Modeling Mathematica Workshop organized by Non-linear Dynamics Research lab, USBAS, Guru Gobind Singh Indraprastha University, Delhi, India held on Thursday, March 20, 2014.
- Participated in the workshop cum Training Programme, during the Period 17th-19th March 2010 held at Deshbandhu College (University of Delhi).
- Participated in the workshop and FDP, held at GURU PREMSUKH MEMORIAL COLLEGE OF ENGINEERING on DEC 9, 2011.

Language Known: English, Hindi, Sanskrit, Pali (Certificate course from Univ. of Delhi in 2000).

Misc.

1. Thesis Submitted on 11th of Nov 2002.Exempted from National Eligible Test (**NET**).as per provision of UGC Regulation2016.

2. Selected for the post of lecturer through Bihar College Service Commission Patna in the year 1999.

Date:

(Dr. Awadhesh Kumar Poddar)