Curriculum Vitae

- **Name** : Dr. Ananta Charan Pradhan

  Present Position : Associate Professor

  Present Address : Department of Physics and Astronomy

  National Institute of Technology, Rourkela, Odisha - 769008

  Permanent Address : Nirmalyanagar, Kalarahanga, Po: Infocity, Patia, Bhubaneswar - 751024

- **Phone** : Landline (office): +91 661 2462735, Mobile: +91 7894252258

  Emails : pradhana@nitrkl.ac.in & acp.phy@gmail.com

- **Education**

	Degree	Year	Subject	University/Institution	Division
1	**10th**	**1997**	–	**BSE, Odisha**	**1st**
2	**+2**	**1999**	**PCMB**	**CHSE, Odisha**	**1st**
3	**BSc.**	**2003**	**Physics**	**OUAT, Bhubaneswar**	**1st**
4	**MSc.**	**2005**	**Physics**	**Utkal University, Bhubaneswar**	**1st**
5	**PhD**	**2012**	**Astronomy and Astrophysics**	**Indian Institute of Astrophysics, Bangalore**	

- **Work Experience**

  – PhD from **Indian Institute of Astrophysics**, Bangalore - 560034 (August 2005 - November 2011)

  Title of the thesis : "Gas and Dust in the Magellanic Clouds", under the supervision of Professor Jayant Murthy.

  – Post Doctoral Fellow from TIFR Mumbai during December 2011 - November 2012

- Post Doctoral Visiting Scientist in TIFR Mumbai during December 2012 - June 2014
- Assistant professor in NIT Rourkela during June 2014 - March 2023
- Associate professor in NIT Rourkela since March 2023...continuing

• Research Interest

Ultraviolet (UV) bright stars in globular clusters. Study of stars, galaxies, planetary nebulae and diffuse background emission in UV. Interstellar medium. UV star counts. Study of IGM/CGM using high resolution spectra of quasars. Blazars. Plasma opacity.

• Research Grants Received

1. "Study of Distribution and Properties of Interstellar Dust in the Magellanic Clouds", DST Fast Track, completed.
2. "Study of Structure of Our Galaxy Using Ultraviolet Star Counts of GALEX and UVIT-ASTROSAT Surveys", ISRO Respond, Completed.
3. A comprehensive catalog and multiwavelength analysis of UVIT sources: Statistical properties and science applications: UV bright stars, Galactic globular clusters and galaxies, ISRO. Ongoing....

• Books/Reports/Chapters/General articles etc.

"Far-ultraviolet characteristics of the interstellar medium of the Magellanic Clouds" by Amit Pathak, Ananta C. Pradhan, and Jayant murthy, Chapter in the book Interstellar Medium: New Research, EDs: B. M. Cancellier & G. Mamedov, Nova Science Publishers, New York, 2012, pp.57-76 (ISBN:978-1-61470-807-0)

• Academic Honours/Awards

- Qualified JEST with all India rank 22 in 2005
- Qualified GATE in 2005
- Qualified TIFR written examination in 2005

- Article on "Far Ultraviolet observations of diffuse emission from the Large Magellanic Cloud" is featured in 'Research Highlights' of Nature India doi:10.1038/nindia.2010.96; Published online 21st July, 2010.
- Best Poster Presentation Award for the work, "Far Ultraviolet observations of diffuse emission from the Large Magellanic Cloud" in National Space Science Symposium 2010, Saurashtra University, Rajkot, India.

- **Membership of Societies or Associateship:**
  - Member of International Astronomical Union (IAU)
  - Life time member of Physical Society of Odisha (OPS)
  - Life time membership of Astronomical society of India (ASI)
  - Visiting Associate of Inter University Center for Astronomy and Astrophysics (IUCAA), Pune
  - Member of Indian Association of Physics Teachers (IAPT)

• PhD Students

1. **Abhisek Mohapatra (INSPIRE Fellowship):** Completed PhD in 2021.
   Thesis title: "Probing the circumgalactic medium with quasar absorption lines".
2. **Divya Pandey (Institute Fellowship):** Completed PhD in 2023.
   Thesis title: "Probing the star-formation activities of galaxies residing in void and filaments using AstroSat observations".
3. **Ranjan Kumar (CSIR Fellow):** Completed PhD in 2023.
   Thesis title : "UV bright stars in globular clusters using UVIT observations".
4. **Jyotishree Hota (Institute Fellowship):** Submitted thesis in 2024.
   Thesis title: "Broadband spectral study of blazars".
5. **Sonika Piridi (ISRO Project):** Working on "structure and evolution of our galaxy using ultraviolet star counts of GALEX and UVIT data".

6. **Bibhu Prasad Mishra (Institute Fellowship):** Working on "ISRO UVIT observations".
7. **Anisha Hazra (Institute Fellowship):** Working on UVIT observations.

- **Masters Research Project Students:**

Now most of them are pursuing PhD. in reputed foreign universities and a few of them are in reputed institutes in India.

1. Swayamtrupta Panda (411PH5028), "GALEX observations of planetary nebulae".
2. Jayashree Behera (411PH5022), "Study of diffuse UV emission in the Magellanic Clouds".
3. Depanshu Vashney (415PH2114), "Distribution of UV radiation field in Magellanic Couds".
4. Geeth Chandra Ongole (412PH5067), "Kinematics of white dwarf stars".
5. Prashant Kushwaha (415PH2103), "Study of superbubbles".
6. Raveena Khan (416PH2107), "Study of OVI absorption in superbubbles of Large Magellanic Clouds".
7. Sumanta Kumar Sahoo (413PH5028), "Star formation in the Milkyway and in extreme extragalactic conditions".
8. Vatsana Tiwari (416PH2120), "Study of intergalactic medium metals using Quasar absorption lines".
9. Aditya Narendra (414PH5103), "Modelling of background UV emission in Magellanic Clouds".
10. Ayush Moharana (414PH5026), "Ultraviolet studies of Galactic Globular Clusters using Observations from Ultraviolet Imaging Telescope (UVIT/AstroSat)".
11. Prathamesh Dash (414PH5023), "A study of supernova light-curves with MESA and SNEC".
12. Javed Akhtar (415PH5068), "Study of Globular Cluster NGC 4590 using UVIT/AstroSat and GAIA observations".

13. Ramlal U (415PH5037), “Multi-wavelength analysis of planetary nebulae”, 2020-21
14. Nitish Kumar Rajbhar (420PH2162), “Ultraviolet Observation of Planetary Nebulae using Ultra-Violet Imaging Telescope”, 2021-22
15. Surath Chandra Ghosh (421PH2119), “UV PROPERTIES OF GLOBULAR CLUSTER USING UVIT OBSERVATION”, 2022-23
16. Tanuj Datta (421PH2116), “UV-Bright Stars in Globular Clusters and their Contribution to Globular Cluster Luminosity”, 2022-23
17. DEBASILPEE SAHOO (419PH5034), “UVIT Observations of Nearby Galaxies”, 2023-24
18. SUBHAM SRIMANI (422PH2087), “Ultraviolet Study of Open Clusters Using AstroSat/UVIT Observation”, 2023-24
19. MANISH SANTOSH KESARKAR (422PH2149), “Classification and Study of Evolved UV sources in the Magellanic Clouds using UVIT”, 2023-24
20. SOURAV SAHOO (419PH5015), “Study of Globular Clusters in M31 using UVIT/Astrosat Observation”, 2023-24

- **Teaching Experience**

1. Numerical Methods and Error Analysis (PhD. course work)
2. Classical Mechanics (MSc.)
3. Introduction to Astrophysics (MSc.)
4. Electricity & Magnetism (Int. MSc.)
5. Astronomy laboratory (MSc.)
6. Computational Physics (MSc.)
7. Modern Physics (Btech.)
8. General Physics Laboratory (MSc.)
9. Classical Electrodynamics (MSc.)
10. Electrodynamics and quantum mechanics (Btech)

- **Workshop organized**
  - Convener of IUCAA Sponsored workshop on **"Astronomy and Astrophysics"** held during 09 Mar 2018 - 10 Mar 2018 in the department of Physics and Astronomy, NIT Rourkela.
  - **"Multidisciplinary Approach to Understand the Mysteries of our Universe"** held during 17 July 2023 - 21 July 2023 in the department of physics and Astronomy, NIT Rourkela.

- **Publication**

1. "A Comprehensive Catalog of UVIT Observations I: Catalog Description and First Release of Source Catalog (UVIT DR1)", Sonika Piridi, Ranjan Kumar, Divya Pandey, and Ananta C. Pradhan, Astrophysical Journal Supplement Series (ApJS), 2024, DOI:10.3847/1538- 4365/ad85de (**IF 8.6**)
2. "Multi-wavelength study of extreme high-frequency BL Lacs (EHBLs) 1ES 0229+200 using gamma-ray, X-ray and ultra-violet observations", Jyotishree Hota, Rukaiya Khatoon, Ranjeev Misra, and Ananta C. Pradhan, , Astrophysical Journal (ApJ), 2024, DOI: 10.3847/1538-4357/ad8085 (**IF 5.521**)
3. "Exploring filament galaxies using AstroSat/ UVIT", Divya Pandey, Kanak Saha, Ananta C. Pradhan, 2024, Astrophysical Journal (ApJ), 947, 117, DOI:10.3847/1538-4357/ad6a61 (**IF 5.521**)
4. "Discovery of a hot post-AGB star in Galactic globular cluster E3", Ranjan Kumar, Ayush Moharana, Sonika Piridi, **Ananta C. Pradhan**, et al., 2024, Astronomy and Astrophysics letters, 685, 6 (**IF 6.5**)
5. "Recovering the origin of star formation in the central region of I Zw 81", Divya Pandey, Kanak Saha, **Ananta C. Pradhan**, volume 373, pp. 210-212: "Resolving the Rise and Fall of Star Formation in Galaxies", DOI: 10.1017/S1743921322004161, XXXIst IAU General Assembly, 2023
6. "Globular Cluster UVIT Legacy Survey (GlobULeS) - II. Evolutionary status of hot stars in M3 and M13", Ranjan Kumar, **Ananta C. Pradhan**,

Snehalata Sahu, Annapurni Subramaniam, Sonika Piridi, Santi Cassisi, Devendra K. Ojha, 2023, Monthly Notices of the Royal Astronomical Society, 522, 847 (**IF 5.287**)

7. "Central star formation in an early-type galaxy I Zw 81 in the Bootes void", Divya Pandey, Kanak Saha, **Ananta C. Pradhan**, and Sugata Kaviraj, 2022, Astrophysical Journal, 941, 128 (**IF 5.521**)
8. "Study of UV bright sources in globular cluster NGC 4590 using Ultraviolet Imaging Telescope (UVIT) observations", Ranjan Kumar, **Ananta C. Pradhan**, M. Parthasarathy, Sonika Piridi, Santi Cassisi, D. K. Ojha, Abhisek Mohapatra, and J. Murthy, 2022, Monthly Notices of the Royal Astronomical Society, 511, 5070 (**IF 5.287**).
9. "Correlations between X-ray spectral parameters of Mkn 421 using long-term Swift–XRT data", Rukaiya Khatoon, Jyotishree Hota, Zahir Shah, Ranjeev Misra, **Ananta C. Pradhan**, 2022, Monthly Notices of the Royal Astronomical Society, 515, 3749 (**IF 5.287**).
10. "Understanding the X-ray spectral curvature of Mkn 421 using broadband AstroSat observations", Jyotishree Hota, Zahir Shah, Rukaiya Khatoon, Ranjeev Misra, **Ananta C. Pradhan** and Rupjyoti Gogoi, 2021, Monthly Notices of the Royal Astronomical Society, 508, 5921 (**IF 5.287**).
11. "The Ultraviolet Deep Imaging Survey of Galaxies in the Bootes Void I: catalog, color-magnitude relations and star-formation", Divya Pandey, Kanak Saha, and **Ananta C. Pradhan**, 2021, Astrophysica Journal, 919, 101 (**IF 5.521**).
12. "Ultraviolet Imaging Telescope (UVIT) observation of Galactic Globular Cluster NGC 7492", Ranjan Kumar, **Ananta C. Pradhan**, Abhisek Mohapatra, A. Moharana, M. Parthasarathy, D. K. Ojha, and J. Murthy, 2021, Monthly Notices of the Royal Astronomical Society, 502, 313 (**IF 5.287**).
13. "Study of Galactic Structure Using UVIT/AstroSat Star Counts", Ranjan Kumar, **Ananta C. Pradhan**, D. K. Ojha, Sonika Piridi, Tapas Baug, S. K. Ghosh, 2021, Journal of Astrophysics and Astronomy, 42, 42 (**IF 1.27**).

14. "UVIT study of UV bright stars in the globular cluster NGC 4147", Ranjan Kumar, **Ananta C. Pradhan**, M. Parthasarathy, D. K. Ojha, Abhisek Mohapatra, J. Murthy, and S. Cassisi, 2021, Journal of Astrophysics and Astronomy, 42, 36 (**IF 1.27**).

15. "The Sharpest Ultraviolet view of the star formation in an extreme environment of the nearest Jellyfish Galaxy IC 3418", Ananda Hota, D. Ashish, **Ananta C. Pradhan**, et al., 2021, Journal of Astrophysics and Astronomy, 42, 86 (**IF 1.27**).

16. "Physical conditions and redshift evolution of optically thin C III absorbers: low-z sample", A. Mohapatra, R. Srianand, and **Ananta C. Pradhan**, 2020, Monthly Notices of the Royal Astronomical Society, 501, 5424 (**IF 5.287**).

17. "Ultraviolet Imaging Telescope (UVIT) observation of Galactic Globular Cluster NGC 7492", Ranjan Kumar, **Ananta C. Pradhan**, Abhisek Mohapatra, A. Moharana, M. Parthasarathy, D. K. Ojha, and J. Murthy, 2021, MNRAS, 502, 313 (**IF 5.287**).

18. "Physical conditions and redshift evolution of optically thin C III absorbers: low-z sample", A. Mohapatra, R. Srianand, and **Ananta C. Pradhan**, 2020, MNRAS, issue 4, volume 501, pages 5424-5442 (**IF 5.287**).

19. *"A catalogue of 108 extended planetary nebulae observed by GALEX"*, **Ananta C. Pradhan**, Swayamtrupta Panda, M. Parthasarathy, Jayant Murthy & D. K. Ojha, 2019, ApSS, volume 364, iss 181 (**IF 1.909**).

20. "Physical conditions in high-z optically thin C III absorbers: origin of cloud sizes and associated correlations", A. Mohapatra, R. Srianand, V. Khaire, and Ananta C. Pradhan, 2019, MNRAS, 484, 5028 (**IF 5.287**).

21. "Study of atomic spectroscopy and hyperfine structure of francium (Fr) isotopes using relativistic fockspace multireference coupled cluster method", M. Das and Ananta C. Pradhan, Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, vol.52, 15.

22. *"Spectroscopy of Na I and K I atoms embedded in weakly coupled plasma environment*, M. Das, & **Ananta C. Pradhan**, 2017, **Physics of Plasma**, 24, 112706 (**IF 2.357**).

23. *"A Stellar Population Synthesis Model for the Study of Ultraviolet Star Counts of the Galaxy"*, **Ananta C. Pradhan**, D. K. Ojha, A. C. Robin, S. K. Ghosh, and John J. Vickers, 2014 **A&A**, 565, 33 (**IF 6.24**).

24. *"O VI Absorption in the Milky Way along Large Magellanic Cloud Lines of Sight"*, Rathin Sarma, Amit Pathak, **Ananta C. Pradhan**, Jayant Murthy, and Jayant K. Sarma, 2014 **Advances in Space Research**, 53, 96 (**IF 2.611**).

25. *"Far Ultraviolet Diffuse Emission from the Small Magellanic Cloud"*, **Ananta C. Pradhan**, Jayant Murthy and Amit Pathak, 2011, **ApJ**, 743, 80 (**IF 5.521**).

26. *"Survey of O VI Absorption in the Large Magellanic Cloud"*, Amit Pathak, **Ananta C. Pradhan**, Sujatha N.V. and Jayant Murthy, 2011, **MNRAS**, 412, 1105 (**IF 5.287**).

27. *"Far Ultraviolet Diffuse Emission from the Large Magellanic Cloud"*, **Ananta C. Pradhan**, Amit Pathak and Jayant Murthy, 2010, **ApJ Letters**, vol.718, 141 (**IF 8.811**).

28. "X-ray Spectral study of MKN 421 using Astrosat observation", Rukaiya Khatoon, Ranjeev Misra, Zahir Ahmad Shah, Jyotishree Hota, Rupjyoti Gogoi, Ananta C. Pradhan, 44th COSPAR Scientific Assembly. Held 16-24 July, 2022. Online at https://www.cosparathens2022.org/. Abstract E1.5-0032-22.

29. "Correlations between X-ray spectral parameters of Mkn 421 using long-term Swift-XRT data", Jyotishree Hota, Zahir Ahmad Shah, Rukaiya Khatoon, Ranjeev Misra, Ananta C. Pradhan, Rupjyoti Gogoi, 44th COSPAR Scientific Assembly. Held 16-24 July, 2022. Online at https://www.cosparathens2022.org/. Abstract E1.2-0053-22.

30. "Role of bar in the secular evolution of I Zw 81", Divya Pandey, Kanak Saha, Ananta C. Pradhan, 44th COSPAR Scientific Assembly. Held 16-24 July, 2022. Online at https://www.cosparathens2022.org/. Abstract E1.5-0045-22.

31. "CGM and their connection with the galaxies", Abhisek Mohapatra, R. Srianand, and Ananta C. Pradhan, ESO-GALSPEC2021, Conference Proceedings, published online, 2021, DOI:10.5281/zenodo.4721534,

32. "Cool CGM gas traced by C III absorbers", Abhisek Mohapatra, R. Srianand, and Ananta C. Pradhan, COSPAR, Conference Proceedings, 43rd COSPAR Scientific Assembly. Held 28 January - 4 February, 2021. Abstract E1.3-0029-21 (poster), id.1542, volume 43, page 1542, 2021

33. "UVIT observations of UV-bright stars in four galactic globular clusters", R. Kumar, **Ananta C. Pradhan**, M. Parthasarathy, D. Ojha, A. Mohapatra, and J. Murthy, **Proceedings IAU Symposium:**, Star Clusters: From the Milky Way to the Early Universe, vol.14, pp.464-467, Cambridge University Press, symposium 351, 2020

34. "Study of integrated UV light from the Galactic globular clusters (GCs) using UVIT/Astrosat observation", Ananta, C. Pradhan, Ranjan Kumar, Sonika Piridi, Surath Chandra Ghosh, Divya Pandey, 42nd meeting of the Astronomical Society of India (ASI), held 31 January-04 February 2024, https://www.astron-soc.in/asi2024, id.P196

35. "A comprehensive catalog of UVIT observations", Sonika Piridi, Ranjan Kumar, Divya Pandey, Ananta, C. Pradhan, 42nd meeting of the Astronomical Society of India (ASI), held 31 January-04 February 2024, https://www.astron-soc.in/asi2024, id.O46

36. *"Observations of O VI Absorption from the Superbubbles of the Large Magellanic Cloud"*, **Ananta C. Pradhan**, Amit Pathak, Jayant Murthy, and D. K. Ojha, **IAU Symposium:** Supernova environmental impacts, vol. 296, 388p, 2014, edited by Alak Ray & Dick McCray.

37. *"Gas and Dust in the Magellanic Clouds"*, **Ananta C. Pradhan**, Proceedings of the 30th Meeting of the Astronomical Society of India, vol.9, 23p, 2013. **ASI Conference Series**, Edited by Puspa Khare.

38. *"Observations of Far Ultraviolet Diffuse Emission from the Small Magellanic Cloud"*, **Ananta C. Pradhan**, Amit Pathak, Jayant Murthy, Proceedings of the 29th Meeting of the Astronomical Society of India, Vol. 3, p. 144, 2011 **ASI Conference Series**, Edited by Puspa Khare & C.H. Ishwara-Chandra.

- **Talks Presented in Workshops/Conferences/Symposiums**

1. "The influence of environment in star forming galaxies with UVIT/ASTROSAT", on the meeting on " National Space Day: Touching the lives while touching the moon: India's Space Saga", held during 22-23 July, 2024, Organized by Satish Dhavan Space Centre SHAR and IIT Bhubaneswar
2. "Study of integrated UV light from the Galactic globular clusters (GCs) using UVIT/Astrosat observation" in '42nd ASI meeting of the Astronomical society of India', held during 31 Jan to 04 Feb 2024, hoisted jointly by Indian Institute of Science (IISc), Indian Space Research Organisation (ISRO) and Jawaharlal Nehru Planetarium (JNP)
3. Invited talk on "Aditya-L1: India's first space mission to explore our nearest star" in Sushilavati Government Women's College, Rourkela, October 2023.
4. Invited talk on "Aditya-L1: India's first space mission to see the Sun" in Institute of Engineers, Rourkela, September 2023 on the occasion of Technical Paper Meeting.
5. Invited talk on "Central star formation in an early-type galaxy I Zw 81 in the Bootes Void", in the conference 'Celebrating seven years of Astrosat', during 28-29 September 2022, held at ISRO head quarters.
6. Talk on "A massive star-forming LSB galaxy in the Bootes Void" in '40th ASI meeting of the Astronomical society of India', held during 25-29 March,2022, hoisted jointly by IIT Roorkee and ARIES Nainital

7. Talk on "UVIT observation of UV bright stars in GGCs NGC 7492 and NGC 4147", in GC-II Science Meeting – to celebrate Prof. Jayant Murthy's 60th birthday, in IIA Bengaluru, held on 26th August, 2021
8. Invited talk on "Stellar Evolution: Birth, Life, and Death of Stars" in Webinar on Astrophysics Organized by Department of Physics, College of Basic Science and Humanities, Odisha University of Agriculture and Technology, Bhubaneswar on 30the July, 2021
9. Talk on "Study of Galactic Structure Using UVIT/AstroSat Star Counts", in the conference 'UVIT: 5 years of operation', Indian Institute of Astrophysics, Bangalore, held during 1-3 December, 2020
10. Talk on "A catalogue of 108 extended planetary nebulae observed by GALEX", in 38th meeting of Astronomical Society of India (ASI), held in IISER Tirupathi, during 13-17 Feb, 2020
11. Talk on "Stellar Evolution: Birth, Life and Death of stars", Workshop on Astronomy and Astrophysics, NIT Rourkela, held during 9-10 March, 2018
12. Talk on "GALEX Observations of Planetary Nebulae",in 35th ASI Meeting, Jaipur, held during 6-10 March, 2017
13. Poster presentation on "GALEX Observations of Planetary Nebulae",in 33rd ASI Meeting, held at NCRA Pune, during 17-20 February, 2015
14. "Identification of point sources using IR color cut method", workshop on Current trends in Near Infrared Astronomy in India, TIFR Balloon Facility, Hyderabad, held during November 25-27, 2014
15. "Observations of O VI Absorption from the Superbubbles of the Large Magellanic Cloud", IAU Symposium: Supernova environmental impacts, Raichur, Kolkata, 2013
16. "Gas and Dust in the Magellanic Clouds", ASI meeting, Trivandrum, India, 2013
17. "A Stellar Population Synthesis Model for the Study of Ultraviolet Star Counts of the Galaxy", TIFR, 2012

18. "Study of dust and gas in the Magellanic Clouds", Physical Research Laboratory, Ahemadabad
19. "Far Ultraviolet Diffuse Emission from the Magellanic Cloud", International Conference on Interstellar Dust, Molecules and Chemistry, IUCAA, Pune, India, 2011
20. "Far Ultraviolet Diffuse Emission from the Small Magellanic Cloud", ASI meeting, Raipur, India, 2011
21. "Far Ultraviolet Diffuse Emission from the Large Magellanic Cloud", Wittfest: Origins & Evolution of Dust, University of Toledo, Toledo, Ohio, USA, October 2010
22. "Far Ultraviolet Diffuse Emission from the Large Magellanic Cloud", NSSS, Saurashtra University, Rajkot, Gujarat, India, 2010
23. "Extinction Mapping through Broad Band Photometry", Dust Workshop, Vainu Bappu Observatory, IIA, India, 2009
24. "Study of OVI Absorption Using FUSE Data", 9th Cospar Capacity Building Workshop, Kualalumpur, Malaysia, 2008
25. "Formation of Interstellar Dust", Astrosat meeting, Christ University, Bangalore, India, 2007

- **Institute Responsibilities**

1. Nodal Officer/Coordinator, Space Technology Incubation Center (STIC)-ISRO, NIT Rourkela Centre, (August 2024 ... Continuing)
2. Professor-In-Charge Institute Safety and Security (SS), (August 2024 ... Continuing)
3. PIC and member of many other departmental committees
4. Chairman, Departmental Purchase Committee, (July 2022 - June 2024)
5. Chairman, Hall disciplinary Committee (August 2022 - June 2024)
6. Convener, Institute anti-ragging Committee (August 2022 - June 2024)

7. Coordinating Warden Maintenance (July 2022 - June 2024)
8. PIC, Institute Extra Academic Activity (EAA) (July 2020 - June 2022)
9. Member of Institute on Campus Business Committee (July 2020- April 2021)
10. Member of Institute Anti ragging committee, November 2016 -June 2019
11. Warden GD Birla Hall of Residence, July 2016 - June 2018

- **Media Outreach**
  - **14 July, 2023:** Bite on OTV on lauching of Chandrayan 3
  - **23 August, 2023:** Bite on OTV on soft-landing of Chandrayan 3
  - **23 August, 2023:** Joined Panel discussion in OTV (9 PM) on Chandrayan 3
  - **23 August, 2023:** Addressed all the school children of Sundargarh district on Chandrayan III mission.
  - **28 August, 2023:** On detection of chemical elements and moon surface temperature profile on OTV (relating to Chandrayan 3)
  - **28 August, 2023:** On launching of Aditya L1 mission on OTV (Launching date announced)
  - **30 August, 2023:** On detection of chemical elements and on News 18 Odia channel (relating to Chandrayan 3)
  - **02 September, 2023:** Panel discussion on Aditya L1 mission on OTV.
  - **02 September, 2023:** Panel discussion on Aditya L1 mission on Kalinga TV.
  - **02 September, 2023:** Panel discussion on Aditya L1 mission on News 18 Odia channel.
  - **02 September, 2023:** Bite on News 18 Odia channel regarding use of mobile phone during lightening.
  - **03 September, 2023:** On Pragyan rover put into sleep mode on News 18 Odia channel.

- **22 September, 2023:** Sun rise on moon. Will Pragyan rover wake up ? on News 18 Odia channel.
- **24 September, 2023:** On Pragyan rover not reponding to wake up call on News 18 Odia channel.
- **01 October, 2023:** Aditya L1 travelled Beyond a Distance Of 9.2 Lakh KM on News 18 Odia channel.

- **Extra Academic Activitities**

1. Decent cricket and badminton player
2. A movie and cricket buff
3. Having good leadership quality and organizational skill. I was elected as president of student union in College of Basic Science and Humanities, OUAT, Bhubaneswar while pursuing my graduation in 2003.