




## Faculty Details proforma for DU Web-site

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cc: [director@ducc.du.ac.in](mailto:director@ducc.du.ac.in))**

Title	Associate Professor	First Name	Punyatoya	Last Name	Patra	Photograph
Designation		<b>Associate Professor of Geography, Aditi Mahavidyalaya</b>				
Address		<b>401, Bagwan Apartment, Sector-28, Rohini, Delhi-110042</b>				
Phone No	Office	<b>011-27752741</b>				
		<b>8750032795</b>				
Residence Mobile		<b>9811715772</b>				
Email Web-Page		<b>punyatoyapatra@gmail.com</b>				
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph.D.		<b>Department of Geography, University of Delhi</b>			<b>2004</b>	
M.Phil.		<b>Department of Geography, University of Delhi</b>			<b>1994</b>	
M.A.		<b>Department of Applied Geography, Ravenshaw College, Utkal University</b>			<b>1989</b>	
B.A. (Hons.)		<b>Department of Applied Geography, Ravenshaw College, Utkal University</b>			<b>1987</b>	
P. G. Diploma in Remote Sensing & G.I.S.		<b>Indian Institute of Remote Sensing, Derhadun</b>			<b>1997</b>	
<b>Career Profile</b>						
<b>Lecturer- Aditi Mahavidyalaya, University of Delhi; 1998-2003</b> <b>Senior Lecturer, Aditi Mahavidyalaya, University of Delhi; 2003-2007</b> <b>Reader, Aditi Mahavidyalaya, University of Delhi; 2007-2010</b> <b>Associate Professor, Aditi Mahavidyalaya, University of Delhi; 2010 – Till date</b>						
<b>Administrative Assignments</b>						
<p>Served as <b>Governing Body Member, Aditi Mahavidyalaya, 2009-10;</b> as <b>Teacher-in-Charge of the Department of Geography of the College during 1999-2006, 2007-10, 2011-12, 2013-14, 2015-16;</b> In charge of <b>Computer Lab during 2009-11;</b> <b>Convenor, Examination Committee from March 2000 to July 2002;</b> <b>Convenor, Library Committee during 1998-2000 and 2005-06;</b> <b>Convenor, Notice Board Committee during 2007-09;</b> <b>Covenor Prospectus Committee during 2009-11;</b> <b>Convenor, Provident Fund Committee during 2009-10;</b> <b>Convenor, Environmental Committee during 2012-14;</b> <b>Convenor, Garden Committee during 2013-15;</b> <b>Convenor of a paper- “ Integrating Mind, Body and Heart” which was taught in the year 2013-14 in FYUP Programme;</b> <b>Convenor, Canteen Committee during 2014-16;</b> <b>Co-Convenor, Students’ Union Advisory Committee during 2015-16;</b> <b>Convenor, B.A. Programme Committee during the current academic year;</b> <b>Served as General Secretary of Association for Geographical Studies (AGS) during 2007-09 and also served as Excutive Member of the same</b></p>						

<b>organization during 2001-03 and 2014-16.</b>
<b>Areas of Interest / Specialization</b>
<b>Natural Resources Management, Remote Sensing and G. I. S.</b>
<b>Subjects Taught</b>
<b>Courses taught include Geomorphology, Statistical Methods in Geography, General Cartography, Remote Sensing , Geographical Information System, Field Technique, Geography of Resources</b>
<b>Research Guidance</b>
<b>Supervision of awarded Doctoral Thesis - 02</b>
<b>Publications Profile</b>
<p><b>Authored Book</b></p> <ul style="list-style-type: none"> <li>• 2006 Land Degradation in Tropical Highlands: A Case Study of Orissa, New Delhi: Rajesh Publications, pp. 215. ISBN- 81-85891-65-6</li> </ul> <p><b>Edited Book</b></p> <ul style="list-style-type: none"> <li>• 2011 Fringe Dynamism in Delhi Metropolitan City, Delhi: Globe Publication House, pp. 201. ISBN-81-87854-05-9</li> </ul> <p><b>Research Papers in Edited Books</b></p> <ul style="list-style-type: none"> <li>• 2006 “Spatial pattern of Land Degradation in the Northern Highlands of Orissa”, in S.C. Kalwar et al. (eds.) Geomorphology and Environmental Sustainability , New Delhi: Concept, 72-81. ISBN-1-8069-028-8</li> <li>• 2007 “Management of Common Lands in Sundargarh District, Orissa”, in B.Thakur et al. (eds) <i>City, Society and Planning</i>, Vol. III: Planning, New Delhi: Concept, 418-441. ISBN-10: 81-8069-461-5</li> <li>• 2008 “A Study of Biophysical Characteristics of Lands in the Mahanadi Delta”, in B.Thakur (ed) <i>Perspective of Resources Management in Developing Countries</i>, Vol. 4: Land Appraisal and Development, Delhi: Concept, 158-195. ISBN-10:81-8069-036-9</li> <li>• 2015 “Identification, Estimation and Management of Wastelands Using Remote Sensing and GIS”, in N. Tyagi and N. K. Rana (eds) <i>Application of Geomatics in Natural Resources Appraisal and Management</i>, Delhi : R. K. Books . ISBN-978-93-82847-45-8</li> <li>• 2015 “Models in Relief and Slope Analysis”, in N. Tyagi and N. K. Rana (eds) <i>Application of Geomatics in Natural Resources Appraisal and Management</i>, Delhi : R. K. Books . ISBN-978-93-82847-45-8</li> <li>• 2015 “Joint Forest Management in India : Problems and Prospects” in A. Datta et al.(eds) <i>Spatial Diversity and Dynamics in Resources and Urban development</i>, Vol.1: Regional Resources, Springer. ISBN-978-94-017-9770-2.</li> <li>• 2015 “Land Susceptibility to Degradation in the Kendujhar Plateau, Odisha” in V. R. Sharma (ed.), <i>Contemporary Environmental Issues: Vulnerability and Resilience</i>, Delhi:</li> </ul>

### Research Papers in Journals

- 2008 “Management of Acidity and Alkalinity of Soils in the Northern Highlands of Orissa”, *Eastern Geographer*, XIV: 67-72. ISSN-10: 81-8069-461-5
- 2012 “Forest Fires in the Kendujhar District, Orissa”, *Eastern Geographer*, XVIII: 1: 97-102. ISSN-10: 81-8069-461-5
- 2014 “Joint Forest Management in Odisha: Emerging Issues”, *International Journal of Social science Tomorrow*, 3(3): 1-6. ISSN-2277-6168
- 2014 “Eco Development in Similpal Biosphere Reserve: Issues and Challenges”, *Research Directions*, 2(5): 1-8. ISSN-2321-5488
- 2015 “Assessment, Prevention and Mitigation of Landslide Hazard in Lesser Himalaya of Himachal Pradesh”, *Environment and Socioeconomic Studies*, Vol – 3 (3), pp: 1-11 (co-Author)
- 2015 “Landslide Hazard Assessment and Mitigation Strategy in the Himachal Pradesh”, *Transactions*, Vol – 37 (2), pp: 234-243 (co-Author)

### Publication of Text Book Materials / Articles

- Remote Sensing and GIS (uploaded at [www.du.ac.in/geography/ags](http://www.du.ac.in/geography/ags) in 2008).
- Dynamic World and Plate Tectonic Theory (2007), *Geo Vision*, Department of Geography, Swami Shradhanand College, University of Delhi, pp. 38-41
- Understanding Floods as Physical Processes (2006), *Vasundhara*, Magazine Published by *Geographical Society*, Dyal Singh College, University of Delhi, pp 1-2.
- Is Forest Fire a Disaster?, *Dharitri Newsletter* (2011), *Dharitri Newsletter*, Department of Geography, Aditi Mahavidyalaya, University of Delhi, pp. 1-2
- Biodiesel- A Green, Clean Fuel (2012), *Dharitri*, Department of Geography, Aditi Mahavidyalaya, University of Delhi, p. 21
- House Sparrow: From Ubiquitous to Rare (2014), *Parivartan Media*, No.9, 36-37
- Twenty Two Sewage Drains- Tributaries of Yamuna River (2015), Delhi, *Dharitri*, Department of Geography, Aditi Mahavidyalaya, University of Delhi, p. 12-14

### Conference Organization/ Presentations (in the last three years)

#### Organized

- Convened a National Workshop on “Smart Agriculture: A Blend of Ancient Wisdom and Modern Technology” at Aditi Mahavidyalaya on 29<sup>th</sup>- 31<sup>st</sup> March 2016.

#### Presented

- Presented a paper on “*Vulnerability to Forest Fires in the Himachal Himalaya, India*” during 33<sup>rd</sup> International Geographical Conference on 6<sup>th</sup> - 9<sup>th</sup> August, 2013 at Kyoto International Conference Centre, Japan.
- Presented a poster on “*Eco Development in Similpal Biosphere Reserve: A Blend of Traditional Wisdom and Modern Knowledge*” with her Ph.D. students during 33<sup>rd</sup> International Geographical Conference on 6<sup>th</sup> - 9<sup>th</sup> August, 2013 at Kyoto International Conference Centre, Japan.
- Presented a poster on “*Eco Development in Similpal Biosphere Reserve: A Blend of Traditional Wisdom and Modern Knowledge*” with her Ph.D. students during 33<sup>rd</sup> International Geographical Conference on 6<sup>th</sup> - 9<sup>th</sup> August, 2013 at Kyoto International Conference Centre, Japan.
- Presented a paper on “*Biophysical and Socioeconomic Investigations Related to Landslides in the Himachal Himalaya*” during 34<sup>th</sup> International Geographical Conference on 18<sup>th</sup>-22<sup>nd</sup> August, 2014 at Jagiellonian University, Krakow, Poland.
- Presented a paper on “*Biophysical and Socioeconomic Investigations Related to Landslides in the Uttarakhand Himalaya*” during 36<sup>th</sup> Indian Geographical Congress on 17<sup>th</sup>-19<sup>th</sup> November, 2014 at University of Rajasthan, Jaipur.
- Presented a paper entitled “Landslides in the Jammu and Kashmir: A Geographical Analysis” during 9<sup>th</sup> International Geographical Union Conference on Landuse Change, Climate Extremes and Disaster Risk Reduction organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi on March 20, 2016.

#### Research Projects (Major Grants/Research Collaboration)

- Management of Forest Lands in the Keonjhar District, Orissa Using Remote Sensing and G.I.S. Technology (2007-10, Major Research Project funded by UGC)

#### Awards and Distinctions

- 1983-87 Merit Scholarship, Utkal University
- 1995-9 Junior Research Fellowship, University Grants Commission (UGC)
- 2006, 07, 08 Associate Fellowship, Indian Institute of Advanced Study, Shimla  
(for one month each year)
- 2011 Best Lecturer Award, Government of Delhi, Delhi

#### Association With Professional Bodies

- Life Member, Eastern Geographical Society, Utkal University, Bhubaneswar
- Life Member, The Geographical Society of India, Kolkata
- Life Member, National Association of Geographers, India, Delhi
- Life Member, Association for Geographical Studies, University of Delhi, Delhi
- Life Member, Institute of Indian Geographers, University of Poona, Pune.
- Life Member, Indian Institute of Geomorphologists, University of Allahabad, Allahabad.
- Life Member, Orissa Environmental Society (OES), Bhubaneswar
- Life Member, Indian Society of Remote Sensing (ISRS), Dehradun

#### Other Activities

- Every year guiding under graduate students in field study and also writing project report since 1998.
- **Special Lectures**
  - A lecture on “*Preserve Our Planet Earth*” at *Rotary Club, Cuttack* on 5<sup>th</sup> April, 2005.
  - A lecture on “*Joint Forest Management in Orissa: Emerging Issues*” on 20<sup>th</sup> October, 2006 at *Indian Institute of Advanced Study, Shimla*.
  - A lecture on “*Joint Forest Management: The Alternative Forest Management System*” on 19<sup>th</sup> October, 2007 at *Indian Institute of Advanced Study, Shimla*
  - A lecture on “*Dynamic Earth and Plate Tectonic Theory*” on 1<sup>st</sup> March, 2008 at the Department of Geography, Swami Shradhanand College, University of Delhi.
  - Two lectures were delivered on the following topics on 22<sup>nd</sup> and 23<sup>rd</sup> September, 2008 at the *Department of Geography, Gorakhpur University, during DST sponsored Advance Training Course on “Application of Geomatics in Natural Resource Appraisal and Management”*.
    1. Application of Geomatic in Identification and Management of Waste lands.
    2. Mathematical Model in Relief and Slope Analysis
  - A lecture on “*Communal Forest Management in India: An Overview*” on 25<sup>th</sup> October, 2008 at *Indian Institute of Advanced Study, Shimla*.
- Worked/ working as Remote Sensing and GIS consultant (since 2004) in different NGOs, the product of which is used in different Government organizations like ONGC, Atomic and Mineral Division etc.
- Coordinator of the college stall for showcasing Aditi Mahavidyalaya during Antardhvani, 2014

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.

