

CURRICULUM VITAE

SWATI SACHDEV

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Research/ Work Experience

- **2010 onwards:** CURRENTLY Working as Assistant Professor, Budge Budge College, affiliated to University of Calcutta.
- **2009:** Research Analyst for the **MoLE/ILO** National Consultation on Current Employment Strategies and Women's Work on 'Mapping Gendered World of Women's Work: Regional Patterns and Perspectives'
- **2006 – 2008:** Consultant for Two years at the '**National Commission for Enterprises in the Unorganised Sector**'.
- **2008:** Consultancy Assignment for two months at '**Action Aid India**' on a research study titled 'Addressing Adverse Sex Ratio in the Selected Districts of MP, HP, Rajasthan, Punjab, Haryana.'
- **2007:** Researcher for Commissioned Study for the 11th Five Year Plan, **University Grants Commission**, 'More Unequal than Others: Gender Differentials in Access to Higher Education'
- **2005 – 2006:** Team Member in the project of '**Centre de Sciences Humaine**' (CSH), titled 'Metropolisation and Social Change: An Exploratory Spatial Data Analysis of the Metropolitan Area of Delhi', under Bertrand Lefebvre, for four months.

Academic Qualifications

Cleared UGC-NET in Geography in 2005

Year	Degree	Board/University	Percentage	Subjects	Remarks
2022	Ph. D. in Geography	Centre for the Study of Regional Development, Jawaharlal Nehru University	Title of Thesis: 'Home-based Manufacturing Workers and Decent Work in Urban India: A Case Study of Kolkata'		
2006	M.Phil in Geography	Centre for the Study of Regional Development, Jawaharlal Nehru University	FGPA: 7.66 (A Only) - 81.6 % 1 st Division	Title of Dissertation: 'Heterogeneity and Employability of Workers in Informal Sector in Urban India: Interface with Education'	
2004	M.A in Geography	Centre for the Study of Regional Development, (CSRD), Jawaharlal Nehru University	FGPA: 7.80 (A Only) – 83 % 1 st Division	Specialisation in Regional Development	1st rank in the University
2002	B.Sc in Geography, specialisation in Regional Planning.	University of Calcutta, India.	67. 13 % in Geography 1 st Division	Geography (Hons.). Economics, Political Science, Environmental Science as Other subjects.	4th rank in the University
1999	Higher Secondary	West Bengal Council for Higher Secondary Education	65. 30 % 1 st Division	Economics, English, Geography, Hindi, History, Mathematics	
1997	Secondary	Central Board for Secondary Education, India	78. 80 % 1 st Division	English, General Science, Hindi, Mathematics, Social Science.	

Area of Specialisation: Regional Development, Regional Planning, Economic & Developmental Geography

Software Skills

- Have formal training and hands on experience on **SPSS and STATA, R software**
- Have formal training and hands on experience in using **ArcGIS, 21st Century Professional, Q-GIS.**

Data Management Skills

- Have expertise at handling both **primary and secondary data**
- Accustomed to handling among other data sources - Census of India dataset, **NSS and PLFS data (unit level** and aggregated), NFHS data (unit level and aggregated), SSI data (unit level and aggregated)

Papers Published

- Sachdev, S. 2022. ‘A Gendered Perspective of the Home-based Manufacturing Workers in Urban India’, *Indian Journal of Spatial Science*, Volume -13, Spring Issue, (No. 1), 21st March 2022.
- Sachdev, S. 2020. ‘Drinking Water: Access and Quality Dimensions’ in Gupta, S (ed.) *Water: Resource and Sustainability*. Published by SAIARD and Department of Geography, Women’s Christian College: 68 – 89: ISBN: 978-81-942574-0-0
- Sachdev, S. 2019. ‘Employment Scenario among the Elderly in India’ in *Geography and You*, 19(19&20): 42-48.
- Sachdev, S and Banerjee, P. 2019. ‘Role of GIS in Site Selection for Social Infrastructure: Case Studies from Health and Education’, in Mukherjee, S. (ed.) *Importance and Utilities of GIS*, Avenel Press and Department of Geography, Maheshtala College, (sponsored by University Grants Commission), Kolkata: 150-175.
- Sachdev, S. 2017. ‘The Problem and Dynamics of Higher Education: A Gendered Perspective’, in Bose, S (et.al.) (ed.) *Women Empowerment: A Third World Perspective*, Department of Geography, Shivnath Sastri College, Radiance: Kolkata: 117-142.
- Sachdev, S. 2016. ‘Gender, Work and Space: Home-based Workers in Garment Industry in Kolkata’, in Raju, S and S. Jatrana (ed.) *Women Workers in Urban India*, Cambridge University Press, Delhi: 195-227.
- Bose Das, P, S. Agarwal, S. Sachdev (ed.). 2016. *Challenges in Indian Education in 21st Century*. Aheli Publishers: Kolkata
- Sachdev, S. 2007. ‘Spatial Dynamics, Determinants and Linkages of the Urban Unorganised Manufacturing Sector in India’, *Studies in Regional Science*, 37 (2): 427-453.

Courses, Programs and Workshops (Online and Regular Mode)

- Sachdev, S. 2024. Completed five-day online workshop on “Hands-on training on using DHS/NFHS data analysis using STATA software” organised by VART Consulting, Mumbai held from 22-26 April 2024.
- Sachdev, S. 2024. Completed online one-week Faculty Development Program on ‘AI in Education’ organised by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Sri Guru Gobind Singh College of Commerce, University of Delhi, under the aegis of Malaviya Mission Teacher Training Program from 29th March to 04th April 2024.
- Sachdev, S. 2024. Completed four-day online workshop on “Hands-on Analysis of Periodic Labour Force Survey (PLFS) data using Stata Software” organised by VART Consulting, Mumbai in

collaboration with the Department of Economics, Government Model College, Deithor, Assam held from 19-22 March 2024.

- Sachdev, S. 2023. Participated in One Day Workshop on ‘Geography Syllabus under CCF 2023’ organised by Department of Geography Women’s Christian College, Kolkata in collaboration with Undergraduate Board of Studies in Geography, University of Calcutta on 30th September 2023.
- Sachdev, S. 2023. Participated in One Day State Level Workshop on ‘Curriculum & Credit Framework under National Education Policy: Undergraduate Courses in Geography, University of Calcutta’ organised by Department of Geography, Raidighi College in collaboration with Department of Geography, South Calcutta Girls’ College, Kolkata; Department of Geography, Maheshtala College, South 24 Parganas; Department of Geography, Uluberia College, Howrah and Undergraduate Board of Studies in Geography, University of Calcutta on 20th July 2023.
- Sachdev, S. 2023. Completed Two Weeks Refresher Course in ‘Geography’ organised by Teaching Learning Centre, Ramanujan, University of Delhi, under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during 06th March to 20th March 2023.
- Sachdev, S. 2022. Participated in One Day Workshop on ‘Implementation of CBCS in UG Studies in Geography (Semester 5 and 6)’ organised by Shri Shikshayatan College in collaboration with Faculty Council for Undergraduate Studies and Board of Undergraduate Studies in Geography, University of Calcutta on 10th September 2022.
- Sachdev, S. 2020. Completed Course on ‘Essentials of QGIS for Teachers and Research Scholars’, from the Computer Aided Design Centre, Faculty Council of Engineering & Technology, Jadavpur University from 10th August 2020 to 07th September 2020
- Sachdev, S. 2020. Completed Two Weeks Faculty Development Programme on ‘Quantitative Methods for Data Analysis’ organised by Teaching Learning Centre, Ramanujan, University of Delhi, sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during 12th August to 25th August 2020.
- Sachdev, S. 2020. Participated in ‘21-day Online Training Program using QGIS’, conducted by Department of Geography, School of Earth Sciences, Central University of Karnataka and State Institute of Urban Development Karnataka from 13th July to 02nd August 2020.
- Sachdev, S. 2020. Completed Two Weeks Faculty Development Programme on ‘Advanced Concepts for Developing MOOCs’ organised by Teaching Learning Centre, Ramanujan, University of Delhi, under the aegis by Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching during 02nd July to 17th July 2020.
- Sachdev, S. 2020. Completed online course on ‘Remote Sensing and GIS Technology and Applications for University Teachers & Government Officials’, conducted by Indian Institute of Remote Sensing, ISRO, Dhehradun, from 13th June to 01st July 2020.
- Sachdev, S. 2020. Participated in Faculty Development Programme on ‘Online Tools for Teaching, Learning and Evaluation, organised by BLDE Association’s J.S.S. College of Education, Vijaypur and Rani Channamma University, Belagavi from 09th June to 15th June 2020.
- Sachdev, S. 2019. Participated in ‘**Refresher Course in Geography**’ organised by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi during 16th September 2019 to 28th September 2019.
- Sachdev, S. 2019. Participated in Two Day Workshop on ‘Implementation of CBCS in UG Studies in Geography (Semester 3 and 4)’ organised by Shri Shikshayatan College in collaboration with Faculty Council for Undergraduate Studies and Board of Undergraduate Studies in Geography, University of Calcutta on 26th and 27th April 2019.

- Sachdev, S. 2018. Participated in Workshop on 'Research Methods in Social Sciences using SPSS', (Short term week-end course for one month) from Indian Institute of Social Welfare and Business Management, Kolkata during November 2018.
- Sachdev, S. 2018. Participated in Two Days' Workshop Cum Hands on Training Programme on 'Application of R-STAT Software in Research Methodology' organised by The Centre for Environment and Economic Development (CEED), New Delhi in collaboration with Shri Shikshayatan College, Kolkata on 21st and 22nd July 2018.
- Sachdev, S. 2019 Participated in Two Days Workshop on 'Advanced Mapping Techniques using Drone, Open Source Software and Mobile Based Apps' organised by East Calcutta Girls' College, Lake Town in collaboration with National Atlas and Thematic Mapping Organisation and INCA Kolkata Chapter on 16th and 17th April 2019.
- Sachdev, S. 2018. Participated in Hands on Training cum Workshop on 'Instruments in UG CBCS Curriculum', organised by Department of Geography, Vivekananda College for Women Barisha on 9th June 2018.
- Sachdev, S. 2018. Participated in Workshop on 'Choice Based Credit System', organised by Internal Quality Assurance Cell, Vivekananda College for Women Barisha on 18th May 2018.
- Sachdev, S. 2018. Participated in Workshop on 'Implementation of CBCS System in UG Studies in Geography', organised by Department of Geography, Shri Shikshayatan College in collaboration with Faculty Council for Undergraduate Studies and Board of Undergraduate Studies in Geography, University of Calcutta on 8th May 2018.
- Sachdev, S. 2017. Participated in 'Workshop on Q-GIS Hands-on Training Programme', organised by Department of Geography, South Calcutta Girls' College, 4th – 5th January 2018.
- Sachdev, S. 2017. Participated in Workshop on 'Proposed Geography Syllabus under CBCS System and Introduction of Open Source Software', organised by Lady Brabourne College in collaboration with Undergraduate Board of Studies in Geography, University of Calcutta, 15th September 2017.
- Sachdev, S. 2017. Participated in Workshop on 'Statistical Methods and Techniques of Spatial Analysis', organised by Department of Geography, Women's Christian College in collaboration with Department of Geography, University of Calcutta during 11th July – 17th July 2017.
- Participated in '**Refresher Course in Earth Sciences**' organised by University Grants Commission-Academic Staff College, University of Calcutta, 27.03.2015 to 29.04.2015.
- Participated in '**Orientation Course**' organised by University Grants Commission-Academic Staff College, Jawaharlal Nehru University, 13.01.2014 to 07.02.2014.
- Participated in Workshop on 'Review of the Undergraduate Syllabus in Geography' organised by Undergraduate Board of Studies in Geography, University of Calcutta and by Department of Geography, Shri Shikshayatan College, Kolkata on 28th February 2015.
- Participated in Workshop on 'Modalities of Practical Examinations in Geography' organised by Undergraduate Board of Studies in Geography, University of Calcutta and by Department of Geography, Vivekananda College for Women, Kolkata on 22nd November 2014.
- Participated in 'Workshop on Thematic Mapping with Soil Data' organised by Department of Geography, Vivekananda College for Women, Kolkata on 27th September 2012.
- Participated in 'Young Scholars' Programme on Human Development' 6, 2009, by IGIDR-UNDP-Planning Commission of India. 9th – 21st November 2009.
- Participated in 'Training Workshop for Young Regional Scientists' organised by Institute for Economic and Social Change. 9th January 2006.

Papers Presented

- Sachdev, S. 2020. 'Vulnerability of Urban Poor in the context of Climate Change in India', at the International Seminar on 'Global Environmental Challenges: Environment, Society and Development in the Anthropocene', organised by Department of Geography Women's Christian College, School of Oceanographic Studies, Jadavpur University, Financial Sponsor ICSSR-ERC on 6th and 7th March 2020.
- Sachdev, S., Asmita. M and Avijit. M. 2019. 'Peri-urban Processes and Development: A Case Study of Maheshtala Municipality' at the World Thinkers and Writers' Peace Meet on 'Planetary Crisis and Human Liberation organised by the International Society for Intercultural Studies and Research (ISISAR) in collaboration with WCPA-USA, IWP-USA, IPF-USA, PCI, RKMission Institute of Culture, Sri Surobindo Bhavan, East Calcutta Girls' College, SSCE, GSS, ICCVA, ISAA, SSC during 27th to 31st December 2019.
- Sachdev, S. 2016: '*The Problem and Dynamics of Higher Education: A Gendered Perspective*' at the UGC Sponsored National Seminar on 'Women Empowerment: A Third World Perspective', organised by Department of Geography – Shivnath Sastri College, Kolkata and Centre for the studies in Social Sciences, Calcutta on 28th – 5th September 2016.
- Sachdev, S. 2016: '*Conditions of Living and Livelihood in Slums of Kolkata Metropolitan Region: Implications for Urban Development*' at the International Conference & 47th Annual Seminar of The Regional Science Association, India on 'Urbanization and Regional Sustainability', organised by Regional Science Association India and Department of Geography – University of Calcutta on 28th – 30th January 2016.
- Sachdev, S. 2015. '*Drinking Water: Access and Quality Dimensions*' at the UGC sponsored National Seminar on 'The Importance and Utilities of Geographic Information System', organised by Department of Geography, Women's Christian College, Kolkata on 09th October 2015.
- Sachdev, S. 2012. '*Using GIS for Development: Exploring the role of Facility Mapping*' at the UGC sponsored National Seminar on 'The Importance and Utilities of Geographic Information System', organised by Department of Geography, Maheshtala College, Kolkata on 20th February 2012.
- Raju, S; S. Sachdev and A. Banerjee. 2009. '*The World of Women's Work: Rethinking Poverty, Deprivation and Gendered Location*' at the 'International Seminar on Women, Employment and Poverty in Bihar', Patna Department of Industrial Relations and Personal Management, Patna University and IHD Eastern Regional Centre, Ranchi on 7th – 8th November 2009 (presented by S. Raju).
- Sachdev, S. 2006. '*Employment in Informal Sector in Urban India*' at the 'National Seminar on Contemporary Issues in Regional Development', organised by Centre for the Study of Regional Development on 30th - 31st March 2006.
- Sachdev, S. 2006. '*Spatial and Temporal Analysis of Urban Unorganised Manufacturing Sector in India*' at the 'International Regional Science Symposium and 37th Annual Regional Science Conference', India on 6th – 8th January 2006.
- Sachdev, S. 2005. '*Physical Accessibility to Educational Infrastructure: Location of Schools, using Geographic Information System*' at the 'Eighth Annual ESRI User Conference - India' organized by ESRI-NIIT on 1st -2nd December 2005.

Conferences/ Seminars, Webinars Participated as Attendee Only (Online and Regular Mode)

- Sachdev, S. 2021. Participated in National Webinar on 'Environment, Society and Sustainability', organised by Centre for Urban and Built Environment (CUBE), SAIARD on 11th July 2021.
- Sachdev, S. 2020. Participated in State Level Webinar on 'Learning to Live with Covid-19', organised by NSS Unit - I, Budge Budge College and IQAC, Budge Budge College on 25th September 2020

- Sachdev, S. 2020. Participated in National Webinar on 'Women and Rural Development', organised by Department of Rural Studies and IQAC, West Bengal State University on 07th September 2020
- Sachdev, S. 2020. Participated in National Webinar on 'Future Trends of Research in Geographical Studies', organised by Department of Geography, and IQAC, Heramba Chandra College on 31st August 2020
- Sachdev, S. 2020. Participated in Webinar on 'Impact of COVID-19 on Indian Financial Sectors and Economy', organised by Department of Commerce and Department of Economics, Budge Budge College and IQAC, Budge Budge College on 28th August 2020
- Sachdev, S. 2020. Participated in Webinar on 'Coping Emotionally with COVID: 19: A Mentoring Session for Students, Parents and Teachers', organised by IQAC, Vivekananda College, Thakurpukur on 20th August 2020
- Sachdev, S. 2020. Participated in National Webinar on 'Education and Research', organised by Central Research Committee, Shri Shikshayatan College and SAIARD on 12th August 2020.
- Sachdev, S. 2020. Participated in One Day National Hands-on-Workshop on 'LaTeX for Technical Document Preparation', organised by Computer Society of India, Kolkata Chapter on 26th July 2020
- Sachdev, S. 2020. Participated in State-Level Webinar on 'CAS & New Regulations of UGC: Some Relevant Issues', organised by IQAC, Khudiram Bose College on 18th July 2020
- Sachdev, S. 2020. Participated in National Level Webinar on 'Covid-19: It's Impact on Environment', organised by Department of Geography, Vidyasagar College for Women on 12th June 2020
- Sachdev, S. 2020. Participated in International Virtual Conference on 'Novel CORONA and Novel Challenges: Life Ahead with COVID-19', organised by Sri Sugu Gobind Singh College, Affiliated to Panjab University Chandigarh on 03rd June 2020
- Sachdev, S. 2020. Attended Web Lecture on 'Impact of COVID-19 Lockdown on Informal Economy', organised by Institute of Human Development and Indian Society of Labour Economics on 26th May 2020
- Sachdev, S. 2020. Attended Web Lecture on 'Lives and Livelihood in Pandemic Times', organised by Institute of Human Development and Indian Society of Labour Economics on 11th May 2020
- UGC Sponsored State Level Seminar on 'Infrastructure and Urbanisation in India with Special Reference to West Bengal' organized by Department of Geography, Saheed Anurup Chandra Mahavidyalaya, Burul & Maheshtala College on 17th December 2011.

Membership of Professional Bodies

- **Life Member** of National Association of Indian Geographers (**NAGI**)

Field Survey

- Conducted surveys (in teams and individual) on physiography, socio-economic conditions, quality of life and conditions of work. Have written reports on basis of surveys conducted using both primary data and secondary data.
- **Conducted, mentored and supervised** undergraduate students excursion/ field work - from data collection - analysis - to formulating and finalising of the entire report

Sl No.	Active Survey Duration	Excursion to / Study Area	Theme
1	25.11. 2010 to 30.11.2010	Chalsa Dooars, Jalpaiguri	Environment and Development
2	01.02.2011	Pujali – Ward 2	Urban Expansion and Livelihood
3	31.03.2011 to 6.04.2011	Araku, Vishakapatnam	Developmental Processes and Rural Urban Disparity
4	22.02.2012 to 27.02.2012	Kalimpong, Darjeeling	Tourism, Environment and Development
5	1.03.2012	Achipur – Rajibpur Mauza	Living Standards at the Urban Periphery
6	29.01.2013	Pujali - Rajarampur Mauza	Living Standards at the Urban Periphery
7	06.03.2013 to 10.03.2013	Murshidabad, Murshidabad	Livelihood Study of Rural Murshidabad
8	17.02.2014 to 23.02.2014	Ravangla, South Sikkim	Environment and Development
9	11.03.2014	Pujali - Ramchandrapur Mauza	Peri-urban Processes
10	24.02.2015	Maheshtala – Ward 26	Peri-urban Processes
11	19.01. 2016	Budge Budge – Ward 17	Slums and Livelihood
12.	24.02.2016 to 01.03. 2016	Alipur Duars (ongoing)	Rural & Urban Development in Mountainous West Bengal
13.	18.02.2017 – 24.02.2017	Pelling, West Sikkim	Environment and Development
14.	07.02.2017	Budge Budge – Ward 11	Industry, Environment and Development in a Mixed Neighborhood
15.	20.02.2018	Budge Budge – Ward 15	Standard of Living in Peri-urban Kolkata
16.	18.02.2019	Budge Budge – Ward 2	Standard of Living in Peri-urban Kolkata
17.	01.10.2018 – 07.10.2018	Uttar Dhupjhora	Rural economy and livelihood in village Uttar Dhupjhora
18.	01.10.2018 – 07.10.2018	Dakshin Kantadighi Kumarpara	Rural economy in village Dakshin Kantadighi Kumarpara
19.	03.08.2022 – 07.08.2022	Chorinda, Ghatsila, Jharkhand	Development & access to infrastructural facilities in village Chorinda: Focus on hydrology and access to water
20.	08.10.2023 – 12.10.2023	Peripathar, Bankura, West Bengal	Agriculture, Water and Development Scenario in a Drought Prone Area Case Study of Peripathar Village, Bankura

Student Projects Mentored and Supervised

- 2020-2021: Project report based on secondary data on ‘Industry, Environment and Population in Budge Budge Municipality’
- 2021-2022: Project report based on secondary data on ‘Rural Non-Tea Economy and Population in Jalpaiguri’
- 2020-2021: Disaster Management Report on: Structural Collapse: A Case of Majherhat Flyover / Bridge
- 2020-2021: Disaster Management Report on: River Bank Erosion: A Case of River Ganga Near Farakka Barrage in Murshidabad
- 2021-2022: Disaster Management Report on: Floods: A Case of Paschim Medinipur District
- 2021-2022: Disaster Management Report on: Air Pollution: A Case Study of Kolkata
- 2021-2022: Poster on ‘Russian School of Geographical Thought’
- 2021-2022: Poster on ‘British School of Geographical Thought’
- 2022-2023: Disaster Management Report on: Air Pollution: A Case Study of Durgapur
- 2022-2023: Poster on ‘Positivism and Positivist Geography’
- 2022-2023: Poster on ‘Behavioural Geography’
- 2023-2024: Disaster Management Report on: Noise Pollution: A Case Study of Kolkata (ongoing)
- 2023-2024: Disaster Management Report on: Structural Collapse: A Case of Vivekananda Flyover, Kolkata (ongoing)
- 2023-2024: Poster on ‘Regional School of Geographical Thought’ (ongoing)

Specialised Courses Undertaken

- Statistics and Statistical Applications through computers, Quantitative Techniques in Regional Analysis.
- Regional Development, Levels of Regional Development in India, Urbanisation and Urban Planning, Population and Settlement, Introduction to Economic Development, Labour force, Employment and Manpower Planning, Social Geography, Social Well Being, Remote Sensing and its applications, GIS: Concepts, Methods, and Applications -- all with special reference to India.

Additional Qualifications

- 2004: Training Program on **Remote Sensing and Geographic Information System** (Organised by Regional Remote Sensing Service Centre, Jodhpur, Indian Space Research Organisation, Department of Space)
- 2003: Certificate course in **Geographic Information System and Remote Sensing** (From PCI Geomatica)
- 1999: Honours Diploma in **Network Centered Computing** (From NIIT)
- 1997: Advanced Certificate in PC Application (From NIIT)

Co-curricular Activities

- Undertaken task of rapporteur for seminars
- Taken active part in organising seminars at CSRD, JNU
- Organised competitions in annual fests CSRD, JNU

Languages Known:

English, Hindi, Bengali, Punjabi (Only spoken).

SWATI SACHDEV

31st May 2024
