CV 28.7.2022

PERSONAL DETAILS

SURNAME	Thakurta Roy
NAME	Shatarupa
DOB	October 6 1975
ADDRESS (O)	Dr.Shatarupa Thakurta Roy, Associate Professor Discipline of Fine Arts, Faculty Building, FB 671 Department of Humanities and Social Sciences Indian Institute of Technology Kanpur Kanpur 208016, Uttar Pradesh, INDIA
EMAIL	shatarupathakurtaroy@gmail.com stroy@iitk.ac.in
MOBILE	+91 9935266960

DEGREES

2014 Doctor of Philosophy (Ph.D) in Design
Department of Design, Indian Institute of Technology Guwahati, Guwahati – 781039, Assam, India
Thesis Title: AESTHETIC CONTINUUM OF CONTEMPORARY FOLK PAINTINGS OF INDIA: CASE STUDY OF FIVE TRADITIONAL PRACTICES
CPI: 9.60

1999 Master of Fine Arts (MFA) in Graphic Arts
Kala Bhavan, Visva Bharati University, Shantiniketan, West Bengal, India
Master's Dissertation: PEDAGOGIC ACTIVISM FOR SOCIAL CHANGE: SISTER NIVEDITA IN THE ROLE OF AN ART TEACHER IN EARLY 20TH CENTURY KOLKATA
Division: First, Score: 67.7, Rank: 2nd Position in Graphic Art

1997 Bachelor of Fine Arts (BFA) in Graphic Arts
Kala Bhavan, Visva Bharati University, Shantiniketan, West Bengal, India
Division: First, Score: 71.2, Rank: 2nd Position in the batch

2000 National Educational Test Eligibility for Lectureship, December 2000, Certificate No.: A 009913, Date of Certificate: 17.07.2001, Subject: Visual Art, University Grants Commission (UGC)

LANGUAGE SKILLS

Language	Listening	Reading	Spoken Interaction	Spoken Production	Writing
Bengali	C2	C2	C2	C2	C2
English	C1	C1	C2	C2	C2
Hindi	C1	B1	B2	B2	B1

CURRENT EMPLOYMENT

2021 Associate Professor, From 1st July 2021 till date, Discipline of Fine Arts, Department of Humanities and Social Sciences, Indian Institute of Technology Kanpur.

Job Description: I am associated with the discipline of Fine Arts in the Department of Humanities and Social Sciences offering courses in Art Appreciation and Criticism, History of Art, Research Methodology, Visual Culture, Folk & Minor Art, Visual Ethnography along with Drawing and Painting, Lithography and Intaglio, Printmaking. I have also been jointly associated with the Design Programme at IIT Kanpur teaching courses on Design Theory, Graphic Design, and several other courses on Visual Communication. I supervise master's and doctoral dissertations

in Fine Arts and Design. Besides teaching, I engage actively in research and various administrative duties as assigned by the institute.

Stage of the academic research career on the four-stage (I–IV) research career: R3

PREVIOUS WORK EXPERIENCE

2009-2021 Assistant Professor, From 19th May 2009 till 30th June 2021, Department of Humanities & Social Sciences and Design Programme, Indian Institute of Technology Kanpur.
Job Description: Teaching and Research in the Discipline of Fine Arts, Department of Humanities and Social Sciences along with Design Programme. Administrative Duties as assigned by the institute.

2008-2009 Visiting Faculty, April 2008 to April 2009, Design Programme, IIT Kanpur
Job Description: Teaching a compulsory core course on Design Theory. Conducting lab sessions on product sketching and rendering, story boarding and graphic illustration for the M Des students.

2007-2008 Project Engineer, October 2007 to April 2008, Design Programme, IIT Kanpur
Job Description: Research on Craft of Uttar Pradesh that included mapping of the traditional clusters and descriptive report writing on glass, brass, wood and inlay work along with carpet weaving.

2003-2007 Project Associate, March 2003 to September 2007, Design Programme, IIT Kanpur
Character modelling and animation design for an educational project for school children on Indus Valley Civilization.

2001 Assistant Teacher, April 2001 to September 2001, New Era High School, Panchgani, Maharashtra
Job Description: Teaching painting and printmaking and setting up an art studio.

1999-2001 Assistant Teacher, May 1999 to March 2002, Sahyadri School, Krishnamurthy Foundation India
Job Description: Teaching painting, printmaking, and vegetable dyeing on textile. Guiding senior students who specialized in Art to prepare their portfolio.

Career break: September 2001 – March 2003
I shifted to a different city with my husband, planned a child, devoted time to childcare and continued with art practice

RESEARCH FUNDING & GRANTS

SPONSORED RESEARCH: Title / Sponsors / Funding / Duration / Co-PI

2011 The Aesthetic Continuum of Indian Folk Art, Institute Initiation Grant, 6.5 Lakhs, One Year

2016 Development of assistive touch screen-based interface for children with dyslexia and dysgraphia (DIC Faculty Project), Ministry of Human Resource and Development, 15 Lakhs, Two Years,
Co-PI: Prof. Brajbhushan (Psychology, HSS) & Dr. Alok Bajpai (Psychiatrist)

2017 Focus Incubation Centre (Technical Textile), Ministry of Textiles, 750.0 Lakhs, Five Years, Co-PI
Prof. Deepu Philip (Industrial Management Engineering) & Prof.Mainak Das (Bio Sciences & Bio Engineering)

2022 Jaivik Yatra, Sustainable Organic Farming in India (Television Series), Prasar Bharati, 180 Lakhs, Two Years

RESEARCH OUTPUT

Publications: journal / refereed conferences / submitted

JOURNAL (6)

1. Shatarupa Thakurta Roy, Amarendra Kumar Das, Title: A Passage to the Printed Package Graphics of Bengal, Publisher: Common Ground Research Networks, Collection: Common Ground Research Networks, Series: Design Principles & Practices, Journal Title: Design Principles and Practices: An International Journal—Annual Review, Volume: 5, Issue: 5, Date: September 14, 2011, ISSN: 1833-1874 (Print), ISSN: 2473-5736 (Online), DOI: https://doi.org/10.18848/1833-1874/CGP/v05i05/38159, Design Principles and Practices: An International Journal—Annual Review 5 (5): 149-154. doi:10.18848/1833-1874/CGP/v05i05/38159.
2. Nilima Topno, Shatarupa Thakurta Roy, Noopur Anand, Title: Understanding Camouflage Design through the Theories of Cognitive Psychology, Publisher: Common Ground Research Networks, Collection: Common Ground Research Networks, Series: Design Principles & Practices, Journal Title: The International Journal of Visual Design,

Volume: 13, Issue: 3, Date: August 09, 2019, ISSN: 2325-1581 (Print), ISSN: 2325-159X (Online), DOI: https://doi.org/10.18848/2325-1581/CGP/v13i03/1-16

3. Tanvi Jain, Shatarupa Thakurta Roy, Title: Beyond Conventions: Underlying the Presence of Trash Sensibility as an Inherent Discourse in the Material Evolution of Twentieth Century Indian Art, Publisher: Common Ground Research Networks, Collection: Common Ground Research Networks, Series: The Arts in Society, Journal Title: The International Journal of Arts Theory and History, Volume: 16, Issue: 1,Date: May 13, 2021, ISSN: 2326-9952 (Print), ISSN: 2327-1779 (Online), DOI: https://doi.org/10.18848/2326-9952/CGP/v16i01/1-19, The International Journal of Arts Theory and History 16 (1): 1-19. doi:10.18848/2326-9952/CGP/v16i01/1-19.
4. Swaroop Panda, Shatarupa Thakurta Roy, Title: Comparing Voter Electoral Preferences Using Visualizations, Publisher: Common Ground Research Networks, Collection: Common Ground Research Networks, Series: Design Principles & Practices, Journal Title: The International Journal of Visual Design, Volume: 15, Issue: 2, Date: November 04, 2021, ISSN: 2325-1581 (Print), ISSN: 2325-159X (Online), DOI: https://doi.org/10.18848/2325-1581/CGP/v15i02/57-66, Citation: Panda, Swaroop, and Shatarupa Thakurta Roy. 2021. "Comparing Voter Electoral Preferences Using Visualizations." The International Journal of Visual Design 15 (2): 57-66. doi:10.18848/2325-1581/CGP/v15i02/57-66. Extent: 10 pages
5. Swaroop Panda, Shatarupa Thakurta Roy, Title: Guerrilla visualization, Publisher: The ACM Digital Library, Interactions Volume 29, Issue 1, January - February 2022 pp 68–71, Online:06 January 2022, DOI: https://doi.org/10.1145/3505239
6. Abhinav Basak, Shatarupa Thakurta Roy *Title*: Visual Ergonomics for Colorblindness: Providing Affordance in a Desktop Graphical User Interface, *Publisher*: Common Ground Research Networks, *Collection*: Common Ground Research Networks, *Series*: Design Principles & Practices, *Journal Title*: The International Journal of Visual Design, *Volume*: 16, *Issue*: 2, *Date*: March 29, 2022, *ISSN*: 2325-1581 (Print), *ISSN*: 2325-159X (Online), *DOI*: https://doi.org/10.18848/2325-1581/CGP/v16i02/1-17, *Citation*: Basak, Abhinav, and Shatarupa Thakurta Roy. 2022. "Visual Ergonomics for Colorblindness: Providing Affordance in a Desktop Graphical User Interface." *The International Journal of Visual Design* 16 (2): 1-17. doi:10.18848/2325-1581/CGP/v16i02/1-17. Extent 17 pages

CONFERENCE PROCEEDINGS (13)

1. Shatarupa Thakurta Roy, J Ramkumar, Shanu Sharma, 2011 '*User Centric Designed Mechanism for Stairs-Climbing Wheelchair (Manual)'*, NaCoMM 2011
2. Shatarupa Thakurta Roy, Satyaki Roy, Amarendra Kumar Das, 2011 '*Traditional Folk Art of Madhubani – A Feminine preserve',* Design History Society Annual Conference: 'Design Activism and Social Change', Barcelona
3. Shatarupa Thakurta Roy, Satyaki Roy, Amarendra Kumar Das, 2011 *'Social Innovation and Sustainability of Folk Aesthetics'*, Design for Social Innovation & Sustainable Development 5th India International Design Innovation & UX Conference, Auroville
4. Shatarupa Thakurta Roy, Amarendra Kumar Das, 2013, *Myths and Facts of Indian Folk Painting*, International Symposium for Culture, Art and Literature, Bangkok, 6th to 8th November 2013, Department of Cultural Vocational Development, National Taipei University of Technology
5. Shatarupa Thakurta Roy, 2015, '*Thematic analysis of Ramayana narrative scroll paintings; a need for knowledge preservation*' ICCVAD 2015 Paris, "Communication, Visual Arts and Design" International Science Council, April 27-28, 2015, Paris, France.
6. Shatarupa Thakurta Roy, Nilima Topno, 2018, *Developing a Digital Portal for Craft Products*, Rediscovering Culture Transforming Fashion, National Institute of Fashion Technology, International Conference, Jan31- Feb2, 2018 India Habitat Centre, Lodhi Road, New Delhi
7. Swaroop Panda, Vinay P. Namboodiri and Shatarupa Thakurta Roy, 2019 '*Visualizing Music Genres using a Topic Model*' 16th Sound and Music Computing Conference (SMC2019), pages 291-292, DOI:10.5281/zenodo.3249291, ISBN 978-84-09-08518-7, ISSN 2518-3672
8. Swaroop Panda, and Shatarupa Thakurta Roy, 2020, '*Metaphors We See By*.' 24th International Conference Information Visualisation (IV), pp.704-707. IEEE, 2020. DOI:10.1109/IV51561.2020.00122
9. Swaroop Panda, and Shatarupa Thakurta Roy, 2020 '*Explaining Explainable AI*.' Mensch und Computer 2020-Workshopband (2020). DOI:10.18420/muc2020-ws111-347

10. Swaroop Panda, and Shatarupa Thakurta Roy, 2020, '*Music Genre Bars*' In virtual proceedings (posters) of IEEE VIS 2020. Link: https://arxiv.org/abs/2103.00129
11. Swaroop Panda, and Shatarupa Thakurta Roy, 2020 'Visualization Improvisation' In VIS Activities workshop held at IEEE VIS 2020, Link:https://visactivities.github.io/2020/papers/vis20s-sub3029-cam-i26-footer.pdf
12. Swaroop Panda, and Shatarupa Thakurta Roy, 2021, '*A Preliminary Model for the Design of Music Visualizations*' In proceedings (poster presentation) of PacificVIS2021, Link: http://vis.tju.edu.cn/ pvis2021/pdf/poster/poster-papers/1011-doc.pdf
13. Saurabh Tewari, Shatarupa Thakurta Roy, 2016,'*The Story of a Chair: Transformations in the Design Culture of India*', October 2016, Conference: ICHDS 2016 Taipei, Project: Indian Design History

BOOK CHAPTERS (10)

1. Shatarupa Thakurta Roy, Amarendra Kumar Das, Stylistic Analysis of Space in Indian Folk Painting, ICoRD'13 Global Product Development, 2013, ISBN: 978-81-322-1050-4 pp 1277-1286
2. Bharat Sarkar, Shatarupa Thakurta Roy, Smart Innovation, Systems and Technologies, January 2015, DOI: 10.1007/978-81-322-2232-3_44, In book: ICoRD'15 – Research into Design Across Boundaries Volume 1, pp 505-514
3. Saptarshi Kolay, Shatarupa Thakurta Roy, Designing Alternative Paradigm for Traditional Visual Storytelling, December 2015, DOI: 10.1007/978-81-322-2232-3_14, ICoRD'15 – Research into Design Across Boundaries Volume 1 pp 145-157
4. Amit Kundal, Jayanta Chatterjee, Shatarupa Thakurta Roy, Biogenic Domestic Waste—Exploring Select Dimensions of Socio Technical Innovation Using Design Probe, December 2015, DOI: 10.1007/978-81-322-2229-3_16, In book: ICoRD'15 – Research into Design Across Boundaries Volume 2, pp 181-190
5. Abhinav Basak, Shatarupa Thakurta Roy, Reassessing User-Friendliness of Evolving Graphical Interface Design from Social Perspective: Proceedings of ICoRD 2019 Volume 2, pp 327-341 January 2019, DOI: 10.1007/978-981-13-5977-4_28, In book: Research into Design for a Connected World
6. Abhinav Basak, Shatarupa Thakurta Roy, Universal Design Principles in Graphical User Interface: Understanding Visual Ergonomics for the Left-Handed Users in the Right-Handed World: Proceedings of ICoRD 2019 Volume 2, pp 793-806, January 2019, DOI: 10.1007/978-981-13-5977-4_67, In book: Research into Design for a Connected World
7. Sourav Dutta, Kanishka Biswas, Shatarupa Thakurta Roy, Satyaki Roy, Reflection of Indian Philosophy in Design: Proceedings of ICoRD 2019 Volume 2, pp 877-886, January 2019, DOI: 10.1007/978-981-13-5977-4_73, In book: Research into Design for a Connected World
8. Nilima Topno, Shatarupa Thakurta Roy, Noopur Anand, Vikas Kumar, Appreciation of Art with Vision and Color: Proceedings of ICoRD 2019 Volume 2, pp 271-280 January 2019, DOI: 10.1007/978-981-13-5977-4_23, In book: Research into Design for a Connected World
9. Rohit Kumar, Shatarupa Thakurta Roy, Assessment of Knowledge, Behavior, and Practices of Maternal and Child Health of Rural Pregnant Women, April 2021, DOI: 10.1007/978-981-16-0041-8_41, In book: Design for Tomorrow—Volume 1, pp 489-501 Proceedings of ICoRD 2021
10. Rohit Kumar, Shatarupa Thakurta Roy, A Study on Design of an Illustrated Book for Communicating Maternal and Child Health to Semiliterate Rural Women of Kanpur, India, May 2021, DOI: 10.1007/978-981-16-0084-5_66, In book: Design for Tomorrow—Volume 3, pp 809-823, Proceedings of ICoRD 2021

PAPERS PRESENTED IN CONFERENCE (8)

1. Shatarupa Thakurta Roy, Satyaki Roy, 2018, *Refugee settlement in Rasoolabad- a contextual study* XX International Oral History Association Conference 2018: Memory & Narration, June 18-21, 2018, University of Jyvaskyla, Finland
2. Shatarupa Thakurta Roy, Satyendra K Mishra, Satyaki Roy, 2018, *Re-Voicing Bawan Buti Sari,* 12th International Conference, Design Principle and Practices 5th to 7th March 2018, ELISAVA School of Design and Engineering Barcelona, Spain
3. Nilima Topno, Shatarupa Thakurta Roy, 2021. Poster Presentation - *Intensification of Industry 4.0 due to COVID 19*, International Online Conference in Craft Fashion and Textiles, National Institute of Fashion Technology, NIFT Jodhpur on 22-24 March 2021.

4. Nilima Topno, Shatarupa Thakurta Roy, 2021. Poster Presentation - *Textile Industry wastewater and its hazardous effects*, International Online Conference in Craft Fashion and Textiles, National Institute of Fashion Technology, NIFT Jodhpur on 22-24 March 2021.
5. Nilima Topno, Shatarupa Thakurta Roy, 2021. Poster Presentation - *Monpa handmade paper of Arunachal Pradesh*, International Online Conference in Craft Fashion and Textiles, National Institute of Fashion Technology, NIFT Jodhpur on 22-24 March 2021.
6. Nilima Topno, Shatarupa Thakurta Roy, 2021. Poster Presentation - *Fashion Forecasting*, International Online Conference in Craft Fashion and Textiles, National Institute of Fashion Technology, NIFT Jodhpur on 22-24 March 2021.
7. Nilima Topno, Shatarupa Thakurta Roy, 2021. *Bhagalpuri Silk Fabric Weaving Process*, Vocal for Local - Indian Textiles - Oral Presentation. www.textileschool.com, 15 May 2021.
8. Nilima Topno, Shatarupa Thakurta Roy, 2021. *Different Technological Methodologies used in the Garment Industry,* Oral Presentation www.textileschool.com, Vocal for Local - Indian Textiles, 25 April 2021.

RESEARCH SUPERVISION

SUPERVISION OF DOCTORAL DISSERTATION (4 COMPLETED)

2020 Amit Kundal, Role of prototypes and the activity of prototyping in Design thinking practice for the case of affordable dental care for India. Co-supervisor - Chatterjee, J.
2021 Saurabh Tewari, Design Paradigms: A Post-colonial Design History of India
2021 Swaroop Panda, Domain based design spaces for visualization
2022 Satyendra Kumar, Reviving the Lost Motifs of Baavanbuti Sari. Co-supervisor - Roy, S

SUPERVISION OF MASTER OF DESIGN DISSERTATION (37)

2010 V, Nachiket. Cityscapes-Data Visualization on Urbanization
2010 Guria, Stuti Shalini. A Set of Handbooks for Amateur Designers
2010 Agrawal, Himanshu. Touch-screen Applications for Kids' Learning (A project on User Experience and User Interface Design)
2011 Sharma, Shanu. Design for barriers - Stairs climbing Manual Wheelchair, Co-supervisor Roy, S.
2011 Sawant, Nutan. Impact of social media on Design, Co-supervisor Roy, S.
2011 Rathor, Pragam. Urban housing eco-system of low-income groups: A human centric exploration Co-supervisor Roy, S.
2012 Singh, Himesh. Space Design for Community Kitchen and Dining Area
2013 Koley, Saptarshi. Tradition and Modernity in Indian Craft Clusters
2013 Kundal, Amit. Design Management in Muradabad Brass Cluster, Co-supervisor Chatterjee, J.
2014 Jain, Rachit. Online Advertising: Layout, Content and Context
2014 Sarkar, Bharat. Experience Trade-Off with Technological Advancement
2014 Borah, Jayanta Madhab. Alternative Journalism through Graphic Representation of News Reports
2015 Bagde, Toshib Vishal. Exploring characters for the revival of Indian Comics
2015 Soren, Manisha Soren. Effectivity of stickers and emoticons as a mode of communication, Co-supervisor Kumar, V.
2015 Basak, Abhinav. Visual Styles and Appearance of Graphical User Interface in Desktops
2015 Khan, Shariq Meraj. Design of relief supplies packaging as a tool for psychosocial first aid
2016 Agarwal, Apoorva. Translating Music into Emotions through Visual Design
2016 Panigrahi, Swayamsiddha. Capturing the essence of a festival through storytelling and visual narrative methods - A research on the 'Boita Bandana'/ Boat Festival of Odisha"
2016 Gautam, Shobhit. Wearable Art: A Creative Journey
2016 Kalyan, M Kirti. Illustrating Horror and Terror
2016 Nelapudi, Pritam. Design Exploration on the Experience of Superhero Graphic Novels
2016 Ahmed, Sufiyan. Sustainability of Traditional Culture in India - A Contextual Study on the Major Operational Factors

2016 Tsukka, Joseph Jayadev. Analysis of Visual Culture of Kanpur City and Designing the Visual Identity using Urban Colourscapes
2017 S, Athira. Identify Language Barrier Issues Faced by Daily Wage Migrant Labourers
2017 Arya, Shashank Kumar Flair: A digital platform that enables pupil to explore and envision their concealed forte, aiming to make them land in forthcoming course or career, from their internal inclination with the help of design.
2017 Shalabh. Carma App: A digital platform that helps in learning driving and keeps the driver adhered to the learning while driving by using the elements, psychology, and practices of gamification
2018 Edasseri, Alok. Presentation of Intangible Cultural Heritage using Storytelling approach and Augmented Reality
2018 Paharia, Yatika. Split: A Game Design based on Key Features extracted from Popular and Timeless Board Games
2018 Kundu, Soumya. DYU: Adumbrate Disquisition of the Board Game Design Process in South Asian Context
2019 Phuritshabam, Somorjit. Development and branding design for Rural Tourism of Chakpa community village of Manipur: Khurkhul village
2019 Singh, Abhay. Designing the digital platform for hassle-less doorstep delivery of the veterinary services and personal digital assistance (PDA) for the vets and AI technicians to assist them in field decision and documentation work
2019 Kumar, Amit. Effects and Remedies of sleep apnea: Digital solution for better awareness
2019 Kumar, Dilip. Electronic Health Record, Co-supervisor Bhowmik, R.
2019 Lanke, Onkar Bharat. Reimagining Space: Exploring Principles of Environments for Wellbeing and Design of Communication Channels for Awareness, Co-supervisor Bhowmik, R.
2022 Sreenath V R. Illustration Design for Assistive Application for Children with Dyslexia and Dysgraphia
2022 Nikhilesh Tripathy. Design of Hospital Signage
2022 Arjun Ajay. Bridging the intergenerational gap through illustrated life stories

BACHELORS THESIS SUPERVISION (6)

2014 Dang, Ruhi. Disposal of Confidential Wastepaper. Co-supervisor - Das, Mainak
2014 Baggaru, Saurabh. Digital Preservation of Ramayana Scroll painting from Odisha. Co-supervisor -Kumar, Ashok
2014 Gupta, Vivek. Cultural Preservation: Bengal Patachitra. Co-supervisor - Kumar, Ashok
2014 Raj, Pritam. Decoding the Narrative of Kalamkari painting for Archival Purpose. Co-supervisor - Kumar, Ashok
2015 Roy, Prajita. Significance of Day Care facilities for toddlers in a residential campus. Co-supervisor -Das, Mainak
2015 Tharunaditya, K. Snehan – A Promotional Video. Co-supervisor - Das, Mainak

RESEARCH GROUP WITH PRESENT DOCTORAL STUDENTS (10)

Year of Registration and Completion of Comprehensive Examination, Name and Topic of Research

2016 Abhinav Basak, Visual Ergonomics for Colour-blind and lefthanded users: Providing Affordance in a Desktop Graphical User Interface,
2016 Neelima Topno, Development of a Smart Camouflage Shield for Military Personnel
2018 Tanvi Jain, The Repurposing of Materials and Objects in Art with a Special Focus on the Use of Waste/ Trash in Contemporary Indian Art
2018 Arman Ovla, Developmental model for an efficient and sustainable livelihood: Potters in UP, India
2019 Nikhil Sharma, Effective Art Education for Primary Schools in India
2019 Sarat Jyoti Kuli, Design Intervention for Improving the Living Conditions of Riverine Mishing People of Ahumoni Miri Village
2019 Rohit Kumar, Graphic Healthcare Information Design to Assist Maternal Health Communication among Semi-literate Rural Population of Jharkhand
2019 Aranya Bhowmik, From Material to Idea: Analyzing the Artworks of Indian Contemporary Women. Artist
2019 Neha Verma, Investigating the Relationship Between the Fractal Geometry and Continuous Representation of Mughal Art in Decorative Symbolic Expressions
2021 Guruprasad Dey, Clay Dolls of Jaynagar-Majilpur: A Contextual Study of the Cultural History of a Craft

TEACHING MERITS

As a teacher I have tried to approach Art as an academic subject. I have seen history of art as a contextual parameter to place artistic practices. Methodology of art appreciation and art criticism and its overlapping with Philosophy and Sociology remained my interest till date. Pedagogical understanding had always overpowered intuitive practice for me as I felt teaching art will give me a wider outreach. As art is no longer confined to decorative, evidential and propagative boundaries, I am trying to look at it from oral historical and performative aspects more than anything else. I have studied and taught both Fine Arts and Design to achieve better clarity on generic creativity. The journey is at a crossover of the relationship of material, metaphor, expressionism, instrumentalism and the academic interpretation of them all. I encourage my PhD students to freely expand their research domain keeping the ontology and ground theory in place. Besides, I teach fundamental courses in alternative semesters to keep me grounded. I am instrumental in including indigenous art practice in mainstream art education.

COURSES TAUGHT (12) AND DEVELOPED (4)

Course Number, Course Title, Department/Programme, Semesters Taught, Number of Students Registered

UNDERGRADUATE CORE & ELECTIVE COURSES (Department of Humanities and Social Sciences)

ART102 - INTRODUCTION TO ART CRITICISM & APPRECIATION, 5 Semesters, Students Registered 327.
ART106 - ELEMENTS OF VISUAL REPRESENTATION, 5 Semesters, Students Registered 490.
ART406 - ART CRITICISM: THEORY AND PRACTICE, 8 Semesters, Students Registered 643.

POSTGRADUATE (M.DES) CORE & ELECTIVE COURSES (Design Programme)

DES601 - DESIGN THEORY, Design Programme. 10 Semesters, Students Registered 195
DES630 - FUNDAMENTALS OF GRAPHICS. 3 Semesters, Students Registered 35
DES682 - DESIGN PROJECT II. 1 Semester, Students Registered 20
DES624 - ELEMENTS AND PRINCIPAL OF DESIGN. 2 Semesters, Students Registered 38

POSTGRADUATE (Ph.D) CORE & ELECTIVE COURSES (Department of Humanities and Social Sciences)

ART701 - METHODOLOGY: ART CRITICISM & APPRECIATION. 5 Semesters, Students Registered 84
ART709 - TOPICS IN INDIAN FOLK ART. 4 Semesters, Students Registered 20
ART708 - RESEARCH METHODS IN VISUAL CULTURE. 1 Semester, Students Registered 26
ART799 - PHD THESIS (FA). 1 Semester, Students Registered 11
ART706 – VISUAL ETHNOGRAPHY. 1 Semester, Students Registered 19

MASSIVE OPEN ONLINE COURSES (MOOC)

SWAYAM NPTEL NOC (NPTEL Online Certification) and Swayam Prabha Channel 16

2015 ELEMENTS OF VISUAL REPRESENTATION
https://onlinecourses.nptel.ac.in/noc15_hs16/preview
2016 FOLK AND MINOR ART IN INDIA
http://nptel.ac.in/noc/IndividualCourse/Syllabus/noc16-hs13

Both these courses have been offered multiple times over the national MOOCs platform called SWAYAM under NPTEL Online Certification Programme. These two courses have been telecasted over the Swayam Prabha DTH Television Channel Network of Ministry of Education, nationwide several times since 2016.

COURSES DEVELOPED

ART106A ELEMENTS OF VISUAL REPRESENTATION
ART406A ART CRITICISM: THEORY AND PRACTICE
ART709A TOPICS IN INDIAN FOLK ART
DES630A FUNDAMENTALS OF GRAPHICS

INFRASTRUCTURE DEVELOPED

FINE ARTS AND DESIGN STUDIO

Brief idea on conducive learning environment:

Upgradation of facilities is a constant need to match the frequent appearance of new methods, materials and technologies of the tangible pedagogical dynamics. Education takes place by means of a synergy between the learner and the learning environment. It is not only the presence of a teacher that matters but the environment that a teacher builds around him/

her to house a student. An ideal environment allows failure beside success, and exploration beside invention by eliminating inhibitions. Unless we love our workplace, our education remains incomplete. In order to simultaneously see, think, and do, we need a place that activates our body, mind and soul. To realize the theory and explore methodical learning lab/studio facilities play a very important role. The courses listed below have an extensive practice based component along with theory.

ART106A ELEMENTS OF VISUAL REPRESENTATION
DES601A DESIGN THEORY
DES624A ELEMENTS AND PRINCIPAL OF DESIGN
DES630A FUNDAMENTALS OF GRAPHICS
ART706 – VISUAL ETHNOGRAPHY

SHORT TERM COURSES

2022 Invited as a resource person for the SLA (Science and Liberal arts) VI- to teach a module course (7th to 13th April 2022) titled 'Design Anthropology' for 6th-semester students (60 students from the Department of Communication, Industrial and Textile Design) in Department of Communication Design, National Institute of Design Andhra Pradesh, India

2019 Five Days workshop on Research Methodologies for Media and Entertainment with 2nd year animation cinema students at Satyajit Ray Film and Television Institute, Kolkata

2018 Three Day workshop on Research Methodologies for Media and Entertainment with 2nd year animation cinema students at Satyajit Ray Film and Television Institute, Kolkata.

2014 Invited as Mentor Design Gurukul for School Students, Manav Bharti, Dehradoon, USID Foundation

2014 Taught as Co-Instructor in the Course on Product Design and Manufacturing, VLFM Programme

2011 Invited as Mentor in USID Gurukul 2011, International Design Workshop, IIT Kanpur, Virtual Gurukul November 26 to December 1, On site Gurukul December 5 to 11, 2011

2010 2D/ 3D Visualization - Product Sketching and Rendering, Department of Design, IIT Guwahati

2010 PD6 workshop at IIT Guwahati, Jointly Conducted with Matti M Hamalinen, ADF

2009 A short module (6 Hours), Utility and Aesthetics in Product Design, VLFM Course, Department of 2011 Industrial Management and Engineering, IIT Kanpur

2009 A short term course (Three Weeks), Indian Folk and Tribal Art, Design Factory, Aalto University, Helsinki, Finland

INVITED LECTURES

2021 Session Speaker for a 5 days Executive Development Programme titled 'Quantitative Tools for Qualitative Research in Planning and Design' organized by Manipal University Jaipur Dec 6 -10

2020 Invited talk, Shatarupa Thakurta Roy "Thematic Analysis of Ramayana Narrative Scroll Paintings; A Need for Knowledge Preservation", Department of Fine Arts, Amity University Kolkata. October 2020

2018 Invited speaker, Panellist, Ganges Art Gallery, Identity of Women: Perspectives seminar on the 26th September 2018.

2015 Expert speaker, 'Dharohar', Workshop on Craft and Skill Development for Sustainable Design, IIT Roorkee, 16th-18th August 2015

2014 Invited Talk 'Basic Design, Creative Workshop and Architectural Design', Department of Architecture & Planning, Indian Institute of Technology Roorkee, Uttarakhand, India

2014 Invited Talk 'Sustainability of a culture: with specific reference to the Folk art tradition of Orissa, Bengal, Bihar, Jharkhand and Madhya Pradesh', Architecture Department, School of Planning and Architecture New Delhi. 15th September 2014

AWARDS AND HONOURS

2021 Award for Mentorship: Team "*Makersclan*" won 'Toycathon 2021' for designing an educational board game 'CheMystery' under the theme of "Learning, Education and Schooling" jointly launched by the Ministry of Education, Ministry of Women & Child Development, Ministry of Micro Small and Medium Enterprises, Department for Promotion of Industry and Internal Trade, Ministry Of Textiles, Ministry of Information & Broadcasting and AICTE, Government of India on January 5, 2021

2011 Best Paper Award, NaCoMM 2011, for the paper titled *User Centric Designed Mechanism for Stairs-Climbing Wheelchair (Manual)'* Co-Author: J Ramkumar & Shanu Sharma

1997 Selected under National Scholarship Scheme on the basis of performance in BFA, Ministry of Human Resource Development (Department of Education), Government of India, 1997-1998

INVITED TO RESIDENCY PROGRAMMES

2016 Invited as an Artist-in-residence at Art Ichol, Maihar. 6th - 15th October 2016 for a collaborative project titled 'Disappearing Dialogues'.

In 2016 I was selected as one of the artist participants in Art Ichol's "Disappearing Dialogues" a multi-media, interactive exhibition, curated by Nobina Gupta. The project has been supported by Madhya Pradesh Tourism (State Government of MP, INDIA) and Arts Ananda Trust. Introducing a diverse range of artworks created in collaboration with local communities of Madhya Pradesh and fourteen Indian and international artists including me. The project commenced at areas of *Maihar, Satna, Rewa, Panna, Madhai, Umaria, Ucchera, Janwaar, Bharhut, Sukhana, Khajuraho and Govindgarh* aiming at kindling a creative impulse that encourages better livelihood, by exploring cultural essentials of various indigenous communities. Conceptualized as a discourse, it nurtured the promises to value the nuances of cultural diversities, still within our reach, yet rapidly succumbing to the insecurities of being.
https://youtu.be/q9KaMQx11bo

2014 Invited as a Scholar-in-residence, May-June 2014, Indian Institute of Technology Gandhinagar
https://www.iitgn.ac.in/pdf/connections/Vol6-Issue4.pdf (Page.2)

RECOGNITION FOR TEACHING

Received Letters of Appreciation from the Chairman, Senate, Indian institute of Technology Kanpur as a recognition for good teaching based on course evaluation by UG & PG students in the following semesters.

2009-10 Semester 1 DES 601 DESIGN THEORY
2009-10 Semester 2 DES 682 DESIGN PROJECT I
2011-12 Semester 2 ART 102 INTRODUCTION TO ART CRITICISM & APPRECIATION
2012-13 Semester 2 ART 106 ELEMENTS OF VISUAL REPRESENTATION
2012-13 Semester 1 ART 106 ELEMENTS OF VISUAL REPRESENTATION
2013-14 Semester 1 ART 106 ELEMENTS OF VISUAL REPRESENTATION
2015-16 Semester 1 DES 601 DESIGN THEORY
2016-17 Semester 1 DES 601 DESIGN THEORY
2018-19 Semester 1 ART 406 ART CRITICISM: THEORY AND PRACTICE
2020-21 Semester 1 ART 106 ELEMENTS OF VISUAL REPRESENTATION

OTHER KEY ACADEMIC MERITS

EVALUATIONS

2014- Evaluated doctoral and master's dissertation thesis in Art and Design domains and served in the 2022 doctoral dissertation committees for internal and external doctoral candidates.

2011-2022 Served as expert evaluator of faculty applications, discipline of Fine Arts in the Department of Humanities and Social Sciences, IIT Kanpur

EDITORSHIPS & REFEREE FOR SCIENTIFIC PUBLICATIONS

2022- Guest Editor : Design for All Institute of India April 2022 Vol-17 No-4 April 2022 Vol-17 No-4

2016 Guest Editor, Design for All India, March 2016 issue. http://www.designforall.in/newslettermar2016.pdf

2012 Associate Editor, The International Journal of Architectonic, Spatial and Environmental Design, Volume-10, 2012. Design Principles and Practices http://agingandsociety.com/assets/pdf/Design_Collection_new.pdf

2011 Associate Editor in Volume 5, Issue 3 of Design Principles and Practices: An International Journal.

2018 Reviewed Articles for Textile Research Journal SAGE Publishing

ORGANISING SCIENTIFIC CONFERENCES

2019 Organizing Committee, Student Design Consortium, India HCI 2019 on Human Computer Interaction November 1-3 2019, Indian Institute of Technology Hyderabad.

2019 Organized Research Scholars' Day - 2019 in the Department of Humanities and Social Sciences, Indian Institute of Technology Kanpur, March 2-3, 2019

INVITED INTERNATIONAL LECTURES

2015 ICCVAD 2015 Paris, "Communication, Visual Arts and Design" International Science Council, April27-28 Paris, Session 1: Chair: Shatarupa Thakurta Roy, Yasmine Kadoum

2009 A short term course (Three Weeks), Indian Folk and Tribal Art, Design Factory, Aalto University, Helsinki, Finland

ADMINISTRATION

Administrative and working group positions, community roles at Indian Institute of Technology Kanpur

2018-2019 Convener, Departmental Post Graduate Committee, Dept of HSS, IIT Kanpur
2016 Coordinator, Institute Golden Jubilee Department Day Event, Design Prog. IIT Kanpur
2016 Coordinator, Reunion of Design Programme, IIT Kanpur
2015-2016 Discipline Convener, Fine Arts, Dept of HSS, IIT Kanpur
2014-2015 In-Charge, Fine Arts Studio, Dept of HSS, IIT Kanpur
2014-2015 Discipline Convener, Fine Arts, Dept of HSS, IIT Kanpur
2014-2015 Convenor of Library Committee, Design Prog, IIT Kanpur
2014-2015 Member of Senate Library Committee
2014-2016 Warden In-Charge GH Tower, IIT Kanpur
2014-2016 Warden New RA Tower, IIT Kanpur
2013-2014 Convenor, Student's International Exchange Programme, Design Prog, IIT Kanpur
2012-2013 Convenor, Programme Finance Committee, Design Programme, IIT Kanpur
2011-2012 Faculty In-Charge Visual Communication Studio, Design Prog, IIT Kanpur
2010-2011 Member of Department Space Committee, Dept of HSS, IIT Kanpur
2010-2011 Convenor, Department Computer Committee Dept of HSS, IIT Kanpur
2010-2012 Coordinator, ADEX, Annual Design Exposition of Design Programme, IIT Kanpur
2009-2010 Convenor, Department Web Committee, Dept of HSS, IIT Kanpur
2009-2010 Warden In-Charge Girls Hostel – II, IIT Kanpur

SCIENTIFIC AND SOCIAL IMPACT

KNOWLEDGE DISSEMINATION AND EDUCATION OUTREACH

2015 ELEMENTS OF VISUAL REPRESENTATION
https://onlinecourses.nptel.ac.in/noc15_hs16/preview

2016 FOLK AND MINOR ART IN INDIA
http://nptel.ac.in/noc/IndividualCourse/Syllabus/noc16-hs13

Two courses have been offered multiple times over the national MOOCs platform called SWAYAM under NPTEL Online Certification Programme. Students can enrol into these courses free of any cost. The total enrolment over the years has been 1000+ learners. These two courses have been telecasted over the Swayam Prabha DTH Television Channel Network of Ministry of Education, nationwide several times since 2016.

PATENT

2011 Indian Patent No.: 238758, Dated 09.11.11, STAIR CLIMBING WHEEL CHAIR. Patent Holders Dr.Shatarupa Thakurta Roy, Dr.J.Ramkumar, Dr.Shanu Sharma

OTHER MERITS

PAINTINGS DURING THE LAST TWO YEARS

https://home.iitk.ac.in/~stroy/#sidebar

In my paintings I present a realm of reality, imagination, sense and subconsciousness. I juxtapose objects from my surroundings with due interpretation, translation and transformation to make meaningful visual connotations. In most occasions I try to present reality with its inherent fantasy. There are moments in our lives that are more magical than magic. I try to capture those fleeting moments and mundane emotions explicitly in my artworks.

ART EXHIBITIONS

2022 Invited Solo Exhibition of paintings at the Goa International Centre (Scheduled in December)
2020 Colour of She- A group exhibition, Altamira Art Gallery, 5-8 March 2020, Kolkata
2019 A Curated Group Show, 360 degree, Gaganendra Shilpa Pradarshanshala, 18-22 July Kolkata
2017 Disappearing Dialogues by Art Ichol, Thursday, 23rd November, Bikaner House, New Delhi
2009 Solo Exhibition in Design Factory, Otaniami, Espoo, Finland. Sponsored by TKK June
2008 Solo Exhibition, Outreach Centre, Hall of Fame, IITK November
2001 Avantika National Exhibition, New Delhi and Jaipur
2000 Exhibition Organized by Saga Art Collage, Japan
1999 Annual exhibition of Birla Academy of Fine Arts & Culture, Kolkata
1998 Annual exhibition of Birla Academy of Fine Arts & Culture, Kolkata
1997 Annual exhibition of Birla Academy of Fine Arts & Culture, Kolkata
1998 Annual exhibition of Prints, All India Fine Arts and Craft Society (AIFACS), New Delhi
1998 An Exhibition organized by Lalit Kala Academy, Calcutta Information Center
1998 An Exhibition organized by Lalit Kala Academy, Nandan, Shantiniketan
1998 Camlin Art Material Awareness Camp and Exhibition, Shantiniketan
1997 A group Show at Birla Academy of Fine Arts & Culture, Kolkata
1997 Metropolitan Art Fair, Kolkata
1997 Artists Camp and Exhibition, Birbhum Jila Chatra Yuva Utsav, Bolpur
1996 Birla Academy of Fine Arts & Culture, Kolkata organized by the Oriental Association of India
1996 Eastern Zonal Biennial of prints, Lalit Kala Academy, Kolkata
1995 A group Show at Academy of Fine Arts, Kolkata