

TANYA BISHT

ECONOMICS RESEARCHER | EDUCATION & POLICY RESEARCH

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SUMMARY

Research-driven Economics professional with expertise in curriculum development, academic content evaluation, and data analysis. Experienced in reviewing and enhancing large-scale digital learning resources for national education initiatives at NCERT, ensuring academic accuracy, curriculum alignment, and pedagogical effectiveness. Adept at conducting economic research, analysing educational data, and developing curriculum-aligned learning materials. Proficient in R, STATA, SPSS, Excel, and Power BI, with a strong ability to translate complex economic concepts into structured and accessible educational content.

TECHNICAL SKILLS

- Economic Research & Data Analysis
- Curriculum Development & Academic Content Review
- Educational Content Quality Assurance
- Research Methodology
- DIKSHA E-content Review, Mapping & Uploading
- Academic Writing & Documentation
- Curriculum Alignment (NEP 2020 & NCF-SE 2023)
- Educational Data Analysis & Interpretation
- Assessment & Question Design
- Learning Content Development

SOFTWARE SKILLS

- R Programming
- STATA
- SPSS
- Power BI
- Microsoft Excel
- Microsoft Powerpoint

PROFESSIONAL EXPERIENCE

Junior Project Fellow (Economics) **Dec 2024 - Present**
NCERT – National Council of Educational Research and Training

- Contributing to the development of syllabi and textbooks in Economics for Grades 9–12, aligned with NEP 2020 and NCF-SE 2023.
- Supporting academic research by updating textbook data and content from authorised sources and assisting in drafting content for selected topics.
- Providing academic inputs including chapter reviews, development of questions and learning activities, and sourcing relevant infographics and visual learning materials.
- Conducting comparative analysis of state textbooks with NCERT textbooks to evaluate curriculum alignment (analysis completed for 3 states).
- Analysing historical data trends in the Indian Economic Development (Grade 11) textbook, examining updates in data, graphs, charts, and content revisions from 2005–2025.
- Contributing to the development of Teachers’ Handbook for the Middle Stage and assisting in the creation of a Bridge Programme in Economics for Grade 11.

Project Contribution: PM eVidya – DIKSHA (One Nation One Digital Platform)

- Reviewed 17+ secondary-stage e-books for academic quality and curriculum alignment.
- Developed 10+ learning activities for foundational stage learners.
- Uploaded 360+ digital resources and mapped 520+ e-content modules on the DIKSHA portal.
- Supported development of the Personalised Adaptive Learning portal for secondary-level students.

Resource Person (Economics) **Oct 2024 - Nov 2024**
CIET, NCERT

- Reviewed 350+ Grade 11 and 290+ Grade 12 Economics e-content modules on the DIKSHA platform for academic accuracy, curriculum alignment, language clarity, and pedagogical relevance.
- Conducted quality checks of digital learning resources and provided structured feedback to improve instructional effectiveness.
- Recommended content revisions and enhancements to strengthen learning outcomes and content accessibility.

Research Intern

Aug 2024 - Dec 2024

Neo Kinetic Services (now Salesable)

- Worked on data validation and research projects, ensuring accuracy and reliability of datasets used in research tasks.
- Conducted secondary research and data verification to support analytical projects.

Freelance Academic Writer (Economics)

July 2024 - Dec 2024

Paperpedia Private Limited

- Delivered academic solutions and research-based content for economics assignments and projects.
- Assisted students with data analysis, research methodology, and economic concept explanations.

EDUCATION

Master's in Economics

2022 - 2024

Guru Gobind Singh Indraprastha University || CGPA: 8.63

Bachelor of Arts (Hons.) Economics

2019 - 2022

Vivekananda Institute of Professional Studies, GGSIPU || CGPA: 9.62

University Rank: 4

RESEARCH & ACADEMIC WORK

Dissertation:

Impact of Globalization and Environmental Degradation on Human Development: A Panel Data Analysis of G20 Nations | 2024

- Conducted panel data analysis to examine the relationship between globalization, environmental degradation, and human development indicators across G20 countries.

Research Paper: Online Learning in the Wake of COVID-19 | 2023

- Analysed the impact of the pandemic on digital education and learning accessibility.

Research Paper: Happiness Index Report 2019 | 2023

- Performed data analysis using STATA to examine factors influencing happiness levels across countries.

Research Paper: Analysis of Exports and Imports on Economic Growth in India | 2023

- Conducted time series analysis using STATA to study the relationship between India's trade performance and economic growth.

CERTIFICATIONS

- Analyzing and Visualizing Data with Microsoft Power BI
- R Programming with Statistics
- STATA - Introduction to Data Analysis
- Data Analysis using Microsoft Excel

LEADERSHIP & POSITIONS OF RESPONSIBILITY

- General Secretary, Encore - Economics Society, GGSIPU
- Sub-Head, Digital Creative Team - International Conference on Neoteric Tendencies in World Economy, Education and Employment
- Graphic Head, Kalaa - Fine Arts Society, VIPS
- Member, National Service Scheme (NSS), VIPS
- Head Girl, S.M. Arya Public School

ACHIEVEMENTS

- Secured University Rank 4 in B.A. (Hons.) Economics
- Awarded trophy and scholarship for academic excellence in Class X and XII
- Secured 3rd position in All India Camlin Colour Contest