

# RESUME



## Dr. Bibekananda Mishra

*Ph. D. (Industrial and Systems Engineering) IIT Kharagpur*

*M. Tech. (Industrial Design) NIT, Bhopal*

*B.Tech. (Mechanical Engineering) VSSUT, Burla*

**National Institute of Technology Rourkela, India**



<b>Affiliation</b>	<b>Assistant Professor (Ad hoc)</b> <b>School of Management</b> <b>National Institute of Technology Rourkela</b> Rourkela – 769 008, India
<b>Contact</b>	<p><b>Phone:</b> +91 9735308423</p> <p><b>E-mail:</b> <a href="mailto:mishrabibekananda@nitkl.ac.in">mishrabibekananda@nitkl.ac.in</a>, <a href="mailto:bibekanandauc08@gmail.com">bibekanandauc08@gmail.com</a></p> <p><b>Mobile:</b> +91-9437865171</p> <p><b>Home Page:</b> <a href="https://www.nitkl.ac.in/SM/~mishrabibekananda/">https://www.nitkl.ac.in/SM/~mishrabibekananda/</a></p> <p><b>Google Scholar:</b> <a href="https://scholar.google.com/citations?user=dbdktQsAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=dbdktQsAAAAJ&amp;hl=en&amp;oi=ao</a></p> <p><b>ORCID ID:</b> <a href="https://orcid.org/0000-0001-5246-4075">https://orcid.org/0000-0001-5246-4075</a></p> <p><b>Scopus ID:</b> 57215663833</p>
<b>Nationality</b>	Indian
<b>Date of Birth</b>	5 <sup>th</sup> July 1985
<b>Aadhaar/UID No.</b>	3718 0070 9376
<b>Areas of Interest</b>	<ul style="list-style-type: none"> <li>❖ Servitization</li> <li>❖ Operations Management</li> <li>❖ Total Quality Management and Six Sigma</li> <li>❖ Business Research Methodology</li> <li>❖ Service Operations Management</li> <li>❖ Strategic Procurement</li> <li>❖ Project Management</li> <li>❖ Lean Manufacturing</li> <li>❖ Operations Research</li> <li>❖ Industry: Small and Medium Enterprises (SMEs), Manufacturing, Automobile, MSME, Education, R&amp;D, Infrastructure</li> </ul>
<b>Professional Associations</b>	<ul style="list-style-type: none"> <li>❖ Production and Operation Management Society, USA [30951]</li> <li>❖ Institute of Industrial and Systems Engineering, USA [880177659]</li> <li>❖ Indian Society for Technical Education [LM-71106]</li> </ul>

<p><b>Achievements &amp; Professional Contributions</b></p>	<ul style="list-style-type: none"> <li>❖ <b><u>Publications have appeared in high impact factor journals as per Web of Science and “A” and “B” rated journals as per ABDC ranking</u></b></li> <li>❖ <b><u>Acted as a Reviewer to the following Journals</u></b> <ol style="list-style-type: none"> <li>1. International Journal of Production Research (IJPR)</li> <li>2. International Journal of Productivity and Performance Management (IJPPM)</li> <li>3. International Journal of Quality &amp; Reliability Management (IJQRM)</li> <li>4. Journal of the International Council for Small Business (JICSB)</li> <li>5. Journal of Retailing and Consumer Services (JRCS)</li> <li>6. Millennial Asia</li> <li>7. OPSEARCH</li> </ol> </li> <li>❖ Presented a Technical Paper titled “A quantifiable quality enabled servitization model: Benchmarking Indian Automobile manufacturers” at the Doctoral Colloquium and Research Scholars’ Day organized jointly by the Department of Industrial &amp; Systems Engineering and Institute of Industrial and Systems Engineering (IISE), IIT Kharagpur Student Chapter (#660) during February 15 – 16, 2019.</li> <li>❖ Presented a Technical Paper titled “Literature Review on Servitization and Key issues for Automobile Industry” in the Doctoral Colloquium and Research Scholars’ Day organized jointly by the Department of Industrial &amp; Systems Engineering and the Institute of Industrial and Systems Engineering (IISE), IIT Kharagpur Student Chapter (#660) during March 24 – 25, 2017.</li> <li>❖ Qualified GATE examination in 2011, 2012, 2013, 2014, and 2015.</li> <li>❖ Got MHRD Scholarship for pursuing M. Tech. at NIT Bhopal from 2012 to 2014</li> <li>❖ Got MHRD Scholarship for pursuing Ph.D. at IIT Kharagpur from 2016 to 2020</li> <li>❖ Achieved Gold Award for Institute of Industrial and Systems Engineering (IISE), IIT Kharagpur Student Chapter (#660) in the year 2019</li> <li>❖ Got many more scholarships such as NRTS, NTS, etc. during the School level</li> </ul>
---	---

**Educational Qualifications**

Examination Passed	University/ Board	Year of Passing	CGPA/ %	Subjects/ Discipline
<b>Doctor of Philosophy (Ph.D.)</b>	Indian Institute of Technology Kharagpur ( <b>IIT Kharagpur</b> )	2024	-	Servitization/ Industrial and Systems Engineering
<b>Master of Technology (M. Tech.)</b>	Maulana Azad National Institute of Technology ( <b>NIT</b> ), Bhopal	2014	9.49 CGPA	Industrial Design
<b>Bachelor of Technology (B. Tech)</b>	Veer Surendra Sai University of Technology, Burla	2008	7.28 CGPA	Mechanical Engineering
<b>CHSE (12<sup>th</sup> Standard)</b>	Govt’ College, Dhenkanal/ CHSE, Odisha	2002	81.55%	Science
<b>HSC (10<sup>th</sup> Standard)</b>	B. B. High School, Dhenkanal/ BSE, Odisha	2000	88.40%	Math, Science, Social Science, Languages

## Work Experience (Total: 17 Years)

S. No.	Employees Name	Department	Position Acquired	From	To	Nature of Work
1.	National Institute of Technology Rourkela	School of Management	Assistant Professor	11-07-2025	Till date	Teaching, Research & Consulting
2.	FLAME University, Pune	Operations and Analytics	Post-Doctoral Research Fellow	06-03-2024	30-06-2025	Research
3.	Indian Institute of Technology Kharagpur	Industrial and Systems Engineering	Research Scholar and Teaching Assistant	31-12-2015	29-12-2023	Research and Laboratory Demonstration
4.	Gandhi Engineering College, Bhubaneswar	Mechanical Engineering	Assistant Professor	25-07-2014	30-12-2015	Teaching and Lab In charge, Mentoring
5.	Synergy Institute of Engineering and Technology, Dhenkanal	Mechanical Engineering	Lecturer	01-09-2008	30-06-2011	Teaching and Lab In charge, Mentoring

### Subjects Taught at NIT Rourkela

- ❖ Total Quality Management and Six Sigma
- ❖ Service Operations Management
- ❖ Business Research Methodology
- ❖ Strategic Procurement

### List of Publications (in SCI/ SCOPUS Listed Journals)

1. **Mishra, B.**, Mahanty, B., & Thakkar, J. J. (2021). A quantifiable quality enabled servitisation model: benchmarking Indian automobile manufacturers. *International Journal of Production Research*, 59(9), 2667-2689. DOI:10.1080/00207543.2020.1736721
2. Mishra, T., & **Mishra, B.** (2026). Policy, gender and power gaps: mapping performance barriers among Indian women handloom micro-entrepreneurs. *International Journal of Productivity and Performance Management*, 1 – 25.  
DOI: <https://doi.org/10.1108/IJPPM-08-2025-0798>
3. **Mishra, B.**, Mahanty, B., & Thakkar, J. J. (2026). Revisiting the barriers of servitization with causality: Insights from Indian automobile industry (*Working Paper*).
4. **Mishra, B.**, Mahanty, B., & Thakkar, J. J. (2026). Unlocking Servitization Success in Automobile Manufacturing Sector: A Strategic Perspective (*Working Paper*).
5. Mishra, T., & **Mishra, B.** (2026). Mapping Multi-Level Performance Barriers in Emerging Market Weaving MSMEs: A Strategic Resilience Framework (*Working Paper*).

## Book Chapter

1. Pulok Ranjan Mohanta, **Bibekananda Mishra**, & Biswajit Mahanty (2022). Application of Industry 4.0 in Sustainability of Servitized Manufacturer. Application of Engineering, Technology, Management for Sustainable Manufacturing Sector, 1, 38-60, World Leadership Academy. ISSN: 978-93-94318-00-7.

## Papers Presented in Conferences

1. **Mishra, B.**, Mahanty, B., & Thakkar, J. J. (2023). The failure modes of servitization of manufacturing industry; A perspective from Indian automobile industry. POMS India International Conference 2023, organized by POMS India Chapter, held at XLRI Jamshedpur from 4- 6 December, 2023.
2. **Bibekananda Mishra**, Vilas Warudkar (2013). Service development using QFD Methodology: A case study of library. National Conference on Frontiers in Mechanical Engineering (FIME -2013), August 29 – 31.

## Training

- ❖ New Product development using Systems Engineering Principles, **MHRD TEQIP II sponsored Short-Term Course (3 days)**, Mar 2017, Organized by Dept. of Industrial and Systems Engineering, IIT Kharagpur, West Bengal, India.
- ❖ Preparing Young Researchers, **MHRD TEQIP II Workshop (2days)**, Mar 2014, Organized by Dept. of Mechanical Engineering, MANIT, Bhopal, Madhya Pradesh, India.
- ❖ Recent Advancements in Product Innovations and Design (RAPID-2014), **MHRD TEQIP II Short Term Training Program (5 days)**, Feb 2014, Organized by Dept. of Mechanical Engineering, MANIT, Bhopal, Madhya Pradesh, India.
- ❖ Engineering Mechanics, **ISTE Workshop (2 weeks)**, Nov 2013 - Dec 2013, Conducted by IIT Bombay held under the National Mission on Education through ICT (MHRD) at MANIT, Bhopal, Madhya Pradesh, India.
- ❖ CATIA and ANSYS, **Workshop (2 days)**, Mar 2013, Organized by MANIT, Bhopal, Madhya Pradesh, India.
- ❖ Solid Works & CAM Works, **National Workshop (1 day)**, Mar 2011, Organized by Synergy Institute of Engineering & Technology, Dhenkanal, Odisha, India.
- ❖ Advances in Planning & Quality Control in Manufacturing & Service Organization, **Staff Development Programme (13 days)**, Jul 2009, Organized by Synergy Institute of Engineering & Technology, Dhenkanal, Odisha, India.
- ❖ Robotics & Its Application, **National Workshop (2 days)**, Jan 2009, Organized by Synergy Institute of Engineering & Technology, Dhenkanal, Odisha, India.
- ❖ MATLAB and Engineering Application, **National Workshop (2 days)**, Dec 2008, Organized by Synergy Institute of Engineering & Technology, Dhenkanal, Odisha, India.
- ❖ PRO-ENGINEER and CNC Machining, **Vocational Training (1 Month)**, May 2006, Organized by CTTC, Bhubaneswar, Odisha, India.

## Skills

Servitization, Operation Management, Six Sigma, Project Management, MS Office, Power Point Presentation, Excel Sheet, ARENA, Venism, Stella, iThink, NVivo, Minitab, IBM SPSS, SmartPLS, Matlab, Pro-E, CREO, Solid Edge, VOS Viewer, Mendeley, Referencing Softwares

## Languages (read, write, speak)

English, Hindi, Odia

## Qualities

- ❖ Works on projects with cross-functional teams
- ❖ Hard working, adaptable, flexible, sincere and responsible person
- ❖ A good team player as well as a Team Leader
- ❖ Innovative and creative on work field

## Hobbies

- ❖ Research article reading
- ❖ New Technology Learning
- ❖ Web surfing, Yoga, Cycling

## Personal Info

Office Address	Room No: 306 School of Management Bio Medicals Building National Institute of Technology Rourkela Rourkela, Odisha, India - 769008
Permanent Address	Lane 3, Trinath Nagar Shyamacharanpur Dhenkanal, Odisha, India - 759001
PAN	CPBPM2225R
Marital Status	Married
Spouse Name	Lipsa Jena
Father Name	Mr. Biranchi Narayan Mishra
Mother Name	Mrs. Basanta Manjari Mishra
Child Name	Saswat Mishra (Son)
Mobile	+91 9735308423, +91 9437865171
Emails	<a href="mailto:bibekanandauce08@gmail.com">bibekanandauce08@gmail.com</a> <a href="mailto:mishrabibekananda@nitkl.ac.in">mishrabibekananda@nitkl.ac.in</a> <a href="mailto:bibekananda.mishra@flame.edu.in">bibekananda.mishra@flame.edu.in</a>

## References

**Prof. Biswajit Mahanty**

Professor

Department of Industrial and Systems Engineering

IIT Kharagpur, Kharagpur, West Bengal 721302

**Email:** [bm@hijli.iitkgp.ac.in](mailto:bm@hijli.iitkgp.ac.in)

**Mobil:** 9434704873

**Prof. Jitesh J. Thakkar**

Professor and Dean (Academics)

School of Management

Gati Shakti Vishwavidyalaya, Vadodara

Lalbaug, Vadodara, Gujarat 390004

**Email:** [jitesh.thakkar@gsv.ac.in](mailto:jitesh.thakkar@gsv.ac.in)

**Mobile:** 8001438700

**Prof. Chandan Kumar Sahoo**

Professor and Head

School of Management

NIT Rourkela, Rourkela, Odisha 769008

**Email:** [sahooc@nitrkl.ac.in](mailto:sahooc@nitrkl.ac.in)

**Mobile:** 8327700918

I hereby declare that the information provided by me is true and correct.

(Bibekananda Mishra)