

## CURRICULAM VITAE

**Name:** ASHOK KUMAR JHA

**Fathers Name:** Dr. Daya Kant Jha

**Present Position:** Associate Professor

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**Date of Birth :** 1/2/1962

**Present Address :** MA-17, New M type

Housing Colony, Adityapur,

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### Educational Qualification

S. No.	Degree	University	Year	Percentage
1.	Ph.D.	Jadavpur University, Kolkata	2018	
2.	M.Tech. in Mechanical Engineering specializations Production Science and Technology	I.I.T. Kharagpur	1987	6.18
3.	B.E. Mechanical Engineering	V.N.I.T. Nagpur (formerly VRCE) Nagpur University	1983	58.74

**Ph.D. Thesis Topic :** Mathematical Modelling for System Dynamics, Simulation and Experimental verification of a SCARA Types SCORA-ER 14 Robot

**M.Tech Thesis Topic :** A Study on Robot based spot welding system.

**Research Interest :** CAD/CAM/Robotics, Manufacturing Engineering.

### Research Publications:

ORCID ID: <http://www.orcid.org/0000-0002-1893-4026>

Google Scholar ID: <http://scholar.google.co.in/citations?user=IYMTf5MAAAAJ>

Researcher/PublOn/Web of Science ID: <http://www.researcherid.com/rid/3139448>

### International Journal

- 1) A.K. Jha, A.K. Dutta, J. Saha, Feedback control system of SCORA-ER 14 robot in Simulink platform in IJIRAE Journal, Vol. 1, Issue 4, May 2014.

- 2) A.K. Jha, A.K. Dutta, J. Saha, Analysis of Dynamics of SCORA-ER 14 robot in MATLAB in IJIRAE journal, Vol. 1, Issue 4, May 2014.
- 3) A.K. Jha, P.P. Roy, A.K. Dutta, J. Saha, Modelling and Simulation of SCORA-ER 14 robot in ADAMS platform in IJETR, Vol. 2, Issue 7, July 2014.

#### **International Conferences**

1. A.K. Jha, Anjani Kumar, A review on the selection criteria for grippers in intelligent robot application- A knowledge based system, International symposium on intelligent based materials and manufacturing, ISIMM-2005, August 18-2005, B.I.T. Mesra, Ranchi.
2. Participated in 2<sup>nd</sup> world submit on Accreditation organized by National Board of Accreditation during March 8-10, 2014 at New Delhi.

#### **National Conferences**

1. Rahul Paith, A.K. Jha, Anjani Kumar, A review on the effective utilization of industrial robots – A job and skills analysis approach, Dec 10-11, 2005, Institution of Engineers and B.I.T. Mesra, Ranchi.
2. Arunav Banerjee, A.K. Jha, Just in time manufacturing- A pre requisite for lean manufacturing in National workshop in lean manufacturing implementation by Indian Institution of Production Engineering (Jharkhand Chapter) and B.I.T. Mesra, Ranchi, 8-9 Sept. 2006.
3. Arunav Banerjee, A.K. Jha, Radio frequency identification based manufacturing and distribution- An exploratory review in National Seminar in Best Practices in Manufacturing by Institution of Engineers and B.I.T. Mesra, Ranchi, 9-10 Dec. 2006.
4. A.K. Jha; Application of Robot manipulator in mine clearance capability, in National Workshop on Cleaner Production for Sustainable Development: Status, Challenges, Opportunities and Vision, 8-9 December, 2007 by TEQIP, IIPE, BIT Mesra & BIT Sindri.
5. Attended Two days national workshop on micromachining and Nano fabrication held at Production Engineering department, Jadavpur University, Kolkata during August 29<sup>th</sup> – 30<sup>th</sup> 2008.
6. A.K. Jha, B.K. Halder, A.K. Dutta, J. Saha, Kinematic analysis of SCORA-ER 14 robot in National conference RAMTAM 19-20 Feb 2010, Production Engineering Department, Jadavpur University, Kolkata.
7. G.K. Chandra, A.K. Jha, Human Factor affect the ERP implementation in National Seminar on Advancements in Production and operations Management, 4-5 May 2013 at MNIT Jaipur.
8. B. Sharma, A.K. Jha, Linear Programing model for joint production and preventive maintenance system in All India Seminar Recent Advancement in Manufacturing and its Management (RAMM-14), Oraganized by the Institution of Engineers, Dhanbad center and B.I.T. Sindri on Feb. 7-8, 2014.
9. Sunneti Mohanty, Kanika Prasad, Ashok Kumar Jha, Development of Software prototype for green root type selection in national conference on renewable energy and environmental (NCREEC 2018), 26-27 February, 2018, NIT Jamshedpur, Jharkhand

### Teaching Experience

Position Held	Institution	From	To	Nature of Job
Research Fellow on Robotics in Mechanical Engineering	IIT Delhi	1987	1990	Research Work
Assistant Professor in Mechanical Engineering	B.I.T. Mesra, Ranchi	1/10/1990	20/03/1997	Teaching
Associate Professor in Production and Industrial Engineering	N.I.T. Jamshedpur	21/03/1997	Onwards	Teaching

### Member of Professional Academic Bodies

1. Life Member of Indian Society for Technical Education, New Delhi.
2. Life Fellow member of Indian Institution of Production Engineers, Bangalore.

### Management and Institutional developments elements

1. Incharge of CAD/CAM Lab and Machining Lab
2. Member of coordination committee of Production and Industrial Engineering group
3. Member of Department Academic committee, Purchase committee, Board of studies, Accreditation work
4. Faculty Advisor from 2004 for UG/PG courses.