CURRICULUM-VITAE

ANURAG ANAND
S/O – A.K.Srivastava
Q.No.- RK1-203, Sindri, Dhanbad,
Jharkhand - 828122
Email : anurag2k87@gmail.com
Contact : +91 –8789079103, 8986730530



Career Objective

Seeking a challenging and rewarding opportunity with an organization of repute which recognizes my true potential and effectively utilizes / nurtures my excellent analytical and technical skills

Professional Experience

- Worked as **Sr. Research Analyst** at **GMI Research Pvt. Ltd f**rom June 2019 to February 2020
- Worked as **Senior Research Analyst** at **Angel Analysts Research & Consulting** from Sep 2018 to May 2019
- 2.5 years of approx. working experience as **Part Time Lecturer from** Aug 2015 to Dec 2017 at **B.I.T Sindri, Dhanbad, Jharkhand, in Department of Production Engineering.**

Qualification

- **Pursuing Ph.D. in Department of Production & Industrial Engineering at BIT Sindri, Dhanbad, Jharkhand**
- **M.E.** in ***Automated Manufacturing System*** (***Production Engineering)*** from ***Birla Institute of Technology, Mesra*** in 2013 with CGPA 7.8
- **B. Tech** in ***Mechanical Engineering*** from Cambridge Institute of Technology, Ranchi, in 2010 with 66.4% and 7.6 CGPA.

Certifications / Certified Courses

- **Safety & Risk Analytics (NPTEL) from IIT Kharagpur**
- **Automation in Manufacturing (NPTEL) from IIT Guwahati**

Achievements:

1. **International Journals:** L. N. Pattanaik, Rajeev Kant and Anurag Anand, (2016), ***A Fuzzy based Need Assessment Model for Reconfigurable Manufacturing System***", *Journal of Manufacturing Technology Research*, Vol 7, No. 3-4 (ISSN:1943-8095) Scopus Indexed.
2. **International Conference:** Anurag Anand & Prakash Kumar presented paper entitled **"A Review on Design Consideration for Reconfigurable Manufacturing System"** in the International Conference held at MNIT Allahabad on 6-7 May 2022.
3. **International Conference:** Prakash Kumar and Anurag Anand, presented paper entitled **"*Model Based Fuzzy Logic Approach for Optimal Maintenance of Mine Hydraulic Excavators*"** in International Conference On Evolutions In Manufacturing: Technologies and Business Strategies for Global Competiveness (ISBN: 978-93-86256 – 11 – 9) in NOV 2016
4. **National Seminar**: Anurag Anand and L.N. Pattanaik, presented technical paper **entitled "Development of Need Assessment Model for Reconfigurable Manufacturing System"** in **All India Seminar on Technological Solution in Manufacturing in March 2013** at Birla Institute of Technology, Mesra, Ranchi.
5. **National Seminar:** Anurag Anand & Prakash Kumar presented technical paper entitled "**Design based Approach for Decision Making in Reconfigurable Manufacturing System** held at BIT Sindri in May 2025.
6. **Inter College Competition:** Presented an ***Automatic Traffic Controller System"*** model at C.I.T Ranchi on the eve of the Engineer's Day and worked as a team leader.

Technical Skills

1. **Core Area Skills**

➢ Fuzzy Logic and its Applications	➢ Market Research
➢ Forecasting Methodology	➢ Exposure to FlexSim Simulation
➢ AUTO CAD (2009, 2010, 2011,2012, 2017)	➢ Artificial Intelligence
➢ Reconfigurable Manufacturing System	➢ Soft Computing Methods
➢ Maintenance and Optimization strategy in different types of Mine Excavator	➢ Exposure to PRO-E
➢ COMSOL (4.1)	➢ Manufacturing Automation

Description of the Thesis Work

Title **Development of a Fuzzy Based Need Assessment Model for Reconfigurable Manufacturing System**

Details In the present work a need assessment model has been developed for RMS. The requirement of amount of reconfigurability for the manufacturer is not equal and hence "a need assessment is required before implementing a RMS. Based on the historical data of product types and volumes or future data for new manufacturing systems a need assessment is carried out to find the required reconfigurability in the system. A quantitative approach with respect to operation requirement for the parts over different time periods can be used to identify their maximum capabilities to satisfy the given demands. Finally, the required reconfigurability can be expressed with comparison to a new forecasted demand pattern.

Project Undertaken

Title **Cooling Tower & Its Latest Development**

Details Cooling towers are heat removal devices used to transfer process waste heat to the atmosphere. Cooling towers may either use the evaporation of water to remove process heat and cool the working fluid to near the wet-bulb air temperature or rely solely on air to cool the working fluid to near the dry-bulb air temperature. Common applications include cooling the circulating water used in oil refineries, chemical plants, power stations and building cooling, Cooling tower water management, Cooling tower efficiency, Conserve water by improving cooling tower efficiency and Recent development of cooling tower.

Academic Qualifications

Intermediate in Science

Jharkhand Academic Council - 58.8%

Matriculation

Central Board of Secondary Education (C.B.S.E); 54 %

Vocational Training and Certification

Name of Organization	P.T.P.S, Patratu, Jharkhand
Period	15 Days

Personal Profile

1. **Permanent Address*:*** Village + Post – Sondho, Dist.- Vaishali, State - Bihar
2. **Date of Birth**: 29th March 1987.
3. **Gender**: Male.
4. **Hobbies**: Learning, Continuous improvements in successive courses, Discussion on social and political issues.

Declaration

I hereby certify that all the particulars stated above are to the best of my knowledge and believe true and fair. For any misrepresentation or omission of fact I shall be personally liable

DATE :
PLACE :

SIGNATURE
ANURAG ANAND