CURRICULUM VITAE



Name: Dr. Viraj Tyagi

1. Present Employment:

Working as the Director, Bhagwant Institute of Technology Muzaffarnagar, Uttar Pradesh since 1st May 2019.

I am working in the capacity of Campus Director and looking after administration and academics of 7 Institutes offering different UG and PG programs (Engineering, Computer Applications, Management, Ayurveda, Pharmacy, Education, Nursing, and Paramedical).

2. Academic Qualifications:

- Ph.D. in Mechanical Engg. from National Institute of Technology, Kurukshetra, Haryana. *(2015)*

  Dissertation: "Integration of Manufacturing Planning Functions"

  Ph. D work was carried out under the supervision of Dr. Ajay Jain, Professor, NIT Kurukshetra, and Dr. P.K. Jain Professor, IIT Roorkee. Presently, Dr. P.K. Jain is the Director, IIT (BHU) Varanasi, Uttar Pradesh.

- M. Tech. in Mechanical (Production) Engg. From Guru Nanak Dev Engineering College Ludhiana (Punjab Technical University, Jalandhar), Punjab with 67.5 %, 1st Division *(2005)*

  Dissertation: "Meta-heuristic based Solution Methodology for a Loading Problem in Flexible Manufacturing System"

- B.E. in Mechanical Engg. from B. N. College of Engg., Pusad (Amravati University, Amravati), Maharashtra with 77.1 % (Distinction) and 2nd position in the University. Got silver medal for the outstanding performance *(1993)*
- Diploma in Mechanical Engg. From D.N. Polytechnic, Meerut (U.P Board of Technical Education, Lucknow) with 77.4 %, 1st Division *(1990)*
- Intermediate from St. Charles Inter College, Sardhana, Meerut (U. P. Board), 64.8%, 1st Division *(1987)*
- High School from St. Charles Inter College, Sardhana, Meerut (U. P. Board), 61.8%, 1st Division *(1985)*

3. Work Experience:

Details of Work Experience

S.N.	Organization	Worked as	Experience		Period (Years/ Months/Days)
			From	To	
1.	Jindal Strips Ltd. (Now, Jindal Stainless Ltd.) Hisar, Haryana	Executive Engineer	01-03-1994	26-03-1998	04 Years and 26 Days
2.	Haryana Engineering College, Jagadhri, Haryana	Lecturer, Asst. Professor and Head of Mechanical Engg. Dept.	15-09-1998	25-09-2007	09 Years and 11 Days
3.	Kurukshetra Institute of Technology & Management, Kurukshetra, Haryana	Asst. Professor, Associate Professor and Head of Mechanical Engg. Dept.	26-09-2007	23-09-2015	11 Years and 07 Months
		Principal, Director-Principal: Head of the Institute	24-09-2015	30-04-2019	
4.	Bhagwant Group of Institutions, Muzaffarnagar (UP)	Director: Head of the Campus	01-05-2019	Till date	02 Years and 10 Months
Total Experience (Approximate)					**27 Years**

- **Industry: 4 Years** at Jindal Strips Ltd. (Now Jindal Stainless Ltd.), Hisar (March 1994 to March 1998) a leading producer of steel in India.

  - Worked as the Executive Engineer at Hot Strip Rolling Mill (HSRM), used to produce strip coils of stainless steel and coils and flats of mild steel.
  - Looked after maintenance and production activities at HSRM.
  - Played a key role in the ISO certification of the plant.

- **Teaching: 23 Years**

  - Haryana Engineering College, Jagadhri, Haryana
  - Kurukshetra Institute of Technology and Management, Kurukshetra, Haryana
  - Bhagwant Institute of Technology, Muzaffarnagar, Uttar Pradesh

- **Administration: 17 Years** -

  - Head of Department, Department of Mechanical Engineering (10.5 years)

    I worked as the "Head of Department" for more than 10 years and had set-up the Department of Mechanical Engg. at Haryana Engineering College, Jagadhri and Kurukshetra Institute of Technology & Management, Kurukshetra.

  - Principal / Director - Principal / Director (6.5 years)

    I worked as the Principal / Director-Principal at Kurukshetra Institute of Technology & Management (KITM), Kurukshetra, (Haryana) from Sept. 2015 to April 2019.

    Presently, working as the Director, Bhagwant Institute of Technology, Muzaffarnagar, Uttar Pradesh since 1st May 2019. I am working in the capacity of Campus Director and looking after administration and academics of 7 Institutes offering different UG and PG programs (Engineering, Computer Applications, Management, Ayurveda, Pharmacy, Education, Nursing, and Paramedical).

- **Important Workshops/Conferences/Technical Symposiums organized**

  - Coordinator, Paper Presentation Committee, Azzaro-2004, 3rd National Technical Symposium, held at Haryana Engg. College, Jagadhri.
  - Convener, Azzaro-2005, 4th National Technical Symposium, held at Haryana Engg. College, Jagadhri.
  - Member, Advisory Committee, Azzaro 2006, 5th National Technical Symposium, held at Haryana Engg. College, Jagadhri.
  - Convener, Science & Technology Fest' 2008, held at Kurukshetra Institute of Technology & Management, Kurukshetra.
  - Convener, MUN KITM'12, a Model United Nations conference, 19th-20th Oct.2012, held in association with UN Information Centre for India and Bhutan, New Delhi at Kurukshetra Institute of Technology & Management, Kurukshetra.
  - Coordinator, ISTE Workshop on Fluid Mechanics, by Indian Institute of Technology, Kharagpur , 20th-30th May 2014, held under the National Mission on Education through ICT, MHRD, Govt. of India, at Kurukshetra Institute of Technology & Management, Kurukshetra.
  - Patron, National Workshop on "Recent Trends and Future Requirements of Professional Requirements" 4th-5th March 2022 at Bhagwant Group of Institutions, Muzaffarnagar.
  - Patron, National Seminar on "Women Empowerment", 8th March 2022 at Bhagwant Group of Institutions, Muzaffarnagar.

- **Important Workshops/Conferences/Short-Term Courses attended**

  - Attended one week program on "Hydraulics and Electro-Hydraulics", 15th-19thApril 1997, conducted by Indian Institute for Production Management at Jindal Strips Ltd. Hisar.
  - Attended a short-term training program on "AUTO CAD", 27th-30th Jan. 2004, conducted by Mechanical Engineering Department, National Institute of Technical Teachers' Training and Research, MHRD, Govt. of India, Chandigarh.
  - Attended one week program on "Technologies for Sustainable Development", 2nd-6th Jan. 2006, conducted by Rural Department, National Institute of Technical Teachers' Training and Research, MHRD, Govt. of India, Chandigarh.
  - Attended one week workshop on "Applied Soft Computing",11th-15th July 2006, held at Haryana Engineering College, Jagadhri, Yamunanagar
  - Attended "First International and 22nd All India Manufacturing Technology Design and Research (AIMTDR) Conference", 21st-23rd Dec. 2006, at Indian Institute of Technology, Roorkee.
  - Attended a short term training program on "ProModel Simulation Software", 9th-11th Dec. 2008, held at National Institute of Technology, Kurukshetra.
  - Attended "One-week ISTE Coordinators' Workshop on Fluid Mechanics", 11th-15th March 2014, held under the National Mission on Education through ICT, MHRD, Govt. of India, at Indian Institute of Technology, Kharagpur.

- **Important Assignments/Achievements during teaching career**

  - Worked as Assistant Superintendent, Deputy Superintendent, and Centre Superintendent in Kurukshetra University examinations.
  - Lecture delivered on **"Production Planning and Control"**, in Entrepreneurship Development Programme, organized by Ministry of MSME, Govt. of India, at KITM Kurukshetra, 16th November 2011.
  - Lecture delivered on **"Manufacturing Practices"**, in Entrepreneurship Development Programme, organized by Ministry of MSME, Govt. of India, at KITM, Kurukshetra, 27th September 2012.
  - Life Member of "Indian Society of Technical Education" (ISTE).
  - Worked as Member, Board of Studies, Kurukshetra University, Kurukshetra.
  - Worked as Member, Board of Governors, KITM, Kurukshetra.
  - Convener, "Anti-Ragging Committee" for about six years at KITM, Kurukshetra.
  - Worked at different positions in different committees at Institute as well as University level.
  - Got appreciation letters for outstanding performance in duties assigned.

4. List of Publications:

- Paper presented and published on "Effectiveness of flexible process plans over single process plans in a loading problem of flexible manufacturing system: A genetic algorithm-based approach", in one-week national workshop on Applied Soft Computing, held at Haryana Engineering College, Jagadhri, 25th-30th July 2005, pp. 119-124.
- Paper presented and published on "FMS loading in the presence of flexible process plans: A genetic algorithm-based approach", in First International and 22nd All India Manufacturing Technology Design and Research (AIMTDR) conference, held at IIT, Roorkee, 21st to 23rd Dec. 2006, pp. 697-702.
- Paper published on "Assessing the effectiveness of flexible process plans for loading and part type selection in FMS", in "Advances in Production Engineering & Management" a Scopus indexed International Journal, 2008, Vol. 3(1), pp. 27-44.
- Paper published on "An integrated production planning and scheduling framework for make-to-order environment", in Journal of Engineering and Technology, 2013, Vol. 3(2), pp. 124-129.
- Paper published on "Towards integrated manufacturing planning and control: A review and classification", in IUP Journal of Operations Management, 2013, Vol. 12(2), pp. 57-79.
- Paper published on "Loading methodology for a capacity constrained job-shop" in International Journal of Mechanical, Aerospace, Industrial, Mechatronics and Manufacturing Engineering, 2016, Vol. 10 (8), pp. 1472-1475.
- Paper published on "An integrated approach for multi-period manufacturing planning of job-shops" at International Journal of Manufacturing Research, Inderscience, a Scopus indexed journal, 2020, Vol. 15(2), pp. 148-180.

5. Personal Details:

Father's Name:	Sh. Ishwar Chand Tyagi
Date of Birth:	10th Sept. 1969
Correspondence Address:	#404, Akansha Heights Opposite Meerut One Meerut Bypass Road Meerut Uttar Pradesh – 250001
Belongs to:	VPO- Dinkarpur Dist. Muzaffarnagar Uttar Pradesh - 251318
Contact No.:	9896895576 (M)
Email:	vtyagi69@gmail.com