

CURRICULUM VITAE

SWARN PRAKASH MALL

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India - 273013
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CAREER OBJECTIVE:

To create maximum happiness for my family (which obviously includes my friends, colleagues, employer, and society) through the wholistic and natural process of growth & development in knowledge, skills, character, career & life.

WORK EXPERIENCE:

- | | | |
|---|---|---------------------------|
| 1. Research Experience | : | 4 years |
| 2. Teaching Experience (with Research) | : | 4 years (UG and PG Level) |
| 3. Teaching Experience | : | 1 year (Diploma Level) |
| 4. Industrial Experience | : | 9 months |
| 5. Freelance Experience | : | 7 years |
| 6. Design Software Teaching & Training Experience | : | ~10 years |
| Total Work Experience | : | 13 Years 7 Months |
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JOB PROFILES:

1. Working as **Assistant Professor** in Mechanical Engineering Department, **KIPM-College of Engineering and Technology, GIDA, Gorakhpur**
(March, 2023 – Present)
2. Worked as “**Freelance CAD Consultant**”
(**3 yrs. 10 months**: May, 2019 – March, 2023)
3. Worked as “**Research cum Teaching Fellow**” in **Madan Mohan Malaviya University of Technology**
(**4 years**: 13th July, 2015 – May, 2019)

Subjects Taught:

- Computer Aided Design {EME-701 of GBTU(now AKTU) and BME-42 of MMMUT}
- Kinematics of Machines (BME-17 of MMMUT)
- Principles of Industrial Engineering (BME-35 of MMMUT)

Lab Instructed:

- Computer Aided Design Lab (EME-751 of GBTU (now AKTU) and BME-42 of MMMUT)

- Machine Design Lab
- Advanced CAD Lab (M. Tech.)
- Workshop

Administrative / Departmental Responsibilities:

- Centre Supervisor, Entrance Exam - 2016, MMMUT, Gorakhpur
- Centre Supervisor, Entrance Exam - 2016, MMMUT, Gorakhpur
- Member, Department Training & Placement Cell (September, 2015)
- Member, UG Project Monitoring Committee (September, 2015)

4. Worked as “Freelance CAD Consultant”

(1 yrs. 9 months: Oct, 2013 – June, 2015)

5. Worked as “Lecturer” in Mechanical Engineering Department, Little Flower Polytechnic, Gorakhpur

(1 year: 20th Aug 2010 – 25th Aug 2011)

Subjects Taught : Applied Mechanics, Elements of Mechanical Engineering

Lab Sessions Instructed : Applied Mechanics Lab

6. Worked as “Freelance CAD Consultant”

(2 yrs. 3 months: June 2008 – Aug 2010)

7. As “EPC Engineer” in Reliance Engineering Associates (Pvt.) Ltd (A Subsidiary of Reliance Industries Limited)

(9 months: 4th Sep 2007 – 2nd June 2008)

Project:

EWPL (East West Pipe Line) A cross-country gas pipe line of 48” Dia, covering 1398 kms from Kakinada (Andhra Pradesh) to Bharuch (Gujrat) via Mumbai.

Achievements:

- Worked in Project HO, Navi Mumbai for 2 ½ months
- Selected for working on Site (7 Districts of Maharashtra and Gujrat) for 3 months
- Worked in Central Maintenance Workshop, Raigad, Maharashtra for 3 months
- Selected for Hands-on Crash Course of Primavera Project Planner 3.1
- Selected for Hands-on Crash Course of SAP (MM Module)

Job Profile:

- In Project HO:
Planning for mobilization of equipment, Equipment’s allocation for project sites, Contractor’s bill checking and verification, Raising PR and creating PO through SAP, Preparation of Debit Note
- On Site:
Maintenance of Pipe Line Equipment like Side Booms, Crawler Pay Welder, Compressors, Internal Pneumatic Clamp, DG Welding Machines, Holiday Detector, Jacks, etc. while performing inter-

disciplinary co-ordination with other technical disciplines, Procurement, Construction and Operations groups.

- In Central Maintenance Workshop:
Preventive Maintenance of ‘Pipe Line Equipment’ within the ‘Equipment Yard’ and overhauling of equipment coming from Sites

EDUCATIONAL QUALIFICATIONS:

COURSE	COLLEGE	BOARD / UNIVERSITY	YEAR	PERCENTAGE
M. Tech. in Computer Integrated Manufacturing	Madan Mohan Malaviya Engineering College, Gorakhpur, U.P.	G. B. Technical University (Formerly UPTU)	2013	69.50
B. Tech in Mechanical Engineering	Madan Mohan Malaviya Engineering College, Gorakhpur, U.P.	U. P. Technical University	2007	63.89
Diploma (3 yrs.) in Chemical Engineering	Government Polytechnic, Gorakhpur, U.P.	Board of Technical Education of U.P.	2004	82.92
Intermediate	Government Jubilee Inter College, Gorakhpur, U.P.	U. P. Board	2001	63.80
High school	Government Jubilee Inter College, Gorakhpur, U.P.	U. P. Board	1999	74.00

THESIS:

- Master’s Dissertation titled ‘Cam Profile Analysis and Simulation using Synthetic Curves’ (2013)

RESEARCH PUBLICATIONS:

1. Cam Profile Generation Through Inverse Kinematics of Follower Motion using Synthetic Curves, S. P. Mall and S. K. Srivastava, FME-2014 Proc., MMMUT, Gorakhpur, eds., S.C. Jayswal and S.K. Srivastava, Excel India Publications, New Delhi, ISBN: 978-93-83842-20-9, pp. 41-45, March 8-9, 2014.
2. Cam Profile Analysis and Simulation using Synthetic Curves, S. P. Mall and S. K. Srivastava, AMIAMS-2017 Proc., MNNIT, Allahabad, (Accepted).

OTHER PUBLICATIONS (Self Published E-Books on Google Books):

1. Mall, S. P. and Gupta, Rashmi, “AutoCAD Command Reference Guide: A Compact Command Reference Guide for AutoCAD”, Book Identifier (GGKEY): KYEEFJK3N88, Self-Published on Google Books on October 5, 2014.
2. Mall, S. P. and Gupta, Rashmi, “AutoCAD Advanced Features: Course Material of Training Workshop on AutoCAD Advanced Features”, Book Identifier (GGKEY): S799FX5ADEQ, Self-Published on Google Books on April 7, 2015.

CONFERENCE ATTENDED / PAPER PRESENTED

1. Presented paper on “Cam Profile Analysis and Simulation using Synthetic Curves” in AMIAMS-2017, International Conference on Advances in MIAMS held at MNNIT, Allahabad, February 3-5,2017
2. Attended FME-2015, National Conference on Futristics in Mechanical Engineering held at MMMUT, Gorakhpur, 2015.
3. Presented paper on “Cam Profile Generation through Inverse Kinematics of Follower Motion using Synthetic Curves” in FME-2014, National Conference on Futristics in Mechanical Engineering held at MMMUT, Gorakhpur, March 8-9,2014

WORKSHOP/TRAINING / SHORT TERM COURSE ATTENDED:

1. Participated in a short term course on “Isogeometric Methods using B-Splines and NURBS” under GIAN, Ministry of HRD, organized by Department of Mathematical Sciences, IIT-BHU, December 16-20, 2017.
2. Participated in one week short term course on “ANSYS” sponsored by TEQIP-II, held at MMMUT Gorakhpur, March 27-31, 2017.
3. Participated in one week short term course on “Advances in Design and Manufacturing” sponsored by TEQIP-II, held at MMMUT Gorakhpur, July 4-10, 2016.
4. Participated in 3 days hands-on workshop on “Embedded System Design using MSP430” organized in MMMUT, Gorakhpur by Texas Instruments, June 10-12, 2016.
5. Participated in 3 days hands-on workshop on “Linear Integrated Circuits: A Systems Approach” organized in MMMUT, Gorakhpur by Texas Instruments, June 7-9, 2016.
6. Participated in one day “Workshop on Report Writing in Engineering & Technology” sponsored by TEQIP-II, held at MMMUT Gorakhpur, March 29th, 2016.
7. Participated in one day Workshop on “Green Energy for Sustainable Development: Role of Educational Institutions” organised by MMMUT Gorakhpur, January 21st, 2016.
8. Participated in short term course on “Mathematical Methods in Science & Technology” sponsored by TEQIP-II, held at MMMUT Gorakhpur, December 15-19, 2015.

COLLEGE PROJECTS:

- Presented in Seminar on ‘Advanced and Unexploited Features of AutoCAD’ (Final yr. M.Tech.)(2013)
- ‘Research and Development in Saraya Distillery’ (Final yr. B.Tech.) (2007)
- ‘Design of Distillation Column’ (Final yr., Diploma) (2003).

VOCATIONAL TRAINING:

1. Summer Training at CADD Center, Lucknow on Auto CAD 2006 (1 month)(2006)
2. Summer Training at Mechanical Workshop, N. E. Railway, Gorakhpur (1 Month) (2005)
3. Summer Training at Saraya Distillery, Sardar Nagar, Gorakhpur (1 Month) (2003)

COMPUTER PROFICIENCIES:

Platform	:	Windows
Language	:	MATLAB (Mathematical Modeling on Programming and Simulink Workspace)
Mechanical Design Applications:		ANSYS, Creo (previously known as Pro Engineer), AutoCAD
Graphics Applications	:	3ds Max, Photoshop
Other Major Applications	:	MS Excel

EXTRA CURRICULAR ACTIVITIES, STRENGTHS AND ACHIEVEMENTS:

1. Qualified **GATE** – 2007, 2011
2. **NCC 'B'** Certificate Holder of Senior Division Army Wing (Infantry) with SGT. Rank
3. 'Akhil Bhartiya Sanskriti Gyan Pariksha' Certificate Holder (3 times) (School span)
4. Making 2-D and 3-D animations & sketching

PERSONAL DATA:

Date of Birth	:	25 th August, 1985
Father's Name	:	Sri J. P. N. MALL
Mother's Name	:	Smt. S. L. MALL
Languages	:	Hindi & English
Gender	:	Male
Hobbies	:	Making 2D-3D animations & Sketching

I assure you that if an opportunity is given to me to serve this well know esteemed organization; I will leave no stone unturned to satisfy my superiors with my hard work and conduct.

Thanking you in anticipation.

Date:

SWARN PRAKASH MALL