

Curriculum Vitae

Sanjay Kumar Patel

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Objective:

Motivating and talented professional and driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become lifelong scholars and learners. Highlights and innovative teaching methodology and inspiring lecturer committed to cultivating student leadership, accomplish academic advisor, online course instructor, effective use of multimedia teaching tools innovative thinker.

Education Profile:

Qualifications	Year of Passing	Institution /Board	Percentage	Division
P.hD	Pursuing	MNIT Jaipur	-	-
M.Tech. (Machine Design)	2011-2013	IIT (BHU) Varanasi(U.P)	72.10	First
B.Tech (Mechanical Engg.)	2005-2009	C.S.A. University Kanpur(U.P)	68.50	First
12th	2000-2002	M.P.I.C. Gorakhpur (U.P. Board)	56.00	Second
10th	1999-2000	M.P.I.C. Gorakhpur (U.P. Board)	52.00	Second

Research Publications:

- The research paper title “Springback analysis in sheet metal forming using Modified Ludwik Stress Strain Relations” published in “ISRN Mechanical Engineering” in 2013.
- The research paper title “Springback analysis in sheet metal forming using Romberg Osgood Stress Strain Relations” published in “Journal of Applied Mechanics and Technical Physics” in 2017

Teaching experience:

- Assistant Professor (Under TEQIP-III) recruited by MHRD at M.L.V.Textile and Engineering College, Bhilwara, Rajasthan from January 2018 to September 2021.
- Assistant Professor at Global Institute of Technology, Jaipur from February 2016 to December 2017.
- Assistant Professor (Mechanical Engineering) at B.S. Anangpuria Institute of Technology and Management Alampur, Faridabad (Haryana) from August 2013 to January 2016.

Training and Workshop:

- Attended one week training program at the topic of “Strategic Planning and Management of Technical Institution” conducted by NITTTR Chandigarh from dated 1st Aug. to 5th Aug. 2016.
- Attended one week training program at the topic of “Skill Development for Employment Generation in India through ICT” conducted by NITTTR Chandigarh from dated 27th Aug. to 31st Aug. 2018.
- Participated “Faculty Induction Program” by IIT Gandhinagar from dated 29th Jan. to 2nd Feb 2018.
- Attended one week training programmed at the topic of “3-D Printing Technology” conducted by MNIT Jaipur.
- Attended one week workshop on “Advance Pedagogy and Digital Tools” by IIT Kanpur from dated 13th May to 17th May 2019.
- Participated one day workshop on NBA Accreditation for UG Engineering Program at M.L.V. Textile and Engineering College, Bhilwara, Rajasthan from dated 30th May, 2019.
- Attended one day workshop on NBA Accreditation for UG Engineering Program conducted by MNIT Jaipur.

Responsibilities:

- Handled the Criteria (chapter)-3 of NBA accreditation during 3rd Jan. 2018 to 30th Sept.2021 at MLV Textile and Engineering College Bhilwara, Rajasthan.

- Time Table Coordinator, GATE Coordinator, Class Coordinator, Project Coordinator.

Sponsored Project by MHRD:

“Formation and Simulation of ultrafine grained microstructure in metallic alloys” and granted amount was 17lakhs 5thousands.

Member:

Lifetime membership of “The Indian Society for Technical Education”.

Procurement Committee:

Member of Technical Committee (procurement) at MLV Textile and Engineering College, Bhilwara, Rajasthan from Jan 2018 to September 2021.

Ph.D Topic:

Design and Development of Equi-Channel Angular Pressing Die.

M.Tech. Thesis:

Springback analysis in sheet metal forming using Modified Ludwik stress strain Relations.

Guided B.Tech Project:-

- Develop a model of Multi-cutter Machine.
- Develop a model of Robo-Crawler for Defence Serveillance.
- Design automatic Sand filter machine.
- Develop a model of three wheel stair climbing chair.
- Experimental Analysis of springback in pure aluminum, mild steel and pure copper.
- Improvement of wear characteristics in aluminum alloys.

Qualified Gate Exam.

Qualified GATE exam 2011 and 2014.

Software Exposure:

- Microsoft word, Power Point, Excel, Auto-CAD, Mat-lab, ABAQUS and ANSYS.
- Practical knowledge of Mat-Lab programming and used its applications in thesis (M. Tech level course)

Area of Interests:

- Mechanics of Mechanism,
- Design of Machine Elements,
- Thermodynamics,
- Engineering Mechanics
- Refrigeration and Air Conditioning,
- Heat Transfer
- Strength of Material

Personal Details:

Father's Name: Ramgudun Patel, **Mother's Name:** Urmila Devi, **Date of Birth:** 08 -08-1986, **Vill-Narayanpur,** Post-Belwakhurd, **District-Maharajganj, Uttar Pradesh-273303**

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Jaipur

Sanjay Kumar Patel