CURRICULUM VITAE



Dr. Nishant Ranjan
(Listed as Top 2% of scientists by Stanford University (2025)
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Permanent Address-
S/o - Surendra Prasad,
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Vill - Ekanger Sarai,
P.O./P.S.- Ekanger Sarai,
Dist - Nalanda (BIHAR)
ZIP Code - 801301

Language Known

Language	R	W	S
English	✓	✓	✓
Hindi	✓	✓	✓
Punjabi	✓	*	✓

Career Objective

Seeking a position as Assistant Dean / Deputy Director (Research & Development) in a reputed university, where I can contribute to institutional research strategy, support senior leadership in planning and execution, and leverage data-driven insights to strengthen research outcomes, collaborations, and future projects.

Education

PhD in Mechanical Engineering from "Punjabi University", Patiala.

Assets

- Adaptable to diverse academic and research stakeholders.
- Dedicated and results-oriented in research administration.
- Effective team player with strong leadership skills.
- Motivated to foster collaboration and achieve R&D goals.

Technical Skill

- SEM, XRD, 3D Printer, Minitab Software, DSC, Process Capability Wizard, TSE, FDM, Arduino, STEM Education.
- MS- Office, Auto CAD, Fusion 360.

Areas of Interest

- Additive Manufacturing (10.5 Years Experience),
- STEM Education,
- Polymer Composites,
- Biomedical Scaffolds using polymers.

❖ Experience (10.5 Years)

(I) Teaching Experience

S No.	POST	PLACE	DATE OF JOINING	DATE OF LEAVING
1.	Associate Professor (Research)	Marwadi University	1ST AUG 2025	WORKING
2.	Assistant Professor (Research)	Marwadi University	20TH AUG 2024	31ST JULY 2025
3.	Assistant Professor (Research)	Chandigarh University	27TH AUG 2020	14TH AUG 2024
4.	Teaching Assistant	GNDEC, Ludhiana	3RD AUG 2015	30TH JUNE 2017

(II) Industry Experience

S No.	POST	PLACE	DATE OF JOINING	DATE OF LEAVING
1.	STEM EDUCATOR	TECHNOPLANET LAB PVT. LTD.	15TH OCT 2018	26TH AUG 2020

(III) Research Experience

S No.	POST	PLACE	DATE OF JOINING	DATE OF LEAVING
1.	JUNIOR RESEARCH FELLOW	GNDEC, LUDHIANA	21ST AUG 2017	12TH OCT 2018

- **Qualifications**

PROFESSIONAL:-

(I) Ph.D. in Mechanical Engineering from Punjabi University, Patiala.

S No.	EXAMINATION	UNIVERSITY	YEAR OF PASSING	CGPA/ PERCENTAGE
1	Ph.D.	Punjabi University Patiala	2021	7.56 (75.62)

(II) Post-graduation in Production Engineering from Guru Nanak Dev Engineering College, Ludhiana.

S No.	EXAMINATION	UNIVERSITY	YEAR OF PASSING	CGPA/ PERCENTAGE
1	M.Tech	GNDEC LUDHIANA (IKGPTU JALANDHAR)	2017	7.68 (72.96)

(III) Graduation in Mechanical Engineering (Manufacturing Technology) from Sant Longowal Institute Of Engineering. And Technology, Longowal.

S No.	EXAMINATION	UNIVERSITY	YEAR OF PASSING	CGPA/ PERCENTAGE
1	B.E.	SLIET Longowal	2014	7.53 (74.73)

(IV) Diploma in Mechanical Engineering (Industrial Production) from Sant Longowal Institute Of Engineering. And Technology, Longowal.

S No.	EXAMINATION	UNIVERSITY	YEAR OF PASSING	PERCENTAGE
1	Diploma	SLIET Longowal	2011	70.65

(V) Certificate in Mechanical Engineering(Tool & Die Technology) from Sant Longowal Institute Of Engineering. And Technology, Longowal.

S No.	EXAMINATION	BOARD	YEAR OF PASSING	PERCENTAGE
1	Certificate	SLIET Longowal	2009	73.44

ACADEMIC

(I) Matric from S. S. Academy, Ekanger Sarai

S No.	EXAMINATION	BOARD/UNIVERSITY	YEAR OF PASSING	PERCENTAGE
1	Matric	B.S.E.B.,Bihar	2006	58.60

PUBLICATIONS

Research paper in SCI-indexed journals: **61**
Research paper in SCOPUS/Non-SCI journals: **15**
Book Chapter: **64**
Book: **5 (Published) 2 (Accepted)**
Total: **145 (SCOPUS); 151 (Google Scholar)**

Cumulative Impact Factor: **More than 170**
Citations: **1466 (Google Scholar); 1301 (SCOPUS)**
H-index: **20 (Google Scholar); 20 (SCOPUS)**
i-10 index: **40; (Google Scholar); 33 (SCOPUS)**

THESIS WORK:

- Final year Thesis title **"Experimental investigations for development of biocompatible feedstock filament comprising of PVC, PP and HAp for FDM"** during M.Tech under the guidance of Dr. Rupinder Singh.

CO-CURRICULUM ACTIVITIES:

- Organise **2 Short Term courses** with the collaboration of NITTTR (Chandigarh) and Marwadi University.
- Participated in COPE-2016 & COPE-2017 for Presentaion of Paper.
- Participated in the GIAN course in December 2017 in GNDEC, Ludhiana.
- Participated in Western Group dance in Techfest-2010 & 2012.
- Participated in Workshop "Field applications of DSC" in 2016.
- Participated in the State Level Competition in JLBBP-32.
- Won 1st prize in Treasure Hunt (Techfest-2011).
- Won 2nd prize in Treasure Hunt (Techfest-2012).
- Won 1st prize in Model Exhibition (Techfest-2013).

PROFESSIONAL TRAINING:

- **Organisation** – Diesel Locomotive Works, Varanasi
  From 05th June 2012 to 13th July 2012,
  Areas/Shops - DES , LAS , LTS , ROTOR , LFS , MSS.

- **Institute** – CETPA INFOTECH & PVT. LIMITED, NOIDA
  From 1st June 2010 to 28th June 2010.
  Topic - Auto CAD

STRENGTHS

- Time Management Skills
- Hardworking in Nature

- ❖ Energetic
- ❖ Team Building

ACHIVEMENTS:

- **Founding Editorial Board Member** in **Scientific Reviews** (Springer Nature) since April 2026.
- **Editor** in special collection Scientific Reports (Springer Nature) "**4D Printing of smart materials".**
- **Chief Editor** in special collection Discover Applied Sciences (Springer Nature) "**Materials Science: Polymer Processing in Additive Manufacturing: Structure, Mechanics, and Performance".**
- **Editorial Board Member** in **Scientific Reports** (Springer Nature) since December 2024.
- One of the publications in the Journal of Thermoplastic Composite Materials (Sage) is listed as the **top-cited paper** for the period of 2020-2021.

REFRENCES

Dr. Rupinder Singh Prof. Mechanical Engineering Department NITTTR, Chandigarh. Email:- rupindersingh78@yahoo.com Phone No. :- 9872257575	**Dr. Inderpreet Singh Ahuja** Prof., Mechanical Engineering Department, Punjabi University, Patiala. Email:- ahujaips@gmail.com Phone No. :- 9501533113

PERSONAL PROFILE

Father's name	:	Shri Surendra Prasad
Mother's name	:	Archana Kumari Sinha
Date of birth	:	02nd Feb.1992
Sex	:	Male
Marital status	:	Married
Blood group	:	AB "+ve"
Religion	:	Hindu
Nationality	:	Indian
Languages known	:	English, Hindi & Punjabi
Hobbies	:	Cooking Food
Correspondence address	:	ARCHANA NIWAS, Patel Gali, Ekangar Sarai (Nalanda), Bihar, Pin- 801301
Mobile	:	7986167831 / 7276304699
Email	:	ranjan_nishant92@hotmail.com

Declaration :

I hereby declare that all the information furnished by me is true to my knowledge and belief, and if any discrepancy is found, then my candidature is liable to be cancelled.

Date: 24/04/2026
Place: Rajkot, Gujarat

Signature
Dr. Nishant Ranjan