

**DR. M. WILSON KUMAR**

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 Karunya Institute of Technology and Sciences
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RESEARCH INTERESTS

Computer Aided Design, Computer Aided Manufacturing, Industrial Ergonomics, Robotics and Automation, Biomechanics and Biomaterials, 3D Printing and Additive Manufacturing, Reverse Engineering.

EXPERIENCE

Assistant Professor (AGP 8000), Mechanical Engg., Karunya Institute of Technology and Sciences, India, January 2011–present.
 Assistant Professor, Mechanical Engg., Karunya Institute of Technology and Sciences, India, November 2009 - December 2010.
 Lecturer, Mechanical Engg., Karunya Institute of Technology and Sciences, India, August 2006- October 2009.

RESEARCH PROFILES

1	Google Scholar Profile	https://scholar.google.com/citations?user=BnvgGtUwJBUC&hl=en
2	Scopus Profile	https://www.scopus.com/authid/detail.uri?authorId=57211436336
3	LinkedIn Profile	https://www.linkedin.com/in/wilson-kumar-8607999b/

PATENTS

1	An Escalator for lifting the elderly or physically challenged person from ground level. Patent Application No: 202041019684, Publication Date (U/S 11A): 29-05-2020.
2	An Artificial Intelligent Ergonomic Stand for Laptop, Patent Application No: 202041050701, Publication Date (U/S 11A): 04-12-2020.
3	Intelligent Ergo-Computer Chair, Patent Application No: 202041046653, Filing Date (U/S 11A): 26-10-2020.

RESEARCH PROJECTS / CONSULTANCY

#	Title of the consultancy project	Funding Agency	Amount (Rs.)	Year
1	Member of Time and Motion Study (Completed in June, 2021)	TN Govt. Lr.No.90268/2017MGNREGS-II-1	51 Lakhs	2021

SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]

Year	International Journal Publications	International Conference Publications	National Journal Publications	National Conference publications	Cumulative Impact Factor	Scopus Citations	Google Scholar Citations	h-index
2010-21	11	7	1	1	1	4	4	1

EDITORIAL BOARD MEMBER / REVIEWER: Reviewer for International Robotics & Automation Journal (<https://medcraveonline.com/IRATJ/reviewer-board>), Web of Science Journal.

EDUCATION

Degree	Branch / Specialization	University	Class	Mode	Month & Year of Passing
Ph.D.,	Mechanical Engineering	Karunya University	Commendable	Part Time	Dec 2018
M.E.,	CAD/CAM	Anna University	First Class	Full Time	May 2005
B.E.,	Production Engineering	SK University	Second	Full Time	May 2002

TEACHING INTERESTS

Industrial Ergonomics, Computer Aided Design, Design for Manufacturing and Assembly, Product Design and Development Strategies, Rapid Prototyping, Additive Manufacturing Technologies, Industrial Robotics, Mechatronics.

RESEARCH GUIDANCE

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	-	-
Master of Engineering - Master's Thesis advising	5	1