


Faculty Profile

	Mr. A. SIVASANKAR	Academic Credentials <ul style="list-style-type: none"> • Under-Graduation: B.E (Mechanical Engineering) – Anna University • Post-Graduation: M.E (CAD/CAM) – Anna University • Doctoral Degree: Ph.D (Mechanical) – Anna University(Pursuing)
Designation	Assistant Professor (Senior Scale)	Experience <ul style="list-style-type: none"> • Teaching – 4 years • Research – 4 years
E-Mail ID:	sivasa@hindustanuniv.ac.in	
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57204764837	Research Areas <ul style="list-style-type: none"> • Additive Manufacturing Technology • New Product Development • Medical Devices
Google Scholar	https://scholar.google.com/citations?user=HgkjWysAAAAJ&hl=en&oi=ao	
Recent Publications		
<ol style="list-style-type: none"> 1. Arumugam, S. and Ranganathan, R. (2022), "Development of novel customized pressure distribution surface for reduction of pressure ulcers using additive manufacturing technology", Rapid Prototyping Journal, Vol. 28 No. 7, pp. 1407-1421. 2. Arumugam, S. Ranganathan, R. Ravi. T. "Need for customization in preventing pressure ulcers for wheelchair patients - a load distribution approach", International Journal of Biomedical Engineering and Technology, 38(1), pp. 44-64. 3. S. Arumugam, R. Ranganathan, A. Pugalendhi,(2021) Development of customized support for the prevention of Pressure Ulcer (PU) using multi-materials printing, Journal of Physics: Conference Series. 1969 012014. 4. C., V., Ranganathan, R., Ganesan, S., Pugalendhi, A., M.P., S. and Arumugam, S. (2019), "Development of customized orthosis for congenital deformity using additive manufacturing", Rapid Prototyping Journal, Vol. 25 No. 3, pp. 645-652. 5. Ravi, T., Rajesh Ranganathan, Sivasankar Arumugam (2020). A conceptual method for developing a Torso Assisted Orthopaedic Support Brace (TAOSB) device for people with spinal deformities. IOP Conference Series: Materials Science & Engineering, 788. 		
Patents		
1.	201941014362 - An Apparatus for Reducing Decubitus Ulcer	
Awards and Honours		
1.	"Young Researcher Award" from InSc, Bangalore. 2022	