



GRACE COLLEGE OF ENGINEERING

MULLAKKADU, THOOTHUKUDI - 628005

FACULTY PROFILE

Name : Dr. L. Daniel Devaraj
Designation & Department : Assistant Professor & Mechanical
Gender : Male
DOB : 21-02-1996
DOJ : 20-08-2024
Father's Name : Mr. V. Lennie Rajendran
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EDUCATIONAL QUALIFICATION:

Degree	Course	Month & Year of Passing	Name of the School/College & Board/University	Regular/ Part Time	% of Marks	Class Obtained
UG	B.E	May 2017	Magna College of Engineering, Chennai /Anna University	Regular	7.5	I
PG	M.E	May 2019	College of Engineering Guindy / Anna University	Regular	7.5	I
Ph.D		Jan 2024	Annamalai University	Regular		

EXPERIENCE:

Name of the College	Designation	Duration	
		From	To
Grace College of Engineering, Thoothukudi	Assistant Professor	Aug 2024	Till Date
Total Teaching Experience			5 Months

ADDITIONAL QUALIFICATION IF ANY:

i. GATE Score (In case of B.E. / B.Tech.): -

ii. NET / SLET -

Title of Ph.D. Thesis *: - **“Experimental Investigation on Mechanical, Morphological, Tribological and Bioactive Characteristics of Porous Gyroid Ti-6Al-4V Alloy Fabricated through PBF Process for Orthopaedic Applications.”**

Faculty in which Ph.D. was awarded: **Manufacturing Engineering**

MEMBERSHIP IN PROFESSIONAL BODIES:

Professional Body	Type of Membership	Membership Number
-	-	-

PAPERS PRESENTED IN CONFERENCE/SYMPOSIUM:

Date	Venue	Paper Name	ISBN/ISSN if any	Conference Title
25April,2023	Arasu Engineering College, Kumbakonam	“Evaluation of Tribological and Corrosive behaviour of Gyroid lattice structured Ti-6Al-4V for Biomedical Implants”		International Conference on “RECENT TRENDS IN MECHANICAL & AUTOMOBILE ENGINEERING – A MULTIDISCIPLINARY APPROACH (ICRMAE’23)”

PAPERS PUBLISHED IN JOURNAL :

Title of the Paper	Authors	Name of the Journal	Volume Number & Page Number	ISBN/ISSN if any	Year of Publication
Corrosion and Tribological studies on Additively Manufactured Gyroid Ti-6Al-4V with varied Porosity Percentage for Orthopaedic Application.	Daniel Devaraj L., Srinivasan V., Selvabharathi S.	Indian Journal of Science and Technology	16(40): 3443-3452.		2023
Evaluation of Micro Hardness and Wear	Daniel Devaraj L., Srinivasan V	Indian Journal of Science and	16(47): 4469-4480		2023

characteristics of Gyroid designed Ti-6Al-4V fabricated through DMLS technique.		Technology,			
Evaluation of Microhardness, Compression, and Flexural Strength for Gyroid Ti-6Al-4V with Different Porosities Fabricated by Direct Metal Laser Sintering Process for Orthopedic Application	Daniel Devaraj L., Srinivasan V	Journal of Materials Engineering and Performance	34(1):		2025

WORKSHOPS & FDP ATTENDED :

FDP/Workshop Title	Venue	Date	Duration
“Additive Manufacturing: A Technology of Rapid Customization”	CSIR-CECRI, Karaikudi.	September 20-21, 2022	2 days
ATAL FDP “Role of Additive Manufacturing in the industry 4.0 era.”	Online mode	21-06-21 to 25-06-21	5 days

BOOKS AUTHORED:

Title of the Book	Authors	Publishers	ISBN/ISSN if any	Year of Publication
-	-	-	-	-

Publications:

In Journals :

National : -

International : 03

In Conferences:

National : -

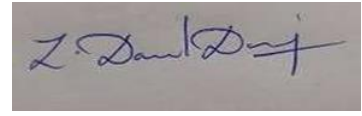
International : -

Any other relevant information:

Reviewed 4 research articles (2-web of science, 2-scopus) from international journals related to the materials science and manufacturing process.

DECLARATION

I solemnly, hereby declare that the above-mentioned information is true to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

A rectangular box containing a handwritten signature in blue ink. The signature appears to be 'Z. Dawlat' with a stylized flourish at the end.

Signature of the Faculty