

RESUME



Name : S.BANUMATHY
Designation : Teaching fellow
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Academic Qualification

Course	Educational Institution	Class	Year of Passing
Ph. D Ceramic Technology	Anna University		undergoing
M.E Manufacturing Engineering	MIT campus, Anna University	I class with distinction	2014
B.E Production Engineering	MIT campus, Anna University	I class	2012

Areas of Interest/Research

- Porous metals
- Composites

Academic Experience

S.No.	Designation	Institution / University	Duration
1.	Teaching Fellow	Department of Ceramic Technology, A.C.College of Technology, Anna University, Chennai – 600 025	September 2018 to till date
2.	JRF-DST	Department of Ceramic Technology, A.C.College of Technology, Anna University, Chennai – 600 025	March 2015 to February 2018

Funded Research Projects: NA

LIST OF PUBLICATIONS

International / National Journals : NA

International / National Conference/Seminars/Symposium

1. Banumathy S, Kalaichelvan K, “Development of aluminium foam by powder metallurgy”, Proceedings of the International Conference on Recent Innovations in Production Engineering (RIPE’17) organized by Department of Production Engineering, MIT Campus, Anna University, Chennai-44 during 24th – 25th March 2017.
2. Banumathy S, Kalaichelvan K, “Development and Testing of Aluminium foam Sandwich Panels”, Proceedings of the ICMEET-2K14 organized by Department of Mechanical Engineering, Magna College of Engineering, Chennai-55 during 9th – 10th April 2014.
3. Banumathy S, Kalaichelvan K, “Fabrication and Characterization of Aluminium foam Sandwich Panels”, Proceedings of the Micro and Nano Composites – Principle, Manufacturing and Applications (NCMNC-14) under TEQIP - II organized by Department of Mechanical Engineering, Physics and Chemistry Thiagarajar College of Engineering, Madurai-625015 during 20th – 21th March 2014.
4. Banumathy S, “Quality control in Rear axle of Power steering systems”, in INDCON’11 organized by Department of Industrial Engineering, CEG Campus, Anna University 4-5 March 2011.

Publication Details: (Provide only the count)

Category	Conferences	Journals
National	1	
International	2	

Ph D / MS / M Tech / B. Tech Guidance: NA

M Tech / B. Tech Guidance

Category	Completed	Ongoing
M. Tech	-	-
B. Tech	1	-

Guest lecturers delivered : NIL

Awards and Recognitions

- DST PURSE Phase II (JRF) from the Department of Science and Technology, Delhi to carry out research from March 2015 – February 2018.

Academic Responsibilities: NA

Workshops / Seminar / Short term Courses / FDP Organized : NIL

Workshops / Seminar / Short term Courses / FDP Attended

S. No	Name of the Event	Duration	Organized by
1	Composite materials in Space Applications and Collaborative Robotic Inspections	3 June 2021	Arasu Engineering College
2	“Inculcating Universal Human Values in Technical Education”	17 May - 21 May 2021	AICTE
3	Biodegradable Biomaterials	30 Dec 2020	Ramco Institute of Technology
4	Strategies in Teaching Learning	14-19 Dec 2020	Sri Sai Ram Institute of Technology
5	FEM/CFD	14-18 October 2020	ATAL AICTE
6	Mechanics of Composite Materials and Structures	9-13 September 2020	ATAL AICTE
7	Exploration of Main group compounds for Metal free Transformation in Industries	19 Aug 2020	St.Josephs college of Engineering
8	Ethics and Entrepreneurship - Smart Tips	13 Aug 2020	St.Josephs college of Engineering
9	Opportunities and Challenges in Industry 4.0	27 July 2020	Arasu Engineering College
10	Additive manufacturing: Fundamentals and Applications	14 July 2020	Francis Xavier Engineering College
11	Advancements in Applied chemistry	6-8 July 2020	St.Josephs college of Engineering
12	Industry 4.0	2-4 July 2020	Dr.M.G.R Educational and Research Institute

13	Additive Manufacturing for Bioimplant Manufacturing and its challenges	13 June 2020	Arasu Engineering College
14	Research and Review Article writing	31 May 2020	Metro Composites Research and Development Centre
15	Research Methodology	26-30 May 2020	Padm.Dr.V. B.Kolte College of Engineering
16	Advances in construction and Project Management	4-9 Jan 2020	Charotar University of Science and Technology
17	E-Learning and MOOCS in higher education	14 Sep 2019	MHRD
18	Fundamentals of Vibration – Measurement, Analysis and Control	30th -10th November 2017	St. Joseph's College of Engineering.
19	Ceramic Composites	22nd September 2017	ACTech Campus, Anna University
20	Scope for R&D Projects and proposal Preparation	12th May 2017	CTDT, Anna University.
21	Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications.	30th March 2017	Sri Venkateswara College of Engineering.
22	Ceramic Coatings	13th March 2017	ACTech Campus, Anna University.
23	GIAN –“Introduction to metal foams and Cellular Metals”	5-11th December 2016	Indian Institute of Technology Madras, Chennai-36.
24	Vibration Measurement, analysis and Control	31st July – 6 th August 2016	PSG College of Technology, Coimbatore.
25	Author Workshop	2 nd November 2015	Springer & Library Anna University
26	New materials their Characterization and Applications	13th -14th October 2015	Anna University.
27	Powder Metallurgy: Technology and Applications	7 th -8 th August 2015	Indian Institute of Technology Madras, Chennai-36.
28	Trends in Non-Destructive Evaluation of Weldments	9 th -10th March 2015	Anna University

29	Advanced Characterization of Materials .	23rd -24th February 2015	Anna University.
30	High temperature Ceramics	19 -20th February 2015	Anna University
31	Research Methodology	29th January 2015	Anna University
32	CAD using CATIA	4 th to 16th June 2012	AU-FRG Institute for CAD/CAM, Anna University
33	Nano coatings and Applications NANOCOAT 2011	30th May 2011	CEG Campus, Anna University.

Countries visited : NIL

Membership, Committees, Boards etc: NA

Other Interest

- playing chess, Badminton
- Reading books