



DEPARTMENT OF MECHANICAL ENGINEERING
GOVERNMENT COLLEGE OF ENGINEERING-BARGUR
(AUTONOMOUS)

KRISHNAGIRI- 635 104, TAMILNADU

Approved by AICTE, New Delhi and Affiliated by Anna University, Chennai

Visit us: www.gcebargur.ac.in



FACULTY PROFILE

Name	Dr.A.Kajavali
Designation	Associate Professor
Office Address	Department of Mechanical Engineering
Telephone	---
Mobile	9994576281
Email	kajavali@gcebargur.ac.in
Field(s) of Specialization:	Solar, Thermal

Employment Profile

Job Title	Employer	From	To
Associate Professor	GCE, Bargur	2020	Till Now
Associate Professor	Annamalai University, Chidambaram	2015	2020
Assistant Professor	Annamalai University, Chidambaram	2007	2015
Lecturer	Annamalai University, Chidambaram	2002	2007

Academic Qualifications (From Highest Degree to High School):

Examination	Board /University	Year	Division/ Grade	Subjects
P.hd,(Mechanical)	Annamalai University	2016		SOME INVESTIGATION ON MODIFIED ABSORBERS IN PTC
M.E.	Annamalai University	2005	First class with distinction	Thermal
B.E.	Annamalai University	1997	First class with distinction	MECHANICAL
D.M.E.	Muthiah Polytechnic	1990	First class	Mechanical

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Academic/Administrative Responsibilities within the Institute

Position	Faculty/Department/Centre/Institution	From	To
BOS CO-COORDINATOR	GCE BARGUR	2019	2020
Question paper setting	GCE BARGUR	2019	TILL DATE
Thermal lab incharge	GCE BARGUR	2019	2020

Academic/Administrative Responsibilities outside the Institute

Position	Faculty/Department/Centre/Institution	From	To
Squad duty inspection for examination	Anna University	2019	2020
DC MEMBER for PhD	Anna University	2020	2021
Expert Member-Research committee	Kalasalingam Deemed University, Krishnakoil, Virudhunagar	2020	2021
Selection committee for teaching position	Priyadharshini Engineering college, Vaniyampadi	2020	2021

Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
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Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
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Details of Academic Work (Theory courses and Labs handled)

- 1.Heat and Mass Transfer
- 2.Gas dynamics and Jet Propulsion
- 3.Engineering Graphics
- 4.Thermal engineering lab1 and lab2 practical

Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
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Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ CoSupervisor)	Year of Award
02		supervisor	pursuing

Participation in Workshops/ FDP/ Conferences(mentioning the role)

Date	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organiz ed by	Venue
01.08.2019	RECENT TRENDS IN	FDP	PARTICIPANT	TEQIP-	GOVT.COLLEGE



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to 07.08.2019	NANO MATERIAL AND SURFACE COATING			III GCEB	OF ENGG BARGUR
06.04.2020 to 22.04.2020	DIGITAL TRANSFORMATION IN TEACHING LEARNING PROCESS	2 WEEK COURSE	ONLINE	IIT BOMBA Y	BOMBAY
JULY 18- 19- 2020	TECHNOLOGICAL CONVERGENCE IN ENGINEERING ENERGY AND SUSTAINABILITY	INTERNA TIONAL CONFERE NCE	PARTICIPATE AND PRESENTED	VIMAL JYOTHI ENGG COLLE GE	KANNUR
27.07.2020 To 02.08.2020	CONTENT CREATION FOR e-CLASS USING VIDEO EDITING, ANIMATION AND DTP TOOLS	FDP	ONLINE	TEQIP- III GCEB	BARGUR
04.08.2020 to 08.08.2020	STRATEGIES AND TOOLS FOR EFFECTIVE ONLINE TEACHING AND LEARNING	FDP	ONLINE	TEQIP- III GCEB	BARGUR

Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
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Invited Talks delivered

Topic	Date	Inviting Organization
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Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
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Academic Foreign Visits

Country	Duration of Visit	Programme
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Publications

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
R.EZHILNILAVAN A.KAJAVALI	A comparative study of six- cylinder direct injection compression ignition engine fueled with Argemone Mexicana bio-diesel with and without selective catalytic	Taylor and Francis	10.1080		2020	---

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	reduction.					
Dr.Lakshmipathy Dr.A.Kajavali	Advances on the Flat Plate Collector design Introduction to solar cavity collector	Comprehensive Advanced Specific Summarised Studies	04	Issue - 01	2020	
B.Lakshmipathy A.Kajavali B.Sivaraman M.Senthil Kumar	Technological improvement on energy – efficient methods applied to a solar cavity collector	Materials Science for Energy Technologies	03	456-463	2020	
B.Lakshmipathy A.Kajavali B.Sivaraman M.Senthil Kumar	Experimental and Artificial Neural Network (ANN) simulation of a solar cavity collector	International Journal of Engineering and Advanced Technology	08	Issue-6	2019	
B.Lakshmipathy A.Kajavali S.Krishnan	Effect of Length to Diameter ratio (L/D ratio) on the performance of Flat Plate Solar Cavity collector	International Journal of Science and Technology Research	08	Issue-9	2019	



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Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
B.Lakshmipathy A.Kajavali M.Senthil Kumar	Selection of Materials for the improvement of energy storing techniques applicable for cavity collectorsolar	AIP Conference proceedings		Emerging applications in Material Science and Technology	Gnanamani College of Technology, Namakkal	2020