


NAME	LINTU G LALY	
DESIGNATION	Assistant Professor on Contract	
QUALIFICATION	Ph.D.	
EMAIL ID	lintuglali13@gmail.com	
PHONE NO	8547637991	

TEACHING INTERESTS	
Electrodynamics Plasma Physics Classical Mechanics Fluid Dynamics Numerical methods (ODE) Computer Programming (C, C++, FORTRAN) Mathematical Physics	

RESEARCH AREAS
Plasma Physics and Material Processing -Thermal Plasma and its Simulation

ACADEMIC/PROFESSIONAL QUALIFICATIONS*

NAME OF THE PROGRAMME	INSTITUTION/UNIVERSITY	YEAR OF PASSING
Ph.D in Physics	Department of Physics, Bharathiar University	2022
M.Sc. in Physics	P.S.G.R. Krishnammal College for Women, Coimbatore	2013
B.Sc. in Physics	St. Joseph's College, Devagiri.	2011
HSC	Little Flower Higher Secondary School, Nilambur.	2008
SSLC	Little Flower Higher Secondary School, Nilambur.	2006

CAREER HISTORY/TEACHING EXPERIENCE

DESIGNATION	INSTITUTION/UNIVERSITY	YEAR OF SERVICE
Assistant Professor on Contract	Mar Thoma College, Chungathara	2022-23

PHD THESIS

SL.NO	TITLE	GUIDE NAME	INSTITUTION	MONTH/YEAR
1	Numerical studies on the plasma arc formed inside Crucible with gas injection through hollow cathode	Dr. K Ramachandran	Bharathiar University	March 2022

RESEARCH PROJECTS/GRANTS RECEIVED

SL.NO	TITLE	INVESTIGATORS	SPONSORING AGENCY	MONTH/YEAR
1	University Research Fellowship	Dr. K Ramachandran	Bharathiar University	2015 October-2016 March
2	MANF- (JRF)	Dr. K Ramachandran	UGC Fellowship	(2016-19)
	MANF- (SRF)	Dr. K Ramachandran	UGC Fellowship - promoted	(2019-2021)

JOURNAL PUBLICATIONS

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	Modeling of a transferred arc inside a crucible with gas injection through a hollow cathode.	Journal of Physics D: Applied Physics.;51(30):305202.	DOI https://doi.org/10.1088/1361-6463/aacd5c	2018 Jul 3
2.	Numerical studies on the effects of operating parameters on the behavior of transferred	Plasma Research Express.	DOI https://doi.org/10.1088/2516-1067/ab89c9	2020 Apr 16

	arc inside the crucible with gas injection through the cathode at different operating pressures.			
3.	Plasma assisted synthesis of γ -alumina from waste aluminum dross.	Waste Management.; 77:565-75.	DOI https://doi.org/10.1016/j.wasman.2018.05.005	2018 Jul 1

ORIENTATION/REFRESHER COURSES ATTENDED

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER	MONTH/ YEAR
1.	Refreshers Course CLASSICAL MECHANICS ELECTROMAGNETISM	UGC	December 2014
2.			

SEMINARS/CONFERENCES/WORKSHOPS ATTENDED[#]

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	"32nd National Symposium on Plasma Science & Technology"	Plasma Science Society of India (PSSI) & IPR, Gujarat.	IPR, Gujarat. 07-11-2017 to 10-11-2017	National
2.	"33rd National Symposium on Plasma Science & Technology"	Plasma Science Society of India (PSSI) & Department of Physics and Astrophysics, Delhi University.	DU, Delhi. 4-12-2018 to 7-12-2018	National
3.	"Third International Conference on Advanced Materials ICAM 2019;"	International Unit on Macromolecular Science and Engineering (IUMSE) MG & Wuhan University, Wuchang, School of Materials Science & Engineering, Republic of China &	(IIUCNN), Mahatma Gandhi University, Kottayam. 09-08-2019 to 11-08-2019	International

		Wroclaw University of Technology Faculty of Electrical Engineering 27 Wybrzeze Wyspianskiego St 50-370 Wroclaw, Poland & Beijing University of Chemical Technology Beijing, China		
4.	"Fifth International Conference on Recent Advancements in Chemical, Energy and Environmental Engineering RACEEE 2020"	Department of Chemical Engineering, SSN College of Engineering, Chennai.	SSN College of Engineering, Chennai. 13-02-2020 to 14-02-2020	International

*INSTITUTIONAL, REGIONAL, STATE,NATIONAL, INTERNATIONAL

#(MENTION THOSE WHICH ARE RELEVANT & PREFERABLY WITHN PAST 5 YEARS)

PROFESSIONAL AFFILIATIONS/MEMBERSHIPS

Plasma Science Society of India (PSSI)

UG PROJECTS GUIDED

SL.NO	TITLE	MONTH/ YEAR
1.	NUMERICAL ANALYSIS OF PIPE FLOW	April 2022