


Name of the Teaching Staff	BINI D			
Designation	Assistant Professor			
Department / School	Robotics Engineering			
Date of Joining the Institution	26/08/2021			
Qualification with Class / Grade	UG	PG	Ph.D	
	B.E. with First class / CGPA- 81%	M.Tech with First class / 76.3 %	Pursuing	
Other Qualifications	-			
Area of Specialization	Computer Vision, Image & Video Processing, Real-Time Embedded Systems.			
Research Interests	Agricultural Robots, Machine Learning and Deep Learning models			
Subjects Teaching	Under Graduate		Post Graduate	
	17EI2027 : Robotics and Automation (3)		18EI3024: Robotics and Factory Automation (3)	

Total Experience in Years	Teaching	Industry		Research	
	-	-			
Papers Published	National			International	2
Papers Presented in Conference	National	1		International	1
Conferences / Symposiums / Seminars / Workshops Participated	National	1 conference / 3 workshops		International	2
FDP / STTP / MDP / Summer / Winter School attended	4 FDP				
M.Phil. / Ph.D. Guide ship	Field			University	
	-			-	
Ph.D. Projects Guided	Ph.D.s	-	Project at Master's Level	-	
Professional Memberships	-				
Consultancy Activities	-				
Awards & Honours	-				

Grants Fetched	-							
Interaction with Professional Institutions	-							
Educational Details								
	Degree / Diploma	Full time /Part time / Corresp-on dence	Name of College / School & Location	Name of University & Location	Month & Year of Passing	Main Subject taken as Specializa tion	Perce ntage	Class / Rank
	Ph.D (Pursuing)	Full time	Karunya Institute of Technology and Sciences Coimbatore	Karunya Deemed University	-	Electronics & Instrumentation Engineering	86.2	-
	M.Tech	Full time	B.S. Abdur Rahman University, Chennai	B.S. Abdur Rahman University	May 2014	VLSI & Embedded Systems	76.3	First class
	B.E.	Full time	St. Xavier's Catholic College of Engineering, Nagercoil	Anna University	May 2012	Electronics and Communication	81	First class
	HSC	Full time	Jawahar Matriculation Higher Secondary School, Neyveli	State Board	March 2008	Maths/Physics/ Chemistry/ Biology	85.8	First class
	SSLC	Full time	Jawahar Matriculation Higher Secondary School, Neyveli	Matricula tion	April 2006	-	84.2	First class
Experience	Worked as a TRA in Karunya Institute of Technology and Sciences for 3 months (10-9-2019 till 30-11-2019)							
Contact Details	Address: No. 2, Bethlehem Quarters, Sappanimadai road, Karunya Nagar, Coimbatore – 641 114. Mobile: 9042226212/ 9943157883 Email : binivlsies@gmail.com binid@karunya.edu.in							
Papers presented in conferences	<ol style="list-style-type: none"> 1. “Machine Vision and Machine Learning for Intelligent Agrobots: A review” in the 5th IEEE ICDCS'20 at Karunya Institute of Technology and Sciences, Coimbatore during 5th – 6th March 2020. 2. “Estimation of Tomato berries based on Image Segmentation in RGB color model” in the 9th National Conference ETEIAC 2020 at Karpagam College of Engineering, Coimbatore on 13th March 2020. 							

Patents	-
Journals	<ol style="list-style-type: none"> 1. "Recognition of Bloom/ Yield in Crop images using Deep Learning models for Smart Agriculture: A review", by Bini D, Pamela D, Shajin Prince, Daniela Elena Popescu and Jude Hemanth in Agronomy; vol 11, Date of Publication: 27th March 2021. 2. "Design of a linear voltage to frequency converter for digital audio applications" Prince, S., Samson Immanuel, J., Manoj, G., Amir Anton Jone, A., Bini, D. International Journal of Innovative Technology and Exploring Engineering, 2019, 9(1), pp. 4458–4464.
Books /Book Chapters	-
Research Group Members	-

