

Faculty details for college website

Basic Faculty Profile Details	
Sl. N. o.	Particulars
1	Personal & Contact Information
	a Full Name- MEGHA A
	b Designation- ASSISTANT PROFESSOR
	c Department/Discipline- ELECTRONICS AND COMMUNICATION
	d Email Address- meghadbit@gmail.com
	e Phone Number- 7406602377
	f. Profile Picture
2	Academic Information
	a Highest Qualification- M.Tech.
	b Specialization/ Area of Interest- VLSI Design and Embedded System
	c Teaching Areas / Courses Taught- ECE
	d Research Interests
3	Professional Details
	a Work Experience- 5Years
	b Current Responsibilities <ul style="list-style-type: none"> • Delivered engaging lectures in ECE subjects (Wireless Communication System(WCS), Technology Innovation and Management Entrepreneurship (TIMES), Electronic Principle Circuits(EPC)). • ICT-Enabled Teaching (Information & Communication Technology). • Visual explanations. • Conducting weekly quiz • Promoting research mindset, literature review, and presentation skills. • Provide academic and career guidance, supported student development, and serve as a mentor and/or advisor. • Helped with maintenance of lab equipment; participate in curriculum updates aligned with industry trends and modern pedagogy. • Engage in continuous learning through FDPs and seminars; undertake research, publish in journals, and apply for research grants.
	c Membership in Professional Bodies
4	Publications & Research
	a Research Publications
	b Journals(with links or citations) <ul style="list-style-type: none"> • Paper on “Implementation of Prescaler in Communication System” is published in IJIRSET, Vol.-3, Issue-5, May-2014. https://www.ijirset.com/volume-3-issue-5.html#:~:text=Implementation%20of%20Prescaler%20in%20Communication,Steel%20in%20Hydrochloric%20Acid%20Solutions
	c Conferences- <ul style="list-style-type: none"> • Paper on “CRC Generator for ATM Switch” achieved first place in NCTVDT held in DBIT,Bangalore 2012. • Paper on “Design and Implementation of Prescaler for Different Applications” presented in NCWCT-2014 held in AIT, Bangalore.
	d Books / Book Chapters
	e Google Scholar / Scopus / ORCID Links

	<p>f Projects Handled (Completed/Ongoing)</p> <p>Completed:</p> <ul style="list-style-type: none"> • Smart cities & Infrastructure <p>On-going:</p> <ul style="list-style-type: none"> • Bitcoin Price Prediction using Machine Learning • Automatic Sericulture Monitoring & Disease Detection using Image Processing to Improve Yield • Pharma Box: An Automatic Vending Machine for Medicine • Security Operation on protected area using IoT and Drone
	g Research Grants / Funding (details, amount, agency)
5	Academic Contributions
	<p>a PhD / M.Phil, / M.Sc. Supervision</p> <p>b Curriculum Development/ Syllabus Design</p> <p>c Workshops / Seminars / Conferences Attended or Organized</p> <ul style="list-style-type: none"> • FDP on “Crafting Professional Document with LaTeX”
6	Awards & Achievements
	<p>a Academic Honors</p> <p>b Awards / Fellowships</p> <p>c Invited Talks / Guest Lectures</p>
7	Web & Media Links
	<p>a Personal Academic Website / Blog</p> <p>b LinkedIn / ResearchGate</p> <p>c YouTube / Media Appearances</p>
8	Downloads / Attachments
	<p>a Curriculum Vitae (CV) PDF</p> <p>b Research Papers / Teaching Portfolio</p>