

Faculty details for college website

Basic Faculty Profile Details	
Sl. No.	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

	f	Projects Handled (Completed/Ongoing) Completed: <ul style="list-style-type: none"> • Smart cities & Infrastructure On-going: <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
	a	PhD / M.Phil, / M.Sc. Supervision
	b	Curriculum Development/ Syllabus Design
	c	Workshops / Seminars / Conferences Attended or Organized <ul style="list-style-type: none"> • FDP on “Crafting Professional Document with LaTeX”
6		Awards & Achievements
	a	Academic Honors
	b	Awards / Fellowships
	c	Invited Talks / Guest Lectures
7		Web & Media Links
	a	Personal Academic Website / Blog
	b	LinkedIn / ResearchGate
	c	YouTube / Media Appearances
8		Downloads / Attachments
	a	Curriculum Vitae (CV) PDF
	b	Research Papers / Teaching Portfolio