Faculty details for college website

Sl. No.	Particulars
Basic Faculty Profile Details
Sl. No.	**Particulars**
1	**Personal & Contact Information**
a.	Full Name: Channambhika D S
b.	Designation: Teaching Assistant
c.	Department/Discipline: Computer Science Engineering
d.	Email Address: channambhika.1rn14cs403@gmail.com
e.	Phone Number: 9686526702
f.	Profile Picture
2	**Academic Information**
a.	Highest Qualification : BE(CSE), Pursuing M.tech(AI & ML) in 4th sem
b.	Specialization/ Area of Interest: Machine Learning
c.	Teaching Areas / Courses Taught: Artificial Intelligence, Machine Learning
d.	Research Interests: Neural Networks
3	**Professional Details**
a.	Work Experience: Fresher
b.	Current Responsibilities: Conducting lab sessions for Machine Learning Teaching Machine learning and Artificial Intelligence Assisting students final-year projects
c.	Membership in Professional Bodies: None
4	**Publications & Research**
a.	Research Publications: None
b.	Journals(with links or citations): None
c.	Conferences: None
d.	Books / Book Chapters: None
e.	Google Scholar / Scopus / ORCID Links: None
f.	Projects Handled (Completed/Ongoing): **Credit Card Fraud Detection using Machine Learning** Developed ML/DL models to identify fraudulent transactions using real-world transaction dataset with feature engineering, model evaluation, and SHAP-based explainability. **Image Classification using Transfer Learning** Implemented deep learning models (AlexNet/LeNet) for vehicle image classification with fine-tuning and performance comparison. **IMDB Sentiment Analysis using RNN, LSTM, and Deep Learning** Built NLP models in PyTorch/Keras for binary sentiment classification with custom preprocessing and evaluation metrics. **BERT-based Question Answering System (SQuAD 2.0)** Fine-tuned transformer model for extractive QA and evaluated performance on benchmark dataset.
g.	Research Grants / Funding (details, amount, agency): None
5	**Academic Contributions**
a.	PhD / M.Phil, / M.Sc. Supervision: None

	b.	Curriculum Development/ Syllabus Design: Contributed to the preparation of **laboratory manuals, course materials, assignments, and internal assessment components** for AI, Machine Learning, and Programming subjects.	
	c.	Workshops / Seminars / Conferences Attended or Organized: • Workshops and seminars on **Artificial Intelligence, Machine Learning, Data Science, Deep Learning, and Research Methodology** during M.Tech and teaching tenure. • Technical sessions on **Python Programming and emerging AI technologies**.	
6	**Awards & Achievements**		
	a.	Academic Honors: **None** *(M.Tech in Computer Science / AI & ML – Currently pursuing, 4th Semester.)*	
	b.	Awards / Fellowships: None	
	c.	Invited Talks / Guest Lectures: None	
7	**Web & Media Links**		
	a.	Personal Academic Website / Blog: Not Available	
	b.	LinkedIn / ResearchGate: www.linkedin.com/in/channambhika-ds	
	c.	YouTube / Media Appearances: None	
8	**Downloads / Attachments**		
	a.	Curriculum Vitae (CV) PDF: Attached	
	b.	Research Papers / Teaching Portfolio: • Handling **laboratory sessions and academic support** for undergraduate students in **Artificial Intelligence, Machine Learning, and Programming** at JVIT College, Bengaluru. • Assisting in **student project guidance, assignments, and internal evaluation activities**. • Preparing **teaching materials, lab manuals, and technical resources** for effective learning.	