RV COLLEGE OF ENGINEERING
Centre of Competence in Visual Computing

"Industry Certified Internship on Visual Computing"
1st September 2025

Week	Topic	Date and Time	Session Details
Python Programming and Image Processing			
1	Python Programming –Applications	01/09/2025 (9.30AM-11AM) (11.30AM-1PM) Monday	*Dr. Kavitha S N*
1	Python Programming –Pandas, Numpy, Matplotlib, Seaborn etc for Machine Learning (**Hands-on**)	02/09/2025 (9.30AM-11.30AM) (11.30AM-1PM) Tuesday	*Dr. Anala M R*
1	Tableau/PowerBI/R for Data Analytics (**Hands-on**)	03/09/2025 (9.30AM-11.00AM) (11.30AM-1PM) Wednesday	*Dr. Divya T L*
1	Data Anaytics using R (**Hands-on**)	04/09/2025 (9.30AM-11.00AM) (11.30AM-1PM) Thursday	*Prof. Purnima Kulkarni*
1	OpenCV for image processing (**Hands-on**)	05/09/2025 (9.30AM-11 AM) (11.30AM-1PM) Friday	*Dr. Mamatha T*
2	Introduction to Machine Learning Linear and Logistic Regression (**Hands-on**)	08/09/2025 (9.30AM-11AM) (11.30AM-1PM) Monday	*Industry*
2	Supervised learning SVM, Decision Tree, Naïve Bayes (**Hands-on**)	09/09/2025 (9.30AM-11AM) (11.30AM-1PM) Tuesday	*Dr. Anupama S Kumar*
2	Supervised learning – KNN Unsupervised learning - K means clustering, (**Hands-on**)	10/09/2025 (9.30AM-11AM) (11.30AM-1PM) Wednesday	*Dr.Divya T L*
2	Introduction to Neural Networks, MLP (**Hands-on**)	11/09/2025 (9.30 AM to 11AM) (11.30AM-1PM) Thursday	*Dr. Merin Meleet*
2	Neural Networks and its variants(CNN,RNN)	12/09/2025 (9.30 AM to 11AM) (11.30AM-1PM) Friday	*Dr. Anupama S Kumar*
2	Ensemble Learning	13/09/2025 (9.30 AM to 11.30 AM)	*Industry*

	CNNs and Transformers	(11.30AM-1.30PM) Saturday	
3	LLM and Gen AI Tools	15/09/2025 (9.30 AM to 11.30 AM) (11.30AM-1.30PM) Monday	*Mr. Gourav A B*
3	Exploring Literature, tools and technologies for the topics chosen	10/09/2025 -16/09/2025	*Mentors and Dr Anala M R*
3	Presentation by teams **Review I**	17/09/2025- 18/09/2025	*Mentors and Dr Anala M R*
4	Exploring various algorithms and Dataset, identifying appropriate one for implementation	19/09/2025- 26/09/2025	*Mentors and Dr Anala M R*
5	Presentation by teams **Review II** (Partial Implementation)	27/09/2025	*Mentors and Dr Anala M R*
6	Implementation and Documentation	28/09/2025- 12/10/2025	*Mentors and Dr Anala M R*
7	Presentation by the teams (**final review**)	13/10/2025- 15/10/2025	*Mentors and Dr Anala M R*