

College of Engineering and Technology

Project Work/Internship – Student Hand Book

Project Batch ID

Degree/ program	B.Tech	Specialisation	Computer Science & Engineering
Academic Year	2023-2024 (Even)	Semester	8

Name of student	Register Number	Department	Mobile Number	Email ID
Ritvik Kumar Singh	RA2011003010228	CTECH	7651831179	rs5051@srmist.edu.in
Tanya Singh	RA2011003010231	CTECH	9608373612	ts7307@srmist.edu.in

Working Title of the Project:	Apis Insight for Phenotype Classification and Hive Health Forecasting using IoT and Deep Learning
Project Site / Location	On-Campus
Name and address of the company / organisation (Applicable for projects with industry or industry support)	SRM IST, Kattankulathur, Chengalpattu District-603203

Supervision Team

	Supervisor	Co-Supervisor	External Supervisor (If applicable)
Name	Dr. A. Arulmurugan		
Designation	Assistant Professor		
Department	Dept. of Computing Technologies		
Campus	Kattankulathur		
Telephone	8940830755		
E-mail	arulmural@srmist.edu.in		

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Course Code	18CSP109L/ 18CSP111L	Course Title	Project
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Empowering global bee conservation through innovative technology, and revolutionize bee health monitoring, safeguard pollinators, and foster sustainable ecosystems for a thriving future.

Problem (or) Product Description:

Colony Collapse Disorder (CCD) poses a significant threat to the global bee population, with profound implications for agriculture and ecosystems. In the context of the beekeeping industry in India, this , this project emerges as a cutting-edge solution to address the challenges associated with CCD. By harnessing the power of image recognition and deep learning as well as real live time monitoring and providing a user-friendly platform for the assessment of individual bee health, subspecies identification, and prediction of the types of pollen a bee can carry along with live monitoring with sensors.

Assumptions and Constraints

Stakeholders

[illegible]

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Division of work and contributors

Time period		Activities or components of the project	Name/Register Number of the Individual Contributor	Names/Register Number of the Joint Contributors
From Date	To Date			

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Summary record of major progress meetings with supervisors

Summary record of major progress meetings with supervisors			Working title of dissertation/research project:	
Meeting date & supervisors present	Progress since last meeting	Agreed programme of work and target dates	Other issues, e.g. facilities, supervision, training needs, etc.	Date of next meeting

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Worksheet / Data collection / Observation etc

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Journal Publication Details



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