

FOUR WEEKLY EXPECTED OUTCOMES FOLLOW-UP REPORT

#	PO Ref	LO Ref	Structured Training Program Items	Activity Carried Out Under
		No.		(You may generate a list of activities carried out and the list number can be mentioned here. A single activity can be considered for more than one learning outcome achievement)
1	P01	LO2	H	feasibility study on "Real time trajectory generation, using machine vision."
		LO3	L	Discussion on importance of respecting Intellectual Properties of a company (Rules & Regulations) intellectual property
		LO4	L	Implementation of a research paper's algorithm using "C" programming language.
2	P02	LO1	L	Identifying fundamental components of the main problem "Real time trajectory Generation".
		LO4	L	Discussion on interfacing multiple sub systems together to form one single entity.
3	P03	LO4	L	Design components of the mentioned task (problem) to work in Real Time.
4	P05	LO2	H	Use industry level software development related tools for algorithm implementation.
5	P06	LO3	H	feasibility study on "Real time trajectory generation using machine vision."
		LO4	M	Familiarization session on the machinaries used in industrial robot implementation.
		LO5	H	Investigation on hardware platforms that should match the allocated budget.

6	P07	LO5	L	Discussion on requirements that should be satisfied by a hardware development platform.	* Realized the importance of taking the "Supporting period of a hardware platform" into a consideration when selecting a platform. Because production may go on for another ~5 years. * Gave a presentation on Non-Disclosure Agreement / Intellectual Property / Commercialization of a product with an IP.
7	P08	LO3	M	Discussion on Non-Disclosure Agreement / Intellectual Property / Commercialization of a product with an IP.	* Learned about Business Linkage Cell of University of Moratowa and its services.
		LO4	L	Discussion on importance of team dedication towards the allocated tasks.	* Learned about importance of working as a team and importance of doing what is assigned to you with maximum efficiency to achieve final goals of the project.
8	P09	LO4	H	Discussion on the relevance of each trainee's assigned task to others' tasks.	* Identified importance of compatibility of interfaces as the components of a system to achieve the final goals. * Understood the importance of regular communication with team mates.
9	P10	LO1	L	Composing a feasibility report prior to get into system implementation.	* Investigated different Machine Vision approaches to solve the given problem in real time. * Carried out and documented about timing requirements of algorithms.
		LO4	M	Timing analysis of various algorithms in order to choose a proper development platform.	* Benchmarked two implementations of an algorithm using different programming languages. (By computing their time complexities.)
		LO5	H	Discussion on the importance of taking the "cost" of a product into account.	* Discussed about the impact of cost of a product depending on the target market. * Investigated on low cost solutions for subproblems encountered.
10	P11	LO1	L	Composing a feasibility report prior to get into system implementation.	* Investigated different Machine Vision approaches to solve the given problem in real time. * Carried out and documented about timing requirement of algorithms.
		LO4	M	Timing analysis of various algorithms in in order to choose a proper development platform.	* Benchmarked implementation of an algorithm using different two programming languages. (By computing their time complexities.)
		LO5	L	Discussion on the importance of taking the "cost" of a product into account.	* Discussed about the impact of cost of a product depending on the target market. * Investigated on low cost solutions for encountered subproblems.

11	P12	LO1	M	Discussion on the difference between an undergraduate level project and an industrial project.	* Learnt the what a consumer expect from a product and importance of giving seeing the end product from the point of the view of a consumer.
		LO3	M	Self study about maintaining a readable source code as a member of a team.	* Went through a code written by another employee of the company to understand the various practices of maintaining and writing a the computer programme.
		LO4	H	Session on the rules and Regulations that should be followed by an employee.	* learnt about procedures related to applying for leaves as an employee.
		LO5	H	Investigation on hardware platforms that should match the allocated budget.	* Investigated about the cost of using different hardware platforms for the development and choosing as a an importance of choosing a cost effective platform for an industrial level product.

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