	Strengths points	Weakness points	Recommendations	Action Process
MATH201	The cooperation between student groups in everything asked of them.	The low level for many students to the basics of math.	More attention must be given to the students of the preparatory year in math courses.	Many parts of the lectures must be allotment to review the basics of math
	The relative response of the students in performing duties.	The weak memory of students for basic mathematics and mathematical laws.	Students have to take some lecturers to review the basics of mathematics that will be used in the course.	Connect each lecture with the previous lecture
	Some students managed to overcome the language problem.	Most of students are not qualified to discuss and imagine the problems.	A student should not take the course before completing its pre-requisite.	Deprive any student absences exceeded permitted.
		The absence of some students to attend lectures, especially the exercises.	Strict and firm commitment to the laws that govern the presence of students and deny any student exceeds these laws govern.	Not to allow the registration of any course to the students who did not succeed in the pre-request course.
MATH324	Tried to maintain attendance	Very week Concepts	There is a need to make the student more responsible towards their studies.	Parents of the poor academic record students may be motivated in this regard to help their sons and the University as well.
		Do not have the habit to work at home on daily basis	There is a need of inculcating the habit of "**working at home**" for most of the students	Faculty should assign some marks in any form to motivate the students. So that they have the habit of working at home as well.
		Do not feel responsibility towards their studies	Student needs to be encouraged to have some "**Goal in life**".	
		Less understanding of English language	Students should not be given liberty to re-appear in any exam if they missed it because of any reason. By doing this, University can help them to be more responsible as far as academic affairs are concerned	
S	Are able to perform the	Have shown a non-acceptable	Tutorials in Mathematics and English	There should be a meeting between the

	experiments correctly, do the data analysis and draw the results very nicely.	level of knowledge of the fundamental Physics concepts.	language are urgently needed in the first year of study.	representatives of Physics department and the admission & registration deanship to discuss items 2 and 3 of the Recommendations.
	Students have shown excellent work group.	Could not deal with simple mathematical equations correctly.	Raise the minimum grade needed for admission in Physics program.	Assign time schedule for starting the tutorials for all the students in the first and second years, with the coordination with other departments.
	Students managed to locate the information related to the subject correctly, and used excel software in an acceptable way.	Are not able to distinguish between the general Physics problems, or analyze or solve Physics based problems.	All students who fail in Physics course that is taken in their first year are not supposed to specialize in Physics.	Encourage students to attend the tutorials using different methods (e.g. giving extra marks, starting the tutorials directly after their classes)
PHYS202				
PHYS211	Develop skill for analyzing /solving problems	Student don't who how to write basic mathematical tools in physics	Make more home works	By lectures during 1436/1437
	Specifies application of physics	Don't know the correct mathematical tools to formulate/model the task	Solve mathematical problems using mathematical tools	
	Applying concepts and governing equations to solve problems			
PHYS231				

PHYS 241	Ability to work in groub	Applies correct concepts but chooses incorrect governing equations	Make more home works	By lactures..during 1436/1437
	Effective in a group and effort into team tasks		Solve mathematical problems using mathematical tools	
	Clearly understands personal responsibility			
	Manage several tasks at once			
PHYS291	Perform experiments, data acquisition, and data analysis and draw results and conclusions.	Recognize the knowledge of fundamental concepts in physics	Students tend to forget material from physics and mathematics (units, dimensions, conversions etc)	Use the first week to go through units, unit conversions, mathematic requirements etc.(comprehensive assignment for students to recollect prior knowledge).
	Develop the skill for analyzing/solving the physics based problems	Communicate and work effectively in groups as well as individually	Not all students tend to respect the spirit of team work.	The instructor will make team evaluation as a part of the lab grade in next semester
	Think creatively about scientific problems and their solutions, both orally and in written.		lab equipments not improperly installed	Instructor will successfully install lab equipment
			Students do not tend to adhere to lab safety requirements all the time.	Instructor will make the (plus minus grads) of adherence to the lab safety policy, as a part of lab participation grade
PHYS304	Think creatively about scientific problems and their solutions, both orally and in written	Outline mathematical tools in physics	The students needed to make connections between physical and mathematical concepts and procedures taught in the course in order to solve the problem.	Apply relevant mathematical concepts to enrich learning experiences.
		Develop the skill for analyzing/solving the physics based problems.	The students needed to present the homework before beginning Of the new lecture	Communicating results including collecting, illustrating, and interpreting calculated data.
		Communicate and work	Increase peer assessed presentation or project.	Read students' responses to any open-ended questions that discuss strengths,

		effectively in groups as well as individually		and list the comments mentioned frequently.
				Implementing new methods of instruction and assessment, colleges must have openness to changing the structure of the program. Class periods may vary from the standard 50-minute period to allow time for project development and team-teaching activities. If teachers in different subject areas are teaching integrated units, classes must be scheduled so that the same students are in class with each teacher in different blocks of time
PHYS304				
PHYS321				
PHYS322	Some of the students are serious to acquire more knowledge of electromagnetism	The other part of the students are not serious to have more knowledge of electromagnetism.	Students must prepare their lesson at home and must participate in class	About five to ten minutes before the lecture start we talk to the students very friendly and very kindly about the importance of having more and new knowledge in science.
	Some students are good in English Language.	The other part are very weak in English Language this why they got lower marks in the exams.	Students should have intensive courses in English during the summer.	We try to make many home works in very simple English Language so that students can understand the course and achieve high marks.
	Some of the students are Good in Mathematics so they are able to solve the equations	The other part are very weak in Mathematics this why they got lower marks in the exams.	Students have to be encouraged to get more knowledge in order to have suitable jobs when they graduated.	

PHYS332	Communicate and work effectively in groups as well as individually	Think creatively about scientific problems and their solutions, both orally and in written.	Identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.	Solve problems competently by identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.
	Recognize the knowledge of fundamental concepts in physics	Develop the skill for analyzing/solving the physics based problems.	Understanding of modern library search tools used to locate and retrieve scientific information.	An understanding of modern library search tools used to locate and retrieve scientific information.
				Explain the physics problem and its solution in both words and appropriately specific equations to both experts and non-experts.
PHYS342				
PHYS351	Communicate and work effectively in groups as well as individually	Think creatively about scientific problems and their solutions, both orally and in written.	Identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.	Solve problems competently by identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.
	Recognize the knowledge of fundamental concepts in physics	Develop the skill for analyzing/solving the physics based problems.	Understanding of modern library search tools used to locate and retrieve scientific information.	An understanding of modern library search tools used to locate and retrieve scientific information.
				Explain the physics problem and its solution in both words and

				appropriately specific equations to both experts and non-experts.
PHYS392	Communicate and work effectively in groups as well as individually	Think creatively about scientific problems and their solutions, both orally and in written.	Identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.	Solve problems competently by identifying the essential parts of a problem and formulating a strategy for solving the problem. Estimate the numerical solution to a problem. Apply appropriate techniques to arrive at a solution, test the correctness of the solution, and interpret the results.
	Recognize the knowledge of fundamental concepts in physics	Develop the skill for analyzing/solving the physics based problems.	Understanding of modern library search tools used to locate and retrieve scientific information.	An understanding of modern library search tools used to locate and retrieve scientific information.
				Explain the physics problem and its solution in both words and appropriately specific equations to both experts and non-experts.
PHYS393	Both students acquired more than 70% of the required LO's	Statistics are not accountable due to the small number of the section	None	None
PHYS201				
PHYS201				
P				

