

B.N.M. Institute of Technology
An Autonomous Institution under VTU, Approved by AICTE

Department of Physics

Minutes of the Meeting

Meeting Details	BOS Meeting
Date	23.10.2021
Time	10.30am – 3:00 pm
Venue	A119 (GD – 1) Auditorium Block, BNMIT

Members Present	1. Dr. Deepa H R Professor and Head Dept. of Physics BNMIT, Bengaluru – 560070	Chairperson
	2. Dr. Suresh Kumar H M Professor and Head Dept. of Physics Siddaganga Institute of Technology Tumkur-572103	Member (VTU Nominee)
	3. Dr. J. Thipperudrappa Professor and Chairperson Dept. of Physics, Vijayanagara Sri Krishnadevaraya University, Jnana Sagara, Ballari, Karnataka 583105	Member (Subject Experts from outside the College nominated by Academic Council)
	4. Mr. Anil Kumar Secretary, Kamaljeeth Science Foundation, Bengaluru-560 094	Member (Representative from industry)
	5. Dr. K N N Prasad Associate Professor, Dept. of Physics BNMIT, Bengaluru – 560070	Member
	6. Mr. Chandrasekhar S Assistant Professor, Dept. of Physics BNMIT Bengaluru – 560070	Member
	7. Dr. S. Balasaraswathy Assistant Professor, Dept. of Physics BNMIT, Bengaluru – 560070	Member Secretary
Members Absent	Nil	

Agenda	<ol style="list-style-type: none"> 1. Welcome address 2. Introduction 3. Presentation of Scheme & Syllabus 4. Best practices 5. Suggestions/Recommendations from External Subject experts 6. Concluding remarks 	
Proceedings of the meeting		
Dr. H R Deepa Chairperson	<ul style="list-style-type: none"> • Welcome address • Introduced the external & Internal BOS members. • Presented the scheme and Syllabus of Applied Physics & Engineering Physics Lab for the academic year 2021-22. • Presented the best practices planned to implement for the academic year 2021-22. 	
	Recommendations/Suggestions	Action to be Taken
VTU Nominee Dr. Suresh Kumar H M Prof. & Head, Dept. of Physics SIT, Tumkur	<u>For Applied Physics:</u> <ul style="list-style-type: none"> • The allotted lecture hours are 2 per week, which are not sufficient to complete 40 hours of syllabus in a semester. Highly recommended to have at least 3 hours of lecture hour per week and one tutorial class per week. 	<ul style="list-style-type: none"> • To be discussed and incorporated
	<ul style="list-style-type: none"> • Recommended to have equal number of hours for each module and equal weightage should be given while framing the question in question paper. 	<ul style="list-style-type: none"> • 40 hours of syllabus content has been divided into 5 modules each of 8 hours.
	<u>For Engineering Physics Lab:</u> <ul style="list-style-type: none"> • Appreciated J (Project) component under Physics Lab. 	
	<ul style="list-style-type: none"> • Strongly recommended additional credit for project component 	<ul style="list-style-type: none"> • Physics course-project is an extended lab. It is a part of Physics Lab.
	<ul style="list-style-type: none"> • Recommended to write separate evaluation process for assessing projects. 	<ul style="list-style-type: none"> • To be discussed and incorporated
External Subject Expert Dr. J. Thipperudrappa Professor and Chairperson Dept. of Physics, VSKU Jnana Sagara Ballari, Karnataka 583105	<u>For Applied Physics:</u> <ul style="list-style-type: none"> • The allotted lecture hours are 2 per week which are not sufficient to complete 40 hours of syllabus in a semester. Suggested to increase number of contact hours per week. Can have only one tutorial class. 	<ul style="list-style-type: none"> • The lecture hours are clubbed with tutorial. Hence the number of hours required to complete the syllabus will be sufficing.
	<ul style="list-style-type: none"> • Recommended to refine the Course Learning Objectives. 	<ul style="list-style-type: none"> • Course Learning Objective has been refined.

	<ul style="list-style-type: none"> • Suggested for fine tuning of syllabus 	<ul style="list-style-type: none"> • Syllabus has been fine-tuned as per their suggestions.
	<p><u>For Engineering Physics Lab:</u></p> <ul style="list-style-type: none"> • Appreciated J (Project) component under Physics Lab. 	
	<ul style="list-style-type: none"> • Strongly recommended separate credit for project component. 	<ul style="list-style-type: none"> • Physics course-project is an extended lab. It is included in the lab.
	<ul style="list-style-type: none"> • Suggest to remove Transistor Characteristics experiment and to include any experiment relevant to electrical properties of metals. 	<ul style="list-style-type: none"> • The experiment “Transistor characteristics” has been replaced with the experiment “Determination of resistivity and mobility in the metal” as per their suggestion.
<p>Expert from Industry</p> <p>Mr. Anil Kumar Secretary, Kamaljeeth Science Foundation Bengaluru-560 094</p>	<p><u>For Engineering Physics Lab:</u></p> <ul style="list-style-type: none"> • Suggested to include Laser related experiments. 	<ul style="list-style-type: none"> • Introduced an experiment to study Laser Characteristics
<p>Concluding Remarks by Member Secretary</p>	<p>Dr. Balasaraswathy S acknowledged all the members, for their valuable time spent during the BOS meeting. Conveyed thanks for their inputs and suggestions.</p>	

