



## DEPARTMENT OF BASIC SCIENCES

*Science Forum Initiative*

*3 Day Faculty Development Program (FDP)*

*On*

*Guru Vikas- Science Faculty Development Program (FDP) Empowering Teachers, Transforming Education*

*Organized by*

*Department of Physics, Chemistry, Mathematics*

*Time Schedule*

**On 6<sup>th</sup> May, 2026**

**8:00 AM to 8:30 AM : Registration**

### **Technical Session-1**

**Topic: \*Recreation of Einstein's Path: A Prompt Approach in Gen AI Era\***

**8:30 AM to 10:00 AM : Dr. Abhiram J**  
Asst. Prof. Dept. of Physics  
Sir M Visvesvaraya Institute  
of Technology, Bengaluru.

**10:00 AM to 10:10 AM : Inauguration Function**

### **Technical Session-2**

**Topic: \*Effective Teaching Methods in Physics and concept building\***

**10:10 AM to 11:30 AM : Dr. Somasekara Sidiginamale**  
Ret. Professor of Physics and  
Principal, Vijaya Nagara College,  
Hosapet.

**11:30 AM to 11:40 AM : Tea break**

### **Technical Session-3**

**Topic: \*Recent Advances in Physics: insights for Physics faculty\***

**11:40 AM to 1:00 PM : Dr. P Nagaraju**  
Principal G V S College  
Anekal



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1:00 PM to 2:00 PM : Lunch Break

### Technical Session-4

Topic: \*Strategies for preparing students for competitive Examinations such as International Olympiads.\*

2:00 PM to 3:20 PM : Dr. P Nagaraju  
Principal G V S College  
Anekal

3.20 PM to 3:30 PM : Tea break

### Technical Session-5

Topic: \*Algorithms and Accuracy: Communicating Science in AI Era.\*

3:30 PM to 4:30 PM : Dr. Abhiram J  
Asst. Prof. Dept. of Physics,  
Sir M Visvesvaraya Institute of  
Technology, Bengaluru

### Technical Session-6

Topic: \*Slow light and uniting light and matter\*

\*Quantum ghost imaging\*

4:30 PM to 5:30 PM : Dr. Somasekara Sidiginamale  
Ret. Professor of Physics and  
Principal, Vijaya Nagara College,  
Hosapet

Dr. Nagabhushana N M  
FDP Convenor & HoD  
Dept. of Physics

Dr. N M Kottureshwara  
FDP Convenor & HoD  
Dept. of Chemistry

Dr. Sumangala B  
FDP Convenor & HoD  
Dept. of Mathematics