

## DEPARTMENT OF PHYSICS & ELECTRONICS

### INDUSTRY-ACADEMIA MEET

The **Industry- Academia Meet 2022** held on **17<sup>th</sup> March 2022** at **conference hall** from **2:00 pm to 5:00 pm**. The experts from **Research Institutes, Industry and Academicians** from other organizations along with the **In-house faculty** attended the session and made the following suggestions in Physics course based on industry needs to bridge the gap between industry and academy.

Resolutions of the **Industry- Academia Meet 2022** in **Physics Course** as mentioned here under;

1. The meeting begin with the prayer by Rev.Fr.T.UdayaBhaskar at 2:15 pm.
2. Mr.M.Sravan Kumar introduced the members of the meet.
3. Mrs Mary Vinaya Sheela, Dean Academics welcomed the resource persons (Subject Experts) of the day and Industry experts and addressed the gathering.
4. Dr.Balabhaskar and Prof.D.Sureshbabu suggested to go with weightage of 20% and 80%.If internal assessment is continuous and examinations conducting proper form then proceed with the same.
5. Prof.D.sureshbabu has suggested to give more priority and weightage to the practical component and also suggested to increase the credits for practical component.
6. Prof.D.sureshbabu has suggested completing the syllabus better to give home work problems for better practice.
7. Dr.Balabhaskar suggested keeping managerial skills as one of the SEC or AECC paper.
8. Prof.D.sureshbabu has suggested another paper in place of Environmental studies.
9. Prof.D.sureshbabu has suggested improving the physics projects and practical approach in labs.
10. Dr.PSR Prasad suggested to improve the physics projects and research orientation for final year students.
11. It was suggested to improve the industry visits to grab the attention from te students to opt Physics as main stream in their Future.
12. It was suggested to give basic research to the students.
13. Dr.PSR Prasad suggested following Kerala and west Bengal syllabus for betterment of physics curriculum content further, and improvement in basic research oriented course as SEC.
14. Board suggested to improve the physics course see the syllabus of CSIR/IIT-JAM syllabus and North universities for better future in physics.

15. Board suggested giving theory and problems and experimental oriented projects.
16. Dr.Balabhaskar suggested adding cantilever as one of the applications in bars in paper-2 and Carnot's cycle application any one included in unit-1 also solar constant measurements in unit-4 of paper-3.
17. Prof.D.sureshababu has suggested to remove unified physics text books from library
18. Dr.Balabhaskar suggested including particle in a box 1-D and 3-D in unit-3 of modern physics paper-5.
19. Add Raman Effect experiment in practical's list from ocean optics make availability of Carbon tetra chloride liquids.
20. Board suggested that **Renewable energy and energy harvesting or Fundamentals of Physics or Atmospheric science or Nano Science** as Generic Elective paper.
21. Board suggested that electrical repair/mobile repair/computer hard ware and networking for physics students.
22. Board suggested to make mou's with companies to offer internships for electrical and electronics.
23. Board unanimously accepted the policies and appreciated the management for timely update and focussing on quality measures towards strengthening the curriculum.