

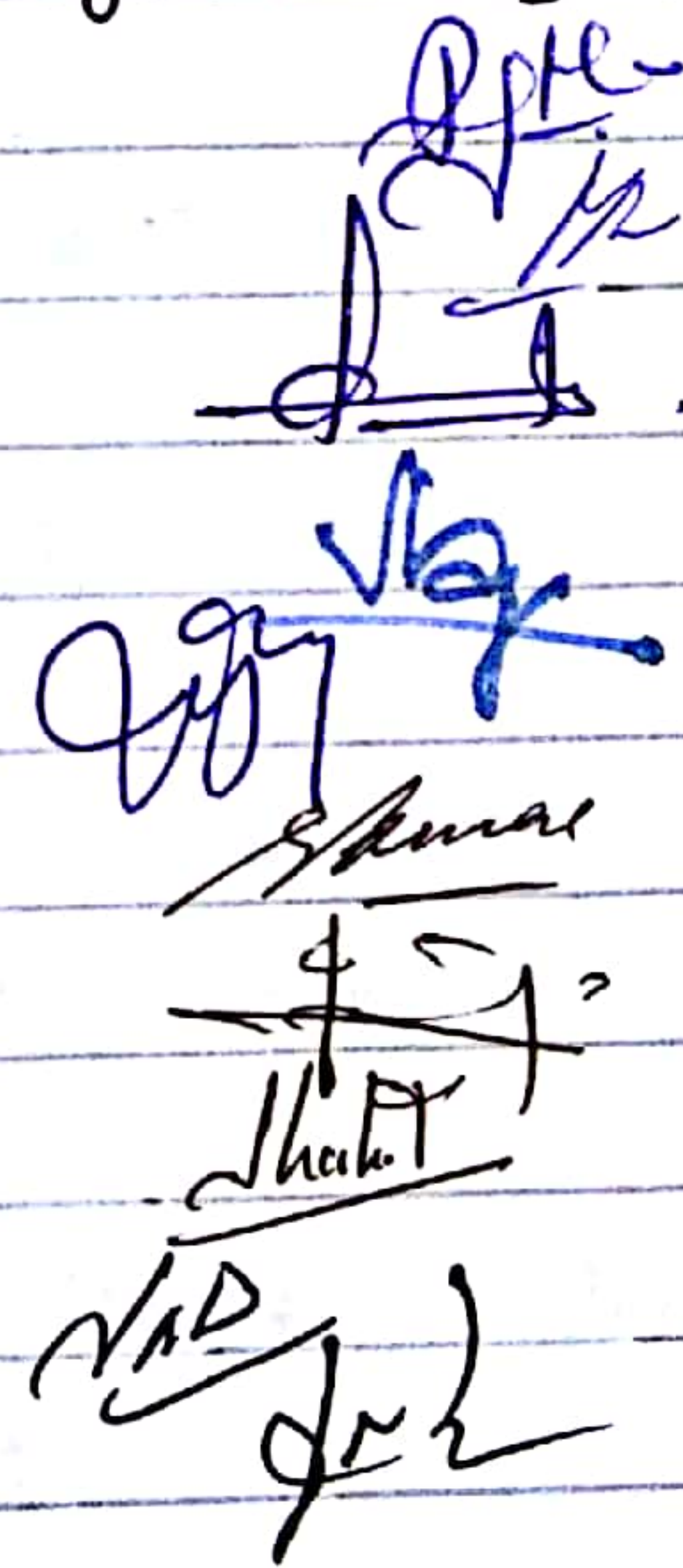
Meeting of the Board of Studies - Physics
 Mahatma's College held on 6-4-2015 in
 the research lab at 10.30 AM.

Agenda.

1. UG curriculum
2. PG curriculum
3. Regulations.
4. Any other matter.

Members present

1. Dr. K.K. Vijayan (HOD) Physics
2. Dr. Pramod Gopinath
3. Dr. M.R. SANKHARDEV
4. Dr. A.S. Asha
5. Dr. N. Shaji
6. Dr. M.K. Jayaraj
7. Dr. Sivakumar C
8. Dr. Tijo P.U.
9. Sheeba.P.X
10. Sabu Thomas
11. Dhanu V.B.
- 12.



Suggestion / Decision

UG.

- Include more activities for students to increase interest in the subject $\rightarrow$ Quiz programs, review of books, cultural programs, computer and soft skill.
- A new elective contemporary Physics can be included in addition to Materials science & nanotechnology.
- Handouts may be given to students for the new topic introduced.
- Include new experiment in practicals, modify the existing experiments.
- Do analysis of the experiments done $\rightarrow$ application of the particular experiment.
- Study tour / industrial visit / field visit may be included in the syllabus.
- Summer internship/project $\rightarrow$ an internship compulsory by all students in the three year program.
- The paper electronics may be named as Basic electronics and the digital electronics paper may be called as advanced electronics.
- Mathematical paper should contain vector analysis, complex numbers, matrices, partial differential eqns and calculus.

PG.

- Rearrange the papers in Semester I & II such that it has one or two tough papers and two lighter ones.
- In computational physics paper - logarithmic maps may be included in numerical methods.
- M.Sc. Phys. - Astrophysics & Astrophysics for Materials Science.
- Materials Science paper should include topics on solid state physics, nano materials, optoelectronic materials and devices.
- Math lab and Pci lab can be used to do experiments.
- Seminar may be modified as one seminar per semester.

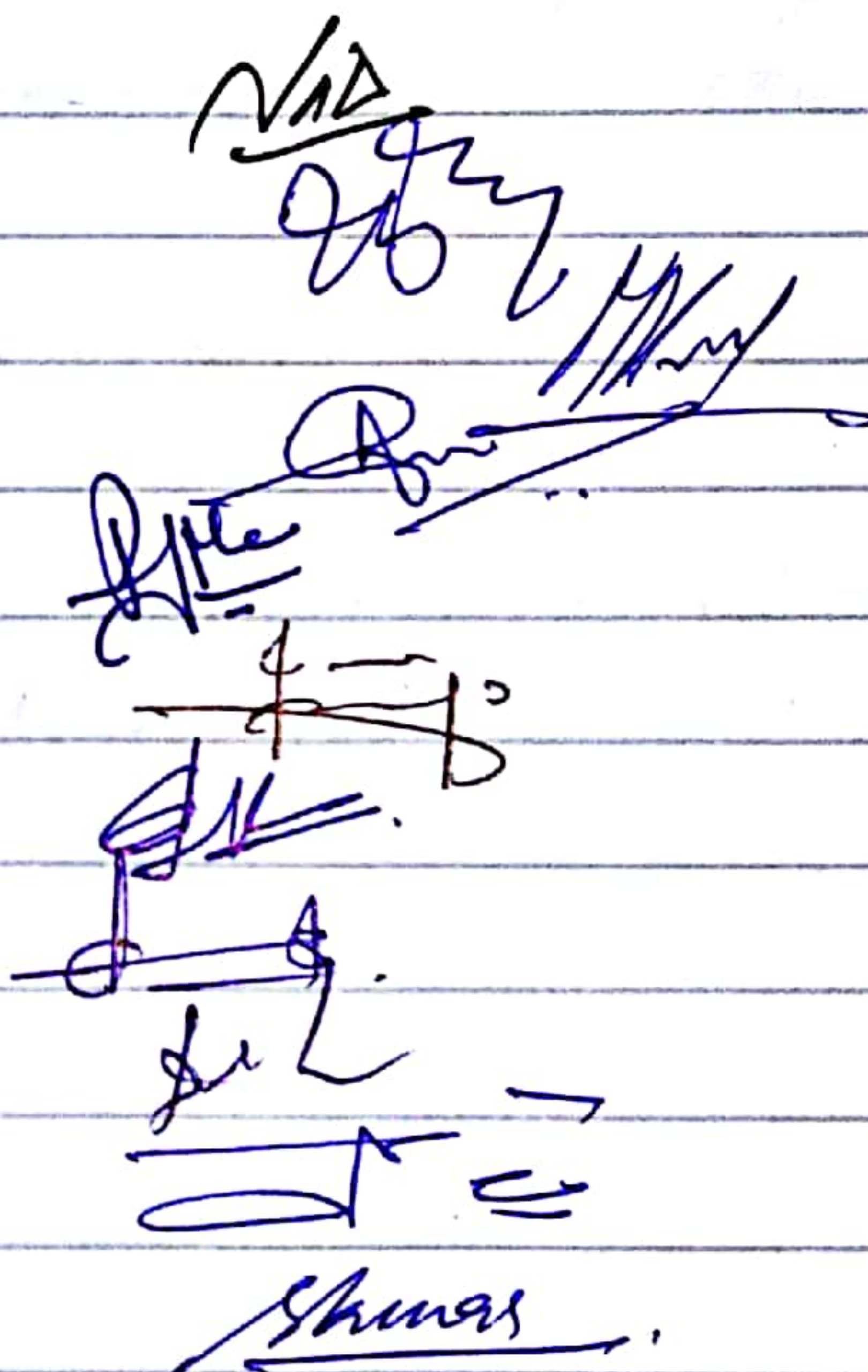
Meeting of the Board of Studies - Physics Maharaja's College
Ernakulam held on 30/11/2015 at P.G lecture hall & at 2pm

Agenda

Discussion and approval of Revised syllabus UG & PG

Members Present

1. Sabu Thomas
2. M.K. Jayaraj, Prof. & Head, CUSAT
3. M.R. SANKHA SEVI
4. G. Ambika
5. Premod Gopinath
6. Jijo P.U.
7. M. Gopikrishna
8. A.S. Ashe
9. Jann V.J.
10. Malheer George
11. Sivakumar C.



Decisions and suggestions.

The restructured syllabus for BSc Physics, BSc Physics - Instrumentation and MSc Physics with two elective groups - Theoretical Physics and Applied Physics for the academic year 2016-2017 onwards has been discussed with reference to draft copy by the Board of Studies, Department of Physics, Maharaja's College, Ernakulam and approved.

The Board of Studies has pointed out the following suggestions to present before the academic council for future consideration

1. Allocate few hours and enhance the credits to project/ dissertation work for PG course.
2. Conduct seminar along with general viva-voce at the end of fourth semester exam of PG course.
3. The seven point Grade system for UG and PG to be replaced either by 10 point system or seven point grade system with maximum grade point of 7.
4. The attendance given to students on the basis of medical certificate and other activities like sports, arts & NCC etc. need to be awarded only to achieve the minimum of 75%.
5. A uniform pattern for giving credits based on the contact hours has to be implemented.
6. Remark whether the category adequate need to be considered for eligibility for higher education.

Meeting of the Board of Studies - Physics, Maharaja's College, Ernakulam held on 7/8/17 at Dept. staff room at 3.30 pm.

Agenda:

Reconstitution of Department Board of studies

Members present

Dr. Robin Frances.

Dr. M. Gopekrishna.

Dr. Dann. V. J.

Dr. C. Sivakumar

Decisions & suggestions.

- Discussed the merits and demerits of the new autonomous syllabus for both P.G and U.G.
- New internal members for the Board of Studies are elected and following are the new members.

Robin Frances (Chairman)

V. Sheeja.

Dr. C. Sivakumar

Dr. Dann. V. J.

Viji. C

Dr. M. Gopi Krishna.

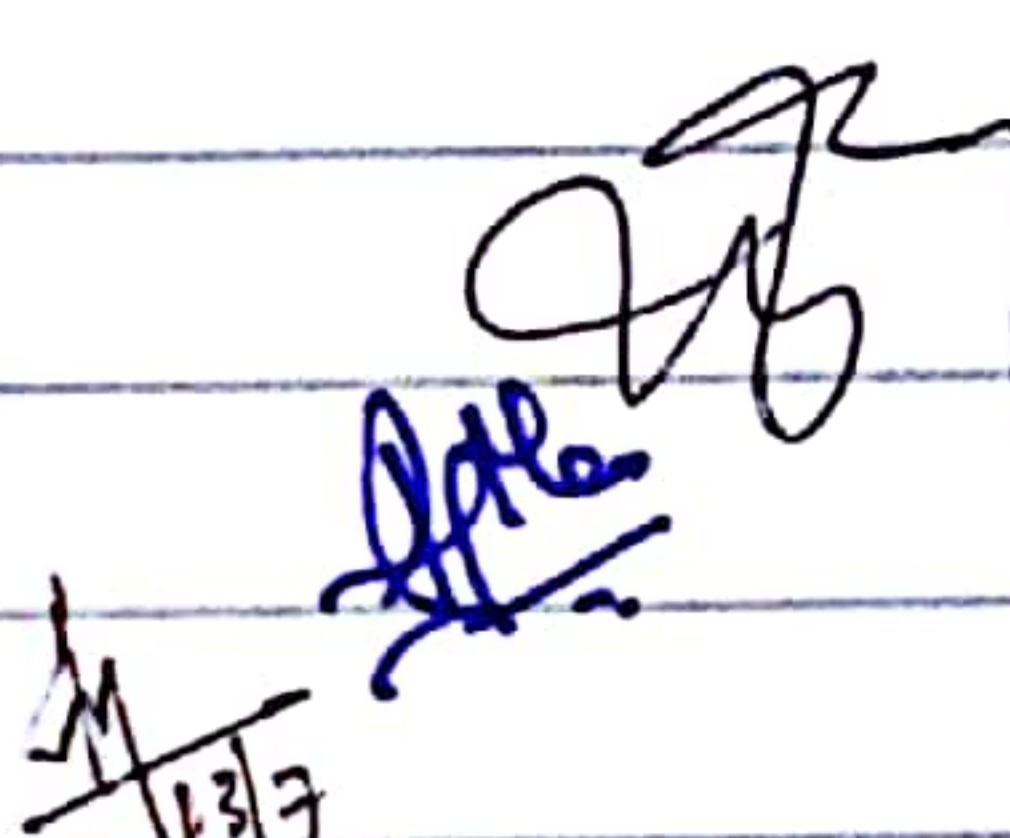
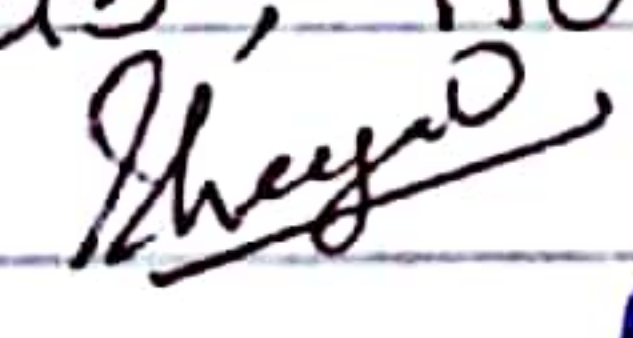
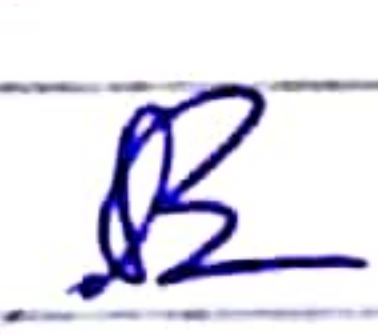
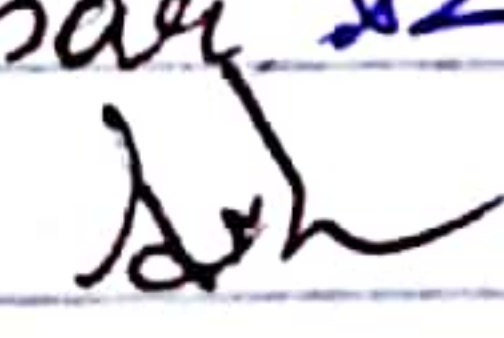
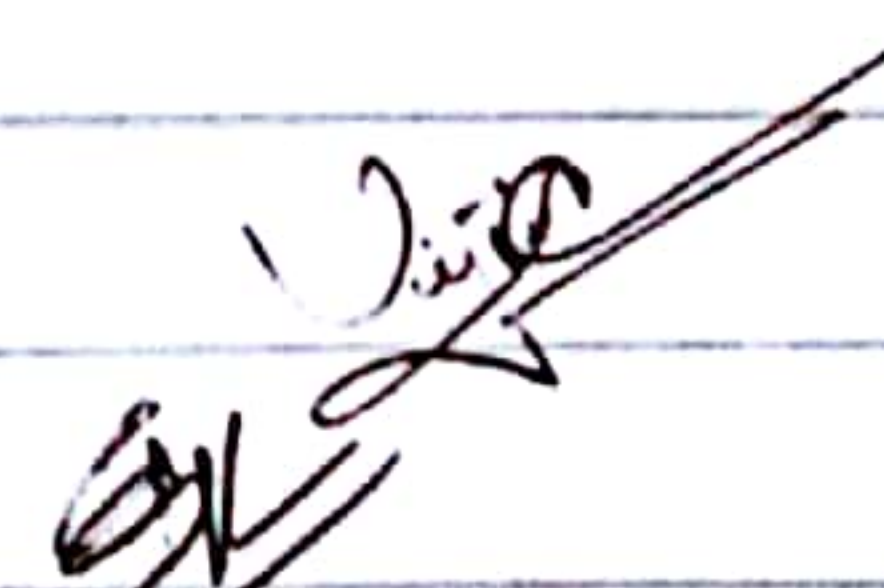
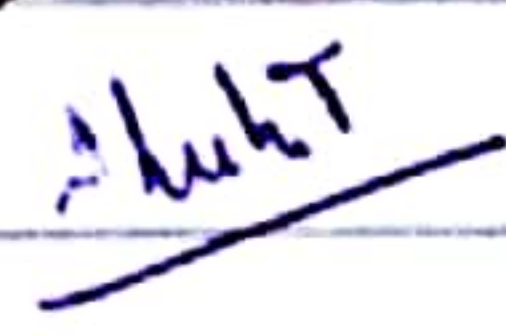
Sheeba. P. X.

Meeting of the board of studies - Dept. of Physics,
Maharaja's College, EKM held on 13-7-2018 at P.G. lecture
hall 2 at 10.30 a.m.

Agenda.

PG syllabus modification

Members present.

1. Dr. M. K. Jayaraj, Prof. of Physics, CVSAT
2. Dr. Pramod Gopinath, Professor, ISP, CVSAT
3. Robin Francis, HOD, Dept of Physics, 
4. V. Shreeja 
5. Dr. C. Sivakumari 
6. Dr. V. J. Datta 
7. Viji. C
8. Dr. M. Gopikrishna 
9. Shreeba. P. X. 

Decisions / Suggestions.

The board of studies meeting was convened to propose the modifications in P.G. syllabus.

The meeting proposed modifications in the following papers.

Semester I

1. Mathematical Methods in Physics - I
2. Classical Mechanics

3. Electrodynamics.

Semester II

4. Mathematical Methods in Physics II

5. Quantum Mechanics. I

6. Statistical Mechanics.

Semester III

7. Computational Physics

8. Nuclear & Particle Physics.

9. Semiconductor device physics & microelectronics

10. Material Science.

Semester IV

11. Quantum field theory.

12. Photonics

13. Electronic Communication & D.S.P.

The proposed syllabi is attached.