4-6-2016.

Minutes of the Physics board of Studies meeting held on 4-6-2016 at 10 am in the Department of Physics, St. Albert's college.

Committee Name : BOS - Physics
Meeting Numbers : SAC/BOS-Phy/16-17/01
Day, Date & Time : Saturday, 4-6-2016 - 10

Members Present:

	Name	Signature
1.	Dr. Nelson Rodrigues, Asso. Professor St. Albert's college, Ernakulam. Chairman, BOS physics.	
2.	Dr. M.K. Jayaraj, Professor Dept. of Physics, CUSAT	
3.	Dr. Pramod Gopinath, Professor ISP, CUSAT	
4.	Dr. V.J. Peter, Principal St. Pauls college, Kalamassery	
5	Dr. Nandakumar Kalarikkal Asso. Professor: SPAP, M.G.U.T.	

The first meeting of Board of studies was held on 4-6-16 saturday at 10 am H.O.D welcomed the members of the Board of studies after the silent prayer and straight away started the discussion. After the program briefing from the chairman Dr: Nelson Rodrigues.

The subject experts from Cochin University of Science & Technology (CUSAT) and M.G. University contributed to the discussions

1. Prof.(Dr.) Jayaraj Thumpilmes CUSAT
2. Prof (Dr). Pramod CUSAT.
3. Dr. Nandakumaran, School of Pure & Applied Physics, M.G. University Kottayam.

UG Physics ..> It was decided to follow existing M.G.U syllabus as such including S5 General Elective - Computational physics and S6 - choice based - Renewable Energy.

UG. BVOC - It was decided to follow the existing syllabus and also to include more practicals by reducing unwanted theory papers

P.G Physics. It was decided to follow existing M.G. University syllabus with Electronics as specialisation.

P.G. space Science & Technology.

It was decided to follow present syllabus till the end of UGC Innovative program period.

The Meeting was ended with vote of thanks by Dr. Nelson Rodrigues.

1. Dr. Nanda kumar Kaladkkal.
2. Dr. Nelson Rodrigues
3. Dr. M. K. Jayaraj
4. Dr. Pramod Gopinath
5. Dr. V. J. Peter
6. Dr. SUNISH K.S
7. Ms. Cicily Rigi VJ
8. Ms. Vigi Williams
9. Ms Pearl Antonette Mendez
10. S. Charles
11. Shaji Joseph E.
12. Justine Paiva
13. Dr. Sajesh T.H
14. AUGUSTINE SUMESH C.S

24-6-2017

Minutes of Board of Studies of physics meeting held on 24-6-2017 at 11 am in the Dept of Physics St. Albert's College Ernakulam

Committe Name:- Board of studies of physics
Meeting Number :- SAC/BOS-phy/17-18/03

Topics of Discussion:
1. Adoption of revised and newly introduced Syllabi of M.G University for PG & UG program in the Dept of physics St. Albert's College Ekm.
2. Critical Evaluation of new syllabus
3. Discussion on new instructional methods
4 Formation of committe for syllabus revision for next Academic year

List of Members present:	Members Absent
1. Dr: Nelson Rodrigues	1. Dr: Nandakumar
2 Dr: Pramod	2. Dr. Lonie Probe
3. Dr: Vimala George	3
4. Prof. Lawrel Gregory	
5. Prof. Shaji Joseph	
6. Prof. S. Charles	
7. Prof. Augustine Suresh	
8. Miss Steffy Thomas	
9. Miss Cicily Antony	
10 Miss Pearl Antonette Mendez	
11. Dr. Prasanth KP	
12. Prof. Sheyad	

After the program briefing of the Chairman Dr. Nelson Rodrigues, Board of studies members presented the slides started the discussion from the Bsc physics, BVoc courses to Msc physics, Msc Space Science PG courses.

Common decision has been taken unanimously to follow the existing syllabus (UG syllabus of M.G University). Also decided to follow present internal and external mark ratio for the academic year 2017-18.

For BVoc, It was decided to follow the present syllabus of M.G University. and also constituted the committe for syllabus revision as.

Msc physics.
It was decided to follow existing M.G Univ. syllabus by including self study course. and also constituted the committe for syllabus revision

Msc Space Science & Tech. It was decided to follow existing M.G University syllabus.

The meeting was ended with vote of thanks by Prof. Lawrel.

1. Dr Nelson Rodrigues
2. Dr Pramod Gopinath
3. Dr Vimala George
4. Prof Lawrel Gregory
5. Prof. Shaji Joseph
6. Prof. S. Charles
7. Prof. Augustine Sumesh
8. Mrs Sleffy Thomas
9. Mrs Cicily Antony
10. Mrs Reni
11. Dr Prasanth
12. Prof Thajudeen Akbar Antony Alex
13. Dr Sajesh T.H

8.3.2018

Minutes of Board of studies of physics held on 18.3.18 at 8 a.m. in the dept of physics, St Alberts College, Ernakulam.

Committee name : Board of studies of Physics

Meeting number : SAC/BOS-PHY/17-18/04

Topic of Discussion

Syllabus revision of UG (2017 - new MG syllabus)

Members Present	Members Absent
1. Dr. Vimala George	1. Dr. Nandakumar
2. Dr. Nelson Rodrigues	2. Dr. Pramod.
3. Prof Lawrence Gregory	
4. " Shaji Joseph	
5. " S. Charles	
6. " Justine Paiva	
7. Dr. Louie Frobel	
8. Dr. Sajeesh T H	
9. Prof Augustine Sumesh	
10. Prof Stefy Thomas	

The program began with a prayer
Then the Chairman introduced
the agenda and a committee was
formed to revise the new UG Syllabus

The committee consisted of Prof Lawrence Pagony
Prof Shaji Joseph and Prof Stefy Thomas.

The time for submission of the new revision
was within three days of meeting.
Meeting ended with a vote of thanks from Justine sir

Follow up

The committee presented before the chairman
the revised syllabus consisting of
eighteen (18) lab experiments to add
to existing core Bsc lab expts to spread
from S1 to S6.

Also the committee presented a new paper
to add to the choice based courses list
of UG S6 - Fundamentals of Atmospheric Sciences

Minutes of Board of studies of physics held on 3.11.18 at 10 am in the dept of Physics

Committee name: Board of studies of Physics

Meeting number SAC/ BOS-PHY/18-19/01

Topic of Discussion

Syllabus revision UG, PG, Space Science, BVoc
M.Voc draft syllabus.
Research Centre

Members Present	Members Absent
1. Dr. Vinitha George	1. Dr. Nandakumar
2. Dr. Ninan Sajith Philip	2. Dr. Pramod.
3. Dr. Nelson Rodrigues	
4. Prof Lawrence Gregory	
5. " Shaji Joseph	
6. " S. Charles	
7. " Justine Paiva	
8. Dr. Louie Frobel.	
9. Dr. Sajeesh T H	
10. Prof Augustine Sumesh	
11 Prof Roshini George	
12 Prof Cicily Antony. T	
13 Prof. Nithya. S. Menon	
14 Asst Prof. Greeshma. S	
15 Asst Prof Aparna Unnikrishnan	
16 Asst Prof Sobitha Sudheer. M	
17. Asso Prof Karthika P.P.	

The meeting minutes

1. Approved MGU 2017 UG syllabus adopted as St Alberts College, autonomous syllabus to continue in S5 and S6 UG

2. New syllabus for UG to be implemented from JUNE 2019

3. BVoC renewable syllabus to replace irrelevant papers with more renewable energy topics / papers

4. PG syllabus to be revised to become at par with latest developments in science world.

5. Regarding PG Physics, the drafted unimplemented MGU syllabus can be scrutinized and adopted after sufficient revisions.

6. UG syllabus shall be worked by each teacher in his/her paper and ended by NOV 15.

7. External experts apart from BOS can be approached for BVoC revision

8. MSc Space Science and Tech equivalency is a problem
Latest UGC circular addresses this problem which is to be studied, suggested Shaji sir

For P.G. Space Science equivalency issue

9. Syndicate shall be approached suggested Shaji sir. Convincing them, the issue can be satisfied.

10. Research centre can accommodate Msc Space Science, MVoc also.

11. PG Space Science revised syllabus to be readied by JUNE 2019
Rajan sir, Johnson sir, Polly sir Nelson sir and others can be approached for help.

Minutes of Board of Studies of Physics held on 8.12.18 from 9.30 a.m. in the dept of Physics

Committee name : Board of studies of Physics

Meeting no: SAC/BOS-PHY/18-19/02

Topics of Discussion

Revision of UG Physics
PG Physics
PG Sphee Science
UG B Voc Renewable energy.
Research Centre, Certificate Programs.

Discussion on

Members Present:

1. Dr. James Kurian CUSAT
2. Dr. Trupthy Warrier CUSAT
3. Dr Pramod Gopinath CUSAT
4. Dr. Nelson Rodrigues
5. Prof Lawrence Gregory
6. Prof Shaji Joseph
7. Prof S. Charles
8. Prof Justine Paiva
9. Prof Rhonie Frobel
10. Dr Sajeesh T. H.
11. Prof Augustine Sumesh
12. Prof Cicily Antony T
13. Prof Kasthika P P
14. Prof Abinash John Peter.
15. Prof Roshini George
16. Prof Lakshmi Narayanakutty

The meeting minutes

Minutes of Board of studies of physics held on 28.12.2018 from 10am in the Dept of physics

Committe Name : Board of studies of physics

Meeting No SAC/BOS-PHY/18-19/02

Topics of Diescussion : Syllabus revision UG, PG

The meeting started with silent Prayer at 10.a.m.
Chairman Dr. Nelson Rodrigues briefed the board about the day's programme. Agenda was praxuted by Prof Lawrel Gogoy of dept.

The UG revision was introduced to the Board by Dr. Sajeesh.
The changes — S5 Open course - Physics in Daily life
S6 — Choice based course - Computational Physics
It was also decided to replace theory and practical of C++ with Python.
Existing UG complementary for Maths & Che was revised.
for PG, two papers - Solid State Physics and were revised. - Instrumentation and Communication Electronics
for PG, open elective the board added a paper Machine language and A.I.
for PG Space Science Theory —
GIS, Radio Astronomy, NAVIC added to the existing syllabus.
Practicals - add atmospheric expts with IDL software.
for Renewable - The UG existing syllabus was revesed.

The meeting concluded with a Vote of thanks by Prof Shaji Joseph at 1 p.m.

Meeting of Board of Studies of Physics held on 23.02.2019 from 10 am in the Dept of Physics

Topics of Discussion

Revision of UG physics
PG physics
PG Space Science
UG B.Voc. Renewable Energy
Research Centre

Members Present

1. Dr. James Kurian CUSAT
2. Dr. Issac Paul
3. Dr. Pramod Gopinath
4. Dr. Nelson Rodrigues
5. Dr. Lenie Frobel
6. Dr. T.H. Sayeesh
7. Prof. Laurel Gregory
8. Prof. Shaji Joseph
9. Prof. S. Charles
10. Prof. Justin Pavia
11. Prof. ~~Akbarbash~~ Abinash
12. Prof. Karthika
13. Prof. Cecily
14. Prof. Sanju Augustine

Minutes of the Meeting

1. The meeting started with a silent prayer. Chairman Dr. Nelson Rodrigues welcomed the members.
2. Todays agenda was presented by prof. Laurel Gregory, Senior member of the Department.
3. Syllabus revision of B.Sc. Physics has been considered. The changes made in the syllabus has been presented by Dr. Sajeesh T. H. Minor changes made in the syllabus, and also the introduction of Python replacing CPP (theory and practical) has been accepted by the BOS.
4. University nominee enquired about the inclusion of environment-related topics in the syllabus and the same has been clarified.
5. He also directed to include study tours as a compulsory component as a zero credit papers in the syllabus. Submission of industrial visit report is mandatory for appearing for the exam.
6. The University nominee ensured that the revision made in the complementary papers will not affect the work load.
7. Board of studies then considered the revision of PG Physics Syllabus. Chairman proposed to introduce one module on artificial intelligence in the fourth semester, and as per the advice from the subject experts, Dr Pramod Gopinath and Dr. James Kurien, it was decided to include as a full paper in the elective bunch
8. University nominee commented to change the P.G Syllabus in par with the proposed university syllabus so that thus as to avoid the issue with work load.
9. The BOS accepted the changes made in the syllabus prepared for M.Sc. Space Science and Technology come with the inclusion of GIS, Python, Python Lab, Naviz, replacing 'C' from the syllabus.
10. During the discussion on B.Voc Syllabus revision, BOS accepted the changes made in the syllabus with the following corrections.

i) change subject spectroscopy and experimental techniques with solar PV operation and maintenance. (ii) Include KSEB regulation and rule, IEC and IEEE standards, microcontroller, Driver, PWM.

11. When the chairman started to discuss the proposal on research centre, the University nominee pointed out that the purview of the research centre is not under the BOS now. If a direction is given from the governing council or academic council to the BOS in writing, then this may be considered.

12. It was decided to convene another BOS for processing the research centre proposal after getting a request from the principal to study the feasibility of starting a Ph.D. programme as per the relevant UGC regulations.

13. The meeting was concluded by a formal vote of thanks by prof. Cicily Antony, Dept. of B.Voc. Renewable energy.

14. The meeting concluded by 2.00pm.

1. Dr. Issac Paul
2. Dr. Nelson Rodrigues
3. Dr. Pramod Gopinath
4. Dr. James Kurian
5. Dr. Lenie Ethel
6. Dr. T. H. Sajeesh
7. Prof. Lawrence Gregory
8. Prof. Shaji Joseph
9. Prof. S. Charles
10. prof. Justin Varkey
11. prof. Abinash
12. prof. Karthika
13. Prof. Cicily Antony
14. Prof. Sanju Augustine

Meeting of Board of studies of physics held on 24-02-2019 at 10 am in the Dept of physics.

Agenda:
To begin Ph.D programme in physics in the Department of the physics on the basis of direction of the Academic Council 12-12-18.

Members present
1. Dr. Nelson Rodrigues, Chairman
2. Dr. Issac Paul. M.G. Univ. Representative
3. Dr. Lonie Probel
4. Dr. T.H. Sajeesh
5. Prof. Lawrel Gregory
6. Prof Shaji Joseph
7. Prof. Charles
8. Prof. Justin Pavia
9. Prof. Augustin Sumesh
10. Dr. James Kurian
11. Dr. Pramod Gopinath

Note: The matter was discussed in the BOS meeting on 23/02/2019 at St. Albert's College. The matter of starting PhD programme in physics and approval for research centre may be done in consultation with MG University Kottayam.

Dr. Issac Paul
Associate Prof in physics
SB College
Chry

Minutes of the Meeting 2.3.2019.

1. Meeting started with Silent Prayer, Prof Lawrel Greegory welcomed the members of Board of Studies
2. Chairman, Dr. Nelson Rodegnes presented the Agenda of the Meeting
3. On the basis of the request from The Principal on the behalf of the Academic Council of College, the Board of studies verified the proposal for starting Ph.D program in the physics Dept in detail.
4. Board of studies found that Dr. Nelson Rodegnes, Associate professor of physics & Dr. Sajeesh T.H., Assistant Professor of physics satisfies the criteria to be qualified as research guides.
5. The BOS has also convinced that the physics Dept of St. Albert's College meets all the necessary requirements and basic infrastructure to begin Ph.D program in physical Science.
6. Board of studies recommended the to forward the proposals to begin Ph.D programs in the physics Dept to the Academic Council of the college.

1. Dr. Nelson Rodegnes
2. Dr. Issac Paul (MG. Univ Representative)
3. Dr. Lonie Frohel.

Dr. T. H. Sajeesh
Prof. Lawrence Gregory
Prof. S. Charles
Prof. Justin Pavala
Prof. Augustine Suresh
Dr. James Kurian
Dr. Pramod Gopinath

Note: All the points noted above are to be verified by a Competent body of MG Univ Colleges

Dr. Issac Rajan
Associate Prof & Research Guide
MG College
MG University

Meeting of Board of studies of physics held on 15-6-2019 at 3 pm in the Dept of physics

Agenda : Syllabus Revision of PG Program for the Academic year 20-06-2019.

Members present

1. Dr. Nelson Rodrigues chairman
2. Dr. Issac Paul : M.G. Univ. Representative
3. Dr. Louie Frobel
4. Dr. James kuriam
5. Dr. Pramod Gopinath
6. Dr. Tripthy Warrier
7. Dr. Vimala George
8. Dr. T.H. Sajeesh
9. Prof Augustine Sumesh

The BoS discussed about the implementation of New P.G Syllabus proposed by M.G. University It has been resolved to adopt New grading pattern, Syllabus implemented by the M.G University (Board of studies of physics) for the Academic year 2019-20.

1. Dr. Nelson Rodrigues chairman
2. Dr. Issac Paul, M.G. Univ. Representative
3. Dr Louie Frobel
4. Dr. James kuriam
5. Dr. Pramod Gopinath

6. Dr Trupty Warner
7. Dr. Vimala George
8. Dr. T.H. Sajeesh
9 Prof. Augustine Ramesh

Minutes of the Board of Studies meet held on 20.6.20 at 11 am via Google meet.

Committee Name : Board of Studies of Physics.
Meet No : SACA/BOS-PHY/20-21/01

Topics of Discussion;
1. Syllabus proposal for M.Voc. Renewable energy.
2. Proposal for Research programme in Dept of Physics.
3. Any other matter permitted by the chair.

Members present- (online via google meet)
1. Sri Sivaramakrishnan
2. Dr. Nandakumar Kalaickal
3. Dr. Pramod Gopinath.
4. Dr. Tripti. S. Warrier
5. Dr. L. Godfrey Louis.
6 Dr. Nelson Rodrigues
7 Dr. Louie Frobel PG.
8. Dr. Sajeesh T.H
9. Sri Jinline Paiva
10. Sri Augustine Sumesh C.J.
11. Sri Abinash John peter
12. Smt. Pearl Antonette Mendez
13. Sri Antony Raju
14. Smt. Greeshma .S.
15. Smt. Sanju Augustin
16. Smt. Nithya S. Menon.
17. Smt Karthika
18. Smt. Subitha Sudheer.

The meeting started at 11 am via google meet. Dr. Louie Frobel P.G, HoD, Dept. of Physics Delivered the welcome speech. Dr. Sajeesh T.H, Secretary, BoS, begem the proceedings with the minutes of the last BoS. It was passed unanimously by the members.

Mrs. Pearl Antonette Mendez, HoD, Dept. of Renewable energy presented the proposal for M.Voc. Renewable energy programme. The matter was submitted for discussion and approval.

Initially, the curriculum for M.voc. Renewable energy was discussed, followed by discussion of detailed syllabus.

The BoS members discussed in detail regarding the course formal like credit, eligibility criteria, and training programmes.

The esteemed members of the BoS proposed the following suggestions in the syllabus of the programe.

* Focus more on the subject solar photovoltaic energy conversion.
* Labs should be allocated in each semester considering the theory papers assigned in the particular semesters.
* Include more topic like grid connected, off-grid and hybrid inverters.
* Energy policy and Hydro power should be included.

The BoS decided to give approval for the proposal and recommended for further procedure after incorporating the above listed suggestions.

Dr. Sajeesh T.H. Presented the proposal for research programme in the Physics Department.

The matter was submitted for discussion and approval. Dr. Godfrey Louis suggested to broaden the area of research by including material sience along with electronics so as to invoice multidisciplinary research. the curriculum for the Ph.D. programme was also discussed in detail.

the Bos decided to give approval for the proposal, and recommended for further procedures.

After fruitful discussions and deibrations, the meeting came to an end by 1.00 pm.

Dr. Pearl Antonette mendez, HoD, Dept. of renewable energy delivered the vote of thanks.