

## ACADEMIC YEAR 2015-16

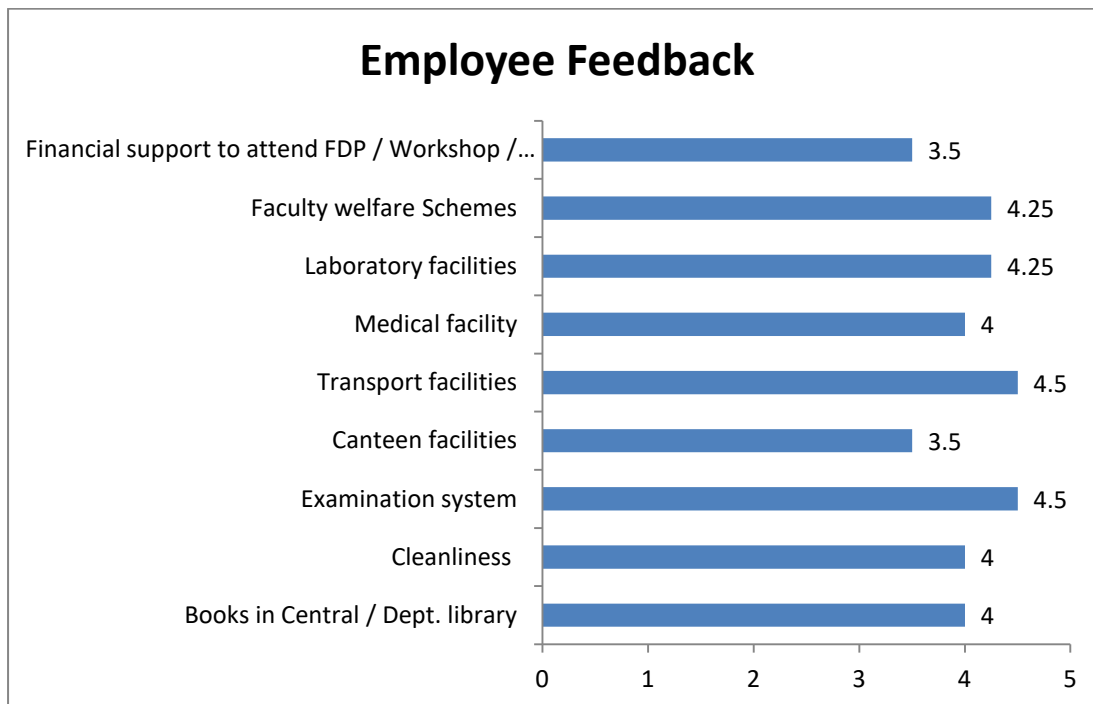
### Feedback from Employees : Analysis Report

Date : 18.07.16

#### I. Feedback from employees were received in the following parameters:

- ❖ Financial support to attend FDP/ Conference
- ❖ Faculty welfare schemes
- ❖ Laboratory facilities for research
- ❖ Medical facilities
- ❖ Transport facilities
- ❖ Canteen facilities
- ❖ Examination system
- ❖ Cleanliness of the campus
- ❖ Books availability in the Central and Department library

**No. of Respondents: 242**



Note :

1. In all the parameters, the faculty members expressed their satisfaction by awarding good scores.
2. The average score attainment is 4.06 out of 5 scale which is very good.

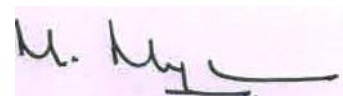
**II. Feedback received from faculty members through department level faculty meetings which are based on students and own perspective about the courses, curriculum, syllabus revision etc.**

These feedbacks were further deliberated in the department level Board of Studies meeting held during May – June 2016 and accordingly recommended to academic council by BoS.

The major points emanated are:

- a. Introduction of Lab integrated theory courses, 1/2 credit courses in professional electives.
- b. Revision in curriculum & syllabus of M.Tech. programmes and related supporting department courses.
- c. Introduction of courses emphasizing on Environmental Science & NSS.
- d. Revision of programme outcomes and course outcomes for B.Tech. programmes

**Annexure:** Minutes of Sixth Meeting of Board of Studies of Department of Mathematics & Actuarial Science which was held on 12.07.16 & Minutes of Sixth meeting of BoS of Department of Physics which was held on 09.07.2016 are attached as evidence for intense participation of faculty members in the BoS.



**Dean, Academic Affairs**

DEPARTMENT OF MATHEMATICS & ACTUARIAL SCIENCEMinutes of the meeting held on 12.07.16

The Sixth Board of Studies meeting for the Department of Mathematics and Actuarial Science was held on 12.07.16 at 10 A.M in the computer lab of the our Department in the presence of the following members.

1. Dr.V.Thangaraj, Prof. & Head (Retd.), Ramanujan Institute for Advanced Study in Mathematics.
2. Dr. P. Vijayaraju, Professor, Department of Mathematics, Anna University.
3. Dr. D. Arivudai Nambi, Associate Professor, Department of Mathematics, Anna University.
4. Mr. R. Satyanarayan, Senior Manager, LIC, Coimbatore.
5. Mr. V.R. Kumar, Actuarial Manager, LIC, Chennai.
6. Dr. S.Rajasekaran, Professor/ Maths & Actuarial Science
7. Dr. S. Srinivasan, Professor/ Maths & Actuarial Science
8. Dr. Munir Ahamed Rabbani, Professor/ Maths & Actuarial Science
9. Dr. Sindhu J Kumar, Associate Professor/ Maths & Actuarial Science
10. Dr. T.R. Ramesh Rao, Assistant Professor (Sel. Gr.)/ Maths & Actuarial Science
11. Mr. Mahadev Ota, Assistant Professor / Maths & Actuarial Science
12. Dr. P. Arathi, Assistant Professor / Maths & Actuarial Science
13. Mr. G. Kalaiarasan, Assistant Professor / Maths & Actuarial Science
14. Mrs.A.K.Abidha , Assistant Professor / Maths & Actuarial Science (Special Invitee)
15. Dr. S.K.G. Ganesh, Professor and Head / Dept. of Management Studies(Special Invitee)
16. Mr. M. Syed Masood, Assistant Professor (Sel. Gr.) / Dept. of Computer Applications(Special Invitee)
17. Dr. M. Murugan, Dean Academic(Special Invitee)

The meeting started with a welcome note by the Chairman. The members of the Board of studies were introduced by the Chairman. After the introductory remarks, the members of the Board of studies took up the agenda items for discussion.

**Item 6.1 and Item 6.2: Approval of the syllabi of Mathematics for BCA degree and B.Sc. Computer Science programme based on outcome based education.**

1. In MAC 1187, the members suggested to add few text books from the books for reference. Few typological errors were pointed out in the books for reference part.
2. In MAC 1288, Module I Introduction to probability renamed as recap.

Module I was renamed as Random variables and distribution functions. Module II was named as Moments and Moment generating function. Module IV was renamed as Descriptive statistics. In addition, few books for references were deleted and two other books by Veerarajan and Kandasamy were suggested.

*After detailed discussions, it was resolved to approve the above said modifications and recommend the same to the Academic Council of the University.*

**Item 6.3: Revision of Mathematics courses for M. Tech. syllabi based on outcome based education.**

1. In MAC 6181 the course objective was modified. In reference part the second reference has to be checked. Books by Hopcraft , Kenneth H Rosen and Tremblay R. Manohar was recommended as text books.
2. In MAC 6182, the course title was changed as Differential Equation and Numerical Methods. The Modules III and IV were shuffled and few topics were added in Numerical Integration. They recommended the Conformal mapping and applications as Module V. Books by Rogers and Churchill were deleted and Numerical Methods for Engineers by Gupta and Gerald was recommended.
3. In MAC 6183 the course title was renamed as Probability and Statistics. Both Module I and II was merged together as Module I. Module III was numbered as Module II. Module IV was numbered as Module III. Module IV was introduced as Testing of Hypothesis.
4. In MAC 6184 the first two modules should be remodeled as in MAC 6183. In reference the updated book of Taha was recommended.

5. In MACY 081 the course title was changed to Signal Processing techniques. Throughout the syllabus, the words definition and application was asked to be removed.

*After detailed discussions, it was resolved to approve the above said modifications and recommend the same to the Academic Council of the University.*

**Item 6.4: Revision of Curriculum and syllabi of M.Sc. Actuarial Science based on Outcome based education.**

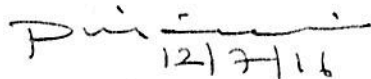
1. In MAC 7106 the topic was renamed as Project Phase – I.
2. Mr. Mahadev Ota has explained the comparisons of Institute of Actuaries of India & BSAU Syllabus.
3. In MAC 6102, Module IV - Linear Functions was removed. Module – VI was renamed as Conditional Expectation and Law of Large Numbers,
4. In MAC6215 the course objective was modified. Module - I was renamed as Sampling, Types of Sampling has been included and Random Samples were deleted in the content.
5. In MAC 6212 the course objective was modified. The Module III “The Life table” is shifted to module I and subsequent changes made.
6. Few typological errors were pointed out in the syllabus.
7. In MACY 03 Module – V was named as Capital Project Appraisal – I, and Module VI - Capital Project Appraisal – II, (Definition of Capital project has been removed).
8. Members Suggested not to swap any course because it is in continuation.

*After detailed discussions, it was resolved to approve the above said modifications and recommend the same to the Academic Council of the University.*

**Item 6.5: General comments given by the expert members.**

1. The Objective and outcome should be written in a way covering all modules in the syllabus.
2. The typological errors should be taken care off.

The Chairman concluded the meeting of Board of Studies at 4.20 pm by thanking all the members.



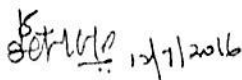
Dr. P. Vijayaraju,  
Professor  
Department of Mathematics  
Anna University  
(External Member)



Dr. D. Arivudai Nambi  
Associate Professor  
Department of Mathematics  
Anna University.  
(External Member)



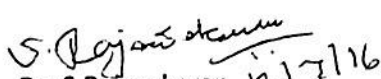
Dr. V. Thangaraj  
Prof. & Head (Retd.),  
Ramanujan Institute for  
Advanced  
Study in Mathematics.  
(External Member)



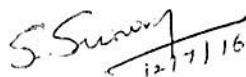
Mr. R. Satyanarayan  
Senior Manager  
LIC, Coimbatore.  
(External Member)

V.R. Kumar.

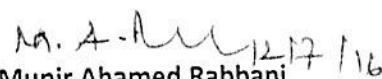
Mr. V.R. Kumar  
Actuarial Manager  
LIC, Chennai.  
(External Member)



Dr. S. Rajasekaran  
Professor  
(Internal Member)



Dr. S. Srinivasan  
Professor  
(Internal Member)



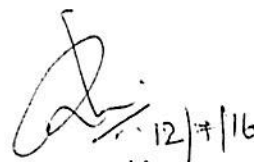
Dr. Munir Ahamed Rabbani  
Professor  
(Internal Member)



Dr. Sindhu J. Kumar  
Associate Professor  
(Internal Member)



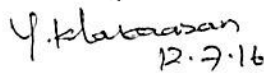
Dr. T.R. Ramesh Rao  
Assistant Professor (Sel. Gr.)  
(Internal Member)




Dr. P. Arathi  
Assistant Professor  
(Internal Member)



Mr. Mahadev Ota  
Assistant Professor  
(Internal Member)



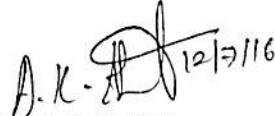
Mr. G. Kalaiarasan  
Assistant Professor  
(Internal Member)



Dr. S.K.G. Ganesh  
Prof. & Head  
Dept. of Management Studies  
(Special Invitee)



Mr. M. Syed Masood  
Assistant Professor (Sel. Gr.)  
Dept. of Computer Applications  
(Special Invitee)



Mrs. A.K. Abidha  
Assistant Professor  
(Special Invitee)



Dr. M. Murugan  
Dean Academic  
(Special Invitee)

12/7/2016

DEPARTMENT OF PHYSICS

SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES

**B.S.ABDUR RAHMAN  
UNIVERSITY**  
B.S.ABDUR RAHMAN INSTITUTE OF SCIENCE & TECHNOLOGY  
(Estd. u/s 3 of the UGC Act, 1956)  
Formerly B.S.ABDUR RAHMAN Crescent ENGG College



09.07.2016

**MINUTES OF SIXTH MEETING OF BOARD OF STUDIES**

The sixth meeting of Board of Studies for the revision of PEOs, POs, Curriculum and Syllabi for M.Sc.(Physics) programme was held on 09.07.2016 at 10.00 AM in the Seminar Hall, Department of Physics, B.S.Abdur Rahman University, Chennai.

The following members of Board of Studies were present:

- |   |   |                   |
|---|---|-------------------|
| 1. <b>Dr. I. Raja Mohamed</b><br>Professor & Head / Physics   | - | Chairman          |
| 2. <b>Dr. K. Chinnakali,</b><br>Prof. & Head / Physics, Anna University, Chennai – 25   | - | External Member   |
| 3. <b>Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.A.S.Ch.</b><br>Professor of Physics, Pondicherry University, Puducherry -605014 | - | External Member   |
| 4. <b>Mr. C. Dhandapani</b><br>Physics Instruments Co., Chennai - 32  | - | External Member   |
| 5. <b>Dr. I. B. Shameem Banu,</b> Professor / Physics   | - | Member            |
| 6. <b>Dr. M. Basheer Ahamed,</b> Professor / Physics  | - | Member            |
| 7. <b>Ms. U. Majitha Parvin,</b> Asst.Prof.(Sel.Gr) / Physics   | - | Member            |
| 8. <b>Dr. J. Thirumalai,</b> Asst. Prof. / Physics  | - | Member            |
| 9. <b>Dr.S.K.Rani,</b> Prof.& Dean (SPCS)   | - | Ex-Officio and SI |
| 10. <b>Dr.S.Sathik Basha,</b> Asst.Prof.(Sel.Gr.)   | - | Special invitee   |
| 11. <b>Dr.G.V.Vijayaraghavan,</b> Asst.Prof.(Sel.Gr.)   | - | Special invitee   |
| 12. <b>Mr.Md.Sheik Sirajudeen,</b> Asst.Prof.(Sr.Gr.)   | - | Special Invitee   |
| 13. <b>Dr.S.Krishnan,</b> Asst.Prof.(Sr.Gr.)  | - | Special Invitee   |

1. Curriculum 2 Syllabus for M.Sc. Physics.



After formal greetings and introduction of the members, the agenda of the meeting was taken up by the chairman for discussion by the members of Board of Studies.

**Agenda for the sixth meeting of Board of Studies**

- Agenda Item 6.1 To consider and approve the modified Programme Educational Objectives (PEOs) and Programme Outcomes (POs) for the PG programme M.Sc. (Physics).
- Agenda Item 6.2 To consider and approve the modification of Course Code.
- Agenda Item 6.3 To consider and approve the revision of curriculum and syllabi for M.Sc. Physics.
- Agenda Item 6.4 To consider and approve the addition of General and Programme Elective courses.

**Agenda Item 6.1**

To consider and approve the modified Programme Educational Objectives (PEO) and Programme Outcomes (POs) for the PG programme M.Sc. (Physics).

**Resolution:**

The members of Board of Studies have resolved to approve the modified Programme Educational Objectives and Programme Outcomes for the PG programme M.Sc. in Physics.

**Agenda Item 6.2**

To consider and approve the modification of Course Code.

**Resolution:**

The members of Board of Studies have resolved to approve the modification of Course Code.

**Agenda Item 6.3**

To consider and approve the revision of curriculum and syllabi for M.Sc. Physics.

**Resolution:**

The members of Board of Studies have resolved to approve the revised curriculum and syllabi for M.Sc. Physics.

**Agenda Item 6.4**

To consider and approve the addition of General and Programme Elective courses.

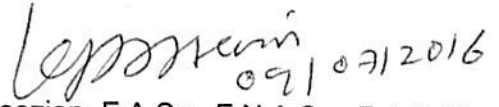
**Resolution:**

The members of Board of studies have resolved to approve the addition of general and programme elective courses.

THE ABOVE MINUTES OF THE MEETING OF BOARD OF STUDIES ARE APPROVED.

  
9/7/16

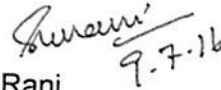
Dr. K. Chinnakali, Prof. & Head  
Department of Physics  
Anna University, Chennai – 25

  
09/07/2016

Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.A.S.Ch.  
Professor of Physics,  
Pondicherry University, Puducherry -605014

  
9/7/16

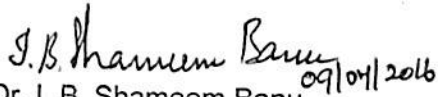
Mr. C. Dhandapani  
Physics Instruments Co.  
Guindy, Chennai – 32

  
9.7.16

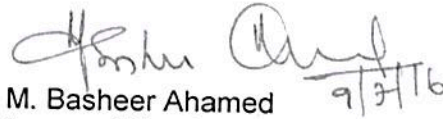
Dr. S.K. Rani  
Professor of Chemistry & Dean (SPCS),  
Ex-Officio and SI, BSAU

Dr.V.Murugesan, Registrar

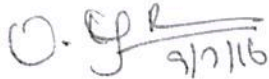
Dr.M.Murugan, Prof.& Dean (Academic affairs)

  
09/07/2016

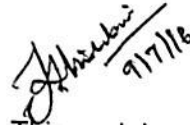
Dr. I. B. Shameem Banu  
Professor of Physics, BSAU

  
9/7/16

Dr. M. Basheer Ahamed  
Professor of Physics, BSAU

  
9/7/16

Ms. U. Majitha Parvin  
Asst. Prof. (Sel. Gr.) / Physics

  
9/7/16

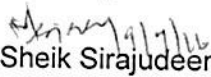
Dr. J. Thirumalai  
Asst. Professor/ Physics

  
9/7/16

Dr.S.Sathik Basha,  
Asst.Prof.(Sel.Gr.) / Physics

  
9/7/16

Dr.G.V.Vijayaraghavan,  
Asst.Prof.(Sel.Gr.) / Physics

  
9/7/16

Mr.Md.Sheik Sirajudeen,  
Asst.Prof.(Sr.Gr.) / Physics

  
9/7/16

Dr.S.Krishnan,  
Asst.Prof.(Sr.Gr.) / Physics

  
9.7.16

Dr. I. Raja Mohamed  
(Chairman, Board of Studies)  
Professor & Head / Physics