



MINUTES OF MEETING

First Year Autonomous Syllabus Board of Studies (BoS) Meeting

RR Institute of Technology

Date: 15th January 2025

Time: 10:00 AM Onwards

Venue: [Room No 111], RR Institute of Technology

1. Opening Remarks

The meeting commenced at 10:00 AM with a warm welcome from Dr. Anita R Shettar, Chairperson of the BoS. The members were introduced, and the agenda for the meeting was outlined.

2. Discussion on First Year Autonomous Syllabus

Dr Kavyashree D initiated the discussion regarding the scheme and syllabus required for the First-Year Autonomous batch. Points covered were as follows:

i. Introduction of First year Autonomous scheme

1. Students learning 8 courses in each Sem of first year with total credits of 20.
2. Two subjects are Applied science courses, Two Engineering Science Courses, 1-ETC / PLC, Two HSMC, Two AEC/SDC
3. ASC-4 Credits, ESC, ETC, PLC-3 Credits, AEC, SDC, HSMC- 1 Credit
4. The choices in ESC-I/II are 5 subjects, PLC-I/II are 4 subjects, ETC-I/II are 19 subjects

ii. Introduction of first year subjects:

1. Courses allotted to the department.

Applied Physics for Civil Engineering Stream (BPHYC102R/202R)

Applied Physics for CSE Engineering Stream (BPHYS102R/202R)

Applied Physics for EEE Engineering Stream (BPHYE102R/202R)

Applied Physics for ME Engineering Stream (BPHYM102R/202R)

Introduction to Nano Science (BETCK105RC /205RC)



Innovation and design Thinking (BIDK158R)

Scientific Foundations of Health (BSFHK158R)

2. syllabus, credits, lab experiments

3. Following corrections are made in the syllabus as suggestions given by the BOS Members.

SFH- CO5 to be mapped with Pos

Applied physics for CSE Stream- Module 1- Homojunction and heterojunction[Qualitative] is added, α -Decay removed

Applied Physics for EEE stream – Module 1- Homojunction and heterojunction[Qualitative] is added, Module 4 –In the application Tunnel Diode added, Module -5- Optoelectronics added

Applied Physics for Civil stream – Module 1- Homojunction and heterojunction[Qualitative] is added, Module 3- Derive Expression for Bending moment of beam, Application – Beams, Module 5- Application – Canopy mapping

Applied Physics for ME Stream – Module 4- Self study- Laws of Thermodynamics

Introduction to Nanoscience – Surface to Volume Ratio and correlation to the properties, Application- Composites

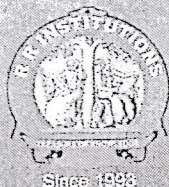
3. Credit System and Evaluation Methodology

Dr. Sowmya A presented the proposed credit system under the autonomous syllabus. The following points were discussed and approved:

1. Continuous evaluation is given equal importance as semester end exam to ensure quality learning
2. Activity based Assessments are encouraged
3. Virtual lab learning also facilitated.

4. . Recommendations for Teaching Pedagogy

1. ICT tools



PKM EDUCATIONAL TRUST

R R Institute of Technology

RAJA REDDY LAYOUT, NEAR CHIKKABANAVARA RAILWAY STATION, CHIKKABANAVARA, BENGALURU - 560090

An Autonomous Institution under VTU

Approved by AICTE, New Delhi & Government of Karnataka



DEPARTMENT OF BASIC SCIENCE

2.NPTEL/SWAYAM lectures

3.Educational videos

5. Any Other Matters

1. lab experiments need be upgraded with PC s

8. Conclusion

Dr. Anita R Shettar concluded the meeting by thanking all members for their valuable input. It was agreed that the approved syllabus would be implemented in this academic session.

The meeting was adjourned at 3.00 PM.

Action Items:

1. Finalize and circulate the updated syllabus to all departments.
2. Prepare and distribute feedback surveys to students regarding the current syllabus.
3. Organize faculty development programs and workshops on new subjects.
4. Enhance laboratory facilities in line with the new syllabus.

Minutes Prepared By:

Dr Anantnag V Kulkarni

Assoc. Professor

RR Institute of Technology

Approved By:

Dr. Anita R Shettar

Chairperson, BoS

1) Dr. Kavyashree D
VTU-Nominee.

Kavya

2) Dr. Sunitha V. R
Member-Subject expert

Sunitha V.R
15/11/25

3) Dr. Vikas M. Shelar
Member - Subject expert

Vikas M. Shelar
15/11/25

4) Dr. Anita R. Shettar
Chairman, BOS.

Anita R. Shettar

5) Dr. Anantnag Kulkarni
Subject expert - Internal

6) Dr. Sowmya A.
Subject expert - Internal.

Sowmya A.
15/11/25

Department of Chemistry

Agenda: First Year Autonomous syllabus BOS Meeting,

Date:15/01/2025

Time: 10 A M

Venue: 105

BOARD OF STUDIES(BOS) IN CHEMISTRY

The Board of Studies in Chemistry has been constituted as listed below:

Sl No	Name of the Member	Designation & Affiliation	College/University /Industry	Role
1	Dr. Roopa K P	Associate Professor in Chemistry, Department of Basic Sciences	RRIT, Bangalore	Chairman
2	Dr Thanuja K N	Assistant Professor in Chemistry Department	BIT Bangalore	Member VTU Nominee
3	Dr Vishnuvardhan T K	Assistant Professor, Faculty of Natural Science	MSRUAS Bangalore	Member Subject Expert
4	Madhusudhan Y	Assistant Professor	RRIT, Bangalore	Member-I (Internal)
5	Thejaswini D	Assistant Professor	RRIT, Bangalore	Member-II (Internal)

Suggestions:(For Chemistry)

For ME Stream, Expert said to include

I Module: Proximate Analysis, Ultimate Analysis & Conduction Working of catalytic converts.

II Module: Include Alloys topic & include Water Chemistry



MINUTES OF MEETING

First Year Autonomous Syllabus Board of Studies (BoS) Meeting

RR Institute of Technology

Date: 15th January 2025

Time: 10:00 AM Onwards

Venue: Room No. 105[main block], RR Institute of Technology

1. Opening Remarks

The meeting commenced at 10:00 AM with a warm welcome from Dr. Girish Babu S, Chairperson of the BoS. The members were introduced, and the agenda for the meeting was outlined.

2. Discussion on First Year Autonomous Syllabus

Dr. G S Shivaprasanna initiated the discussion regarding the scheme and syllabus required for the First Year Autonomous batch. Points covered were as follows:

i. Introduction of First year Autonomous scheme

1. Autonomous scheme was verified by the BoS members.
2. Few recommendations were made from the BoS panel.
3. Changes were made accordingly.

ii. Introduction of first year subjects:

1. Presentation was made by Prof Asha.R about the syllabus stream wise for both first and second semester syllabus.
2. Few corrections/suggestions were recommended by BoS members about the syllabus.
3. Correction/suggestions made by the BoS panel members were incorporated in the syllabus.
4. Hard copy of the updated syllabus was approved by the BoS members.

3. Credit System and Evaluation Methodology



Dr. Manjunath G presented the proposed credit system under the autonomous syllabus. The following points were discussed and approved:

1. Distribution of the marks for the Theory (15+10=25) and Practical (15+10=25) component was discussed.
2. List of activities was presented to the BoS members.
2. SEE would be conducted for 100 marks (reduced to 50 marks).
3. Four credits would be awarded for each semester.
4. Total marks (IAT(50 marks) + SEE(50 marks)=100marks).

4.Recommendations for Teaching Pedagogy

1. Using smart boards real time problems can be solved.
2. More practical approach towards the analytical problems solved in class room.
3. Certain online channels can be referred for relevant topics.

5. Conclusion

Dr. Girish Babu S concluded the meeting by thanking all BoS members for their valuable input. It was agreed that the approved syllabus would be implemented in this academic session.

The meeting was adjourned at 3.00 PM.

Action Items:

1. Finalize and circulate the updated syllabus to all departments.
2. Prepare and distribute feedback surveys to students regarding the current syllabus.
3. Organize faculty development programs and workshops on new subjects.
4. Enhance laboratory facilities in line with the new syllabus.

Minutes Prepared By:

Dr. Manjunath.G
Associate professor
RR Institute of Technology

Approved By:

Dr. Girish Babu S
Chairperson, BoS

