



# PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

## DEPARTMENT OF SCIENCE AND HUMANITIES

### ACTION TAKEN REPORT- STAKEHOLDERS FEED BACK ON CURRICULUM & SYLLABUS

Academic Year 2022-2023

Date: 26/05/2022

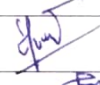
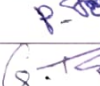
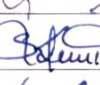
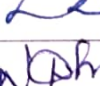
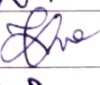
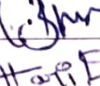



1. Feedback was collected.
2. The feedback was analysed and reviewed through Internal Committee.
3. The Propose draft of syllabus was put forth to DAC. The Constructive suggestions were taken from the Stakeholders feedback.
4. After detailed deliberation and discussion, the proposed draft of syllabus with modification was presented to BoS for final Approval.
5. After BoS recommendations, the curriculum and syllabus came into implementation.

Feedback was requested from following Stakeholders

S.No.	StakeHolders	No of feedback form received
1.	Students	400
2.	Teachers	29
3.	Alumni	129
4.	Employer	26

Name of the course	Recommended by	Recommendation	Action Taken
<b>Students Feedback</b>			
Engineering Mathematics	M.PARIVALAVAN/IT	Suggested to include Aptitude I and II in syllabus	Forwarded suggestion for the approval of DAC
English Communication Skills	M.VASIKARAN/CSE	Suggested to add Compound words topics in English Subject.	Forwarded suggestion for the approval of DAC
Engineering Physics	K.VIJAY(MCT)	Suggested given to include optics sensor in physics syllabus,	Forwarded suggestion for the approval of DAC
Engineering Chemistry	R.SARUMATHI (CIVIL)	Suggested to incorporate Nano application topics in Chemistry Syllabus	Forwarded suggestion for the approval of DAC
<b>Faculty Feedback</b>			
Operation Research	K.Uma /Maths	Suggested to rename the title Linear Programming models instead of Introduction of linear programming	The suggestion is forwarded for the approval of DAC
English Articulation	Mr. M.E. Hariharan /English	Suggested to remove error analysis topic in English Articulation course.	Forwarded suggestion for the approval of DAC

Engineering Physics	Mrs.S.Kavitha/Physics	Suggested to Nuclear physics in Physics in everyday life course.	The suggestion is forwarded for the approval of DAC
Engineering Chemistry	Dr.N.Dhanabalan/ Chemistry	Suggested that to include Optical fibre cable in Chemistry syllabus	Forwarded suggestion for the approval of DAC
<b>Alumni Feedback</b>			
	Zubair Ali (Chemical) Syngene international limited, Bangalore	Suggested that more focus in given to placement aspect of communication	Forwarded suggestion for the approval of DAC
	Deepika.S, (EEE) Veetechnologies, Salem	Suggested to include scanner and its types in physics.	Forwarded suggestion for the approval of DAC
	K.Akash,(civil) Bijus ,Chennai.	Suggested to add solar panel orientated topic in Chemistry	Forwarded suggestion for the approval of DAC
<b>Employer Feedback</b>			
	Chowdhi.M National Plastic , TVS Upsana Chennai.	Need sensor application topics in Physics	The suggestion is forwarded for the approval of DAC
	Bhuvanesh.R Dow Chemical, chennai	Need to include Nano chemistry topic in Chemistry.	Forwarded suggestion for the approval of DAC
	Srinithi.M, Autotex Biovus technologis, wipro, chennai	Suggested that to include Personality Development paper in English	The suggestion is forwarded for the approval of DAC

S.No	Name of the Member	Designation	Role	Signature
1	Prof.M.Mohan	HOD/S&H	Chairman/BOS	
2	Dr.P.Jayakumar	HOD/Maths	Member	
3	Dr.G.Raja	HOD/Chemistry	Member	
4	Mrs.S.Kavitha	HOD/Physics	Member	
5	Dr.R.Shanthi	HOD/English	Member	
6	Dr.N.Dhanabalan	Associate Professor/Chemistry	Member	
7	Mrs.K.Uma	Assistant Professor/Maths	Member	
8	Mrs.C.Bharathi	Assistant Professor/Physics	Member	
9	Mr.M.E.Hariharan	Assistant Professor/English	Member	

  
HOD/S&H

  
PRINCIPAL

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PAAVAI ENGINEERING COLLEGE  
NH.7. PACHAL Post, NAMAKKAL Dis

**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMISTRY**  
**MINUTES OF THE SEVENTH BOARD OF STUDIES MEETING**  
**(ONLINE MODE)**

**Date & Time: 06.08.2022 & 2.30 pm**

**The Seventh Board of Studies Meeting was conducted on 06/08/2022 by 2.30 pm through  
Online Mode**

**MEMBERS PRESENT**

S.No	Name	Designation	Position in the Committee	College / University / Industry
1	Dr.G.Raja	Prof & HOD/ Chemistry	Chairman	Paavai Engineering College
2	Dr.M.Dharmendra Kumar	Prof/Chemistry	University Nominee	Alagappa College of Technology, Anna University, Chennai
3	Dr.S.Sasikumar	Prof/Chemistry	Academic Expert	Vellore Institute of Technology (VIT), Vellore
4	Prof.M.Mohan	Prof & HOD/S&H	Member	Paavai Engineering College
5	Dr.D.Rajamanickam	AP/Chemistry	Member	Paavai Engineering College
6	Mr.N.Vijayanand	Associate Prof/ Chemistry	Member	Paavai Engineering College
7	Dr.N.Geetha	Assistant Prof / Chemistry	Member	Paavai Engineering College
8	Dr.N.Dhanabalan	Associate Prof / Chemistry	Member	Paavai Engineering College
9	Ms.S.Sathiyasudha	Assistant Prof / Chemistry	Member	Paavai Engineering College
10	Mr.A.Jeeva	Assistant Prof / Chemistry	Member	Paavai Engineering College





## AGENDA

1. Minutes of the Department Advisory Committee meeting.
2. List of value added courses (For the students admitted during the academic year 2022-2023)
3. Curriculum for the students of CSE(AI & ML), CSE(IOT), Robotics and Automation, Safety and Fire Engineering & Bio Technology admitted in the academic year 2022-2023 of Regulations 2019(CBCS)
4. Syllabi of I and II semester of UG Programme
5. Panel of examiners

### Minutes of the meeting

- The Board of Chairman Dr.G.Raja welcomed the University Nominee, Academic Expert and members for the seventh BOS meeting and briefed the outcomes of the courses under Chemistry Board.
- Further the Chairman presented the syllabi for B.F. B.Tech Programmes. Minutes of the Department Advisory Committee meeting were discussed. Internal and external mark allotment for both Theory and Practical were discussed.

### Suggestions by the members

- **Curriculum for the students admitted in the academic year 2022-2023, Regulations 2019(CBCS)**

The existing syllabus of the 1 year (R-2019) should be followed for the following programme students of CSE(AI & ML), CSE(IOT), Robotics and Automation, Safety and Fire Engineering & Bio Technology admitted in the academic year 2022-2023 of Regulations 2019(CBCS)



## Value added Courses are offered



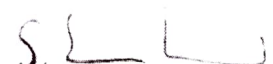
### 1. Industrial Inorganic Materials

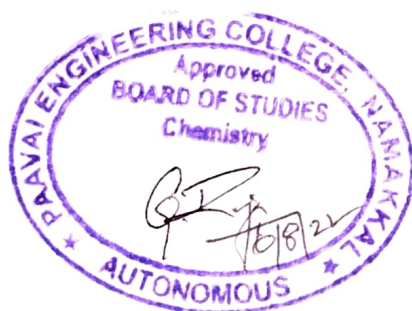
- The content of Module 1 should be reduced
- The topic Solar panels & Optical Fibre Cable should be included in Module 1.
- The topic Nano applications of Metal Matrix composite should be included in Module 3.

### 2. Women in Society

- The members approved the syllabus.

The above suggestions were given by the members and approved the syllabi for the 2022-2023 admitted students of Regulations 2019 (CBCS), value added courses and panel of examiners.

Position in the committee	Chairman	University Nominee	Academic Expert
Name & Designation	Dr.G.Raja Prof/ Chemistry	Dr.M.Dharmendra Kumar Prof/ Chemistry	Dr.S.Sasikumar Prof/ Chemistry
e-Signature			



**PAAVAI ENGINEERING COLLEGE**

(AUTONOMOUS)  
PACHAL, NAMAKKAL

REF: PEC/DAC/AY2022-2023/MOM1

Date:09.08.2022

**Department Advisory Committee – Minutes of Meeting**

Date of Meeting	:	09.08.2022
Timings	:	02.00 p.m.
Venue	:	English Communication Laboratory
Reference	:	REF: PEC/DAC/AY2022-23/CIR-01 dated on 04.08.2022

A meeting was conducted on 09.08.2022 at 02.00 p.m. in English Communication Laboratory with the Department Advisory Committee members. Dr. R. Shanthi, HoD, English and Chairman of DAC welcomed the gathering, gave a brief introduction about the Curriculum and Syllabus preparation of UG.

Following points were discussed in the meeting:

1. Discussion about Minutes of Sixth Board of Studies Meeting.
2. Discussed about the approval of syllabus for new courses of 1st and 2nd semesters UG of Regulations 2019 - CSE-IOT, AI&DS, Biotech, Fire and Safety & Robotics.
3. Deliberated about Soft Skills Laboratory I and II for the second year students.
4. Discussions about the one credit and value added courses.
5. Analyzed the feedback received from students, faculty members, alumni and employer.
6. Seventh Board of Studies meeting is scheduled on 12.08.2022.

The meeting concluded with appreciation from the chairman.



Dr. R. Shanthi  
HoD, English / DAC Chairman

Copy to:

1. The Principal
2. Dean Academics
3. Faculty Members
4. DAC File



**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Pachal, Namakkal-637018**

**DEPARTMENT OF ENGLISH**

**MINUTES OF THE SEVENTH BOARD OF STUDIES MEETING**

**Date and Time: 12.08.2022 & 11.00 a.m.**

1. The Board Chairman Dr.R.Shanthi welcomed everyone present in the online meeting.
2. The University nominee Dr.S.Soundiraraj, Associate Professor, Anna University CEG Campus and the Academic Expert Dr.J.Michael Raj, Assistant Prof (SLG), SRM Institute of Science and Technology, Department of English & Foreign Languages gave suggestions.
3. Syllabus for new courses of 1st and 2nd semesters of UG - Regulations 2019 - CSE-IOT, AI&DS, Biotech, Fire and Safety & Robotics and Soft Skills Laboratory I & II syllabus were approved.
4. In Value added course, English Articulation was approved by the BOS Members. The members suggested to add compound words, mispronounced words and to remove error analysis.



**Board Chairman**



**University Nominee**



**Academic Expert**



**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

**DEPARTMENT OF MATHEMATICS**

**MINUTES OF THE SEVENTH BOARD OF STUDIES MEETING  
(ONLINE MODE)**

**DATE: 05.08.2022**

**TIME: 11.00AM**

**MEMBERS PRESENT**

<b>S. NO</b>	<b>NAME &amp; DESIGNATION</b>	<b>POSITION IN COMMITTEE</b>	<b>COLLEGE/UNIVERSITY</b>
1	Dr. P. Jayakumar	Professor & Head	Paavai Engineering College
2	Dr. P. Vimala	Professor	Anna university, Chennai
3	Dr. G. Murugusundaramoorthy	Professor (HAG)	Vellore Institute of Technology (VIT), Vellore
4	Dr. B.KishokKumar	Professor	Paavai Engineering College
5	Mrs.K. Uma	Associate Professor	Paavai Engineering College
6	Dr.M. Sathish kumar	Associate Professor	Paavai Engineering College
7	Mrs. R.Pradeepa	Associate Professor	Paavai Engineering College
8	Mrs. C.Manjula	Associate Professor	Paavai Engineering College
9	Mrs. M. Sathiya	Assistant Professor	Paavai Engineering College
10	Mr.R.Rajeshkumar	Assistant Professor	Paavai Engineering College
11	Mr. A.Henry	Assistant Professor	Paavai Engineering College
12	Miss.R. Aiswarya	Assistant Professor	Paavai Engineering College
13	Mrs. D. Seethalakshmi	Associate Professor	Paavai Engineering College
14	Mr.T.Ramesh	Assistant Professor	Paavai Engineering College
15	Mr.D.Nagaraj	Assistant Professor	Paavai Engineering College
16	Mrs.D.Latha	Assistant Professor	Paavai Engineering College
17	Mr.K.Anbumani	Assistant Professor	Paavai Engineering College

**AGENDA:**

1. To discuss the value added and elective course (EEE) syllabus.
2. To discuss the curriculum and syllabus for the students admitted in the academic year 2022-2023 (R2019) for new branches (CSE (IOT), CSE (AI & ML), Bio-Tech Safety & Fire, Robotics & Automation)

**SUGGESTIONS BY THE MEMBERS:**

- *Elective course: MA19701/MA20701-Operations Research*

**1. Unit I**

- Rename the title 'Linear Programming Models' instead of 'Introduction to Linear Programming'



- Remove the topic “Introduction to applications of operations research in functional areas of management”.
- Mention the method name ‘Big- M’ method in Simplex methods.

## 2. Unit II

- Rename the title ‘Transportation and Assignment Problems’ instead of ‘Linear Programming Extensions’

## 3. Unit V




- Rename the title ‘Queuing Models’ instead of ‘Queuing Theory and Replacement Models’.
- Remove the topics ‘Replacement models – Individual’s replacement models (With and without time value of money).

4. In text book -Replace “Hamdy A Taha (2013), “Introduction to Operations Research”, 9<sup>th</sup> Edition, Prentice Hall India, Third Indian Reprint” instead of “Hamdy A Taha (2004), “Introduction to Operations Research”, 7<sup>th</sup> Edition, Prentice Hall India, Third Indian Reprint”.

➤ Value added course-Aptitude and Reasoning- No changes.

➤ Value added course-Gender Studies – Mention the Lecture hours

The above suggestions were given by the members and approved the syllabi for the 1<sup>st</sup> and 2<sup>nd</sup> semester of 2022-2023 (R2019) admitted students for new branches (**CSE (IOT), CSE (AI & ML), Bio-Tech, Safety & Fire, Robotics & Automation**)

<b>Position in the committee</b>	Dr. P. Jayakumar	Dr. P. Vimala	Dr. G.Murugusundaramoorthy
<b>Name &amp; Designation</b>	Professor & Head	Professor	Professor (HAG)
<b>e-Signature</b>			

**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

**DEPARTMENT OF PHYSICS**

**MINUTES OF THE EIGHTH BOARD OF STUDIES MEETING**

**(ONLINE MODE)**

**DATE & TIME: 04.08.2022 & 2.00 p.m**

**MEMBERS PRESENT**

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Mrs.S.Kavitha	HoD & Associate Professor / Physics	Chairman	Paavai Engineering College
2.	Dr.G.Kalpana	Professor / Physics	University Nominee	GCE, Chennai
3.	Dr.A.Karthigeyan	Professor / Physics and Nanotechnology	Academic Expert	SRM Institute of Science and Technology Kanchipuram
4.	Mr.R.Dhananchezian	Assistant Professor / Physics	Member	Paavai Engineering College
5.	Mrs.C.Barathi	Associate Professor / Physics	Member	Paavai Engineering College
6.	Dr.T.Prakesh	Assistant Professor / Physics	Member	Paavai Engineering College
7.	Mr.P.Suresh	Assistant Professor / Physics	Member	Paavai Engineering College
8.	Mrs.P.Divya	Assistant Professor / Physics	Member	Paavai Engineering College
9.	Mr.P.Surendiran	Assistant Professor / Physics	Member	Paavai Engineering College

**AGENDA**

1. The syllabus for the new courses (CSE - (IOT, AI & ML) BIOTECH, SAFETY AND FIRE ENGINEERING & ROBOTICS AND AUTOMATION) of Regulations 2019
2. List of value added courses for the Regulations 2019(CBCS)

**SUGGESTIONS BY THE MEMBERS:**

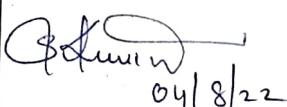
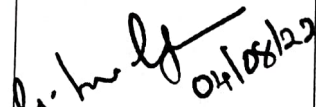

- PH20101-Engineering Physics
- PH20201-Physics for Electronics Engineering
- PH20202-Physics for Information Science
- PH20203-Material Science
- PH20204-Physics of Materials
- PH20102/PH20205-Physics Laboratory

There is no change in the above syllabus

**Value added Course**

- **PHYSICS IN EVERDAY LIFE** – In Module-IV - Nuclear physics is removed and added the topic optics sensor, scanner and its types.
- **INDIAN CONSTITUTION AND HUMAN RIGHTS**- No changes

The above suggestions were given by the BOS panel members and approved the syllabi for the Regulations 2019 (CBCS) value added courses the candidates admitted in the academic year 2022-2023.

Position in the committee	Chairman	University Nominee	Academic Expert
Name & Designation	Prof.S.Kavitha HoD &Associate Professor	Dr.G.Kalpana Professor / Physics	Dr.A.Karthigeyan Professor / Head i/c Physics and Nanotechnology
e-Signature	 04/8/22	 04/08/22	

**PAAVAI ENGINEERING COLLEGE (Autonomous)**

**Department of Chemistry**

**Action taken report of 7<sup>th</sup> BOS**

**BOS Suggestions and Implementation**

**Academic Year 2022-23**

<b>Sem/Year</b>	<b>Course code/Title</b>	<b>Suggestions by BOS Members</b>	<b>Status of Implementation</b>
I	Industrial Inorganic Materials	<ol style="list-style-type: none"><li>1.The content of Module 1 should be reduced</li><li>2.The topic Solar panels &amp; Optical Fibre Cable should be included in Module 1.</li><li>3.The topic Nano applications of Metal Matrix composite should be included in Module 3.</li></ol>	Implemented
I	Women in Society	There is no change in syllabus	Implemented



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**PAAVAI ENGINEERING COLLEGE (Autonomous)**

**Department of English  
Action taken report of 7<sup>th</sup> BOS  
BOS Suggestions and Implementation  
Academic Year 2022-23**

<b>Sem / Year</b>	<b>Course code / Title</b>	<b>Suggestions by BOS Members</b>	<b>Status of Implementation</b>
-	<b>EN20964 English Articulation</b>	Add compound words, mispronounced words and remove error analysis.	Implemented



HOD

**PAAVAI ENGINEERING COLLEGE (Autonomous)**

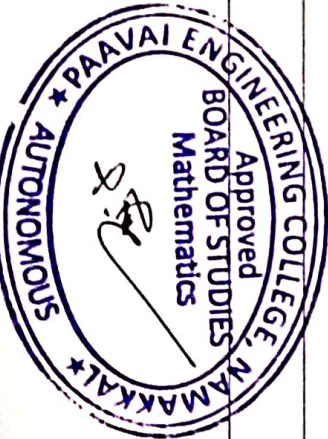
Department of Mathematics

Action taken report of 7<sup>th</sup> BOS

**BOS Suggestions and Implementation**

Academic Year 2022-2023

Sem /Year	Course code/ Title	Suggestion by BOS Members	Status of Implementation
VIII/ IV	MA19701/MA20701 Operations Research	<p><b>1. Unit-I</b></p> <ul style="list-style-type: none"> <li>* Rename the title 'Linear Programming Models' instead of 'Introduction to Linear Programming'</li> <li>* Remove the topic "Introduction to applications of operations research in functional areas of management".</li> <li>* Mention the method name 'Big- M' method in Simplex methods.</li> </ul> <p><b>2. Unit-II</b></p> <ul style="list-style-type: none"> <li>* Rename the title 'Transportation and Assignment Problems' instead of 'Linear Programming Extensions'</li> </ul> <p><b>3. Unit-III</b></p> <ul style="list-style-type: none"> <li>* Rename the title 'Queuing Models' instead of 'Queuing Theory and Replacement Models'</li> <li>* Remove the topics 'Replacement models – Individual's replacement models (With and without time value of money).</li> </ul> <p>4. In text book -Replace "Handy A Taha (2013), "Introduction to Operations Research", 9<sup>th</sup> Edition, Prentice Hall India, Third Indian Reprint" instead of "Handy A Taha (2004), "Introduction to Operations Research", 7<sup>th</sup> Edition, Prentice Hall India, Third Indian Reprint".</p>	Implemented
I &II/ I	Value added course-Aptitude and Reasoning	No changes.	Implemented
I &II/ I	Value added course-Gender Studies	Mention the Lecture hours	Implemented



*[Signature]*  
HOD

# PAAVAI ENGINEERING COLLEGE

(Autonomous)

Department of Physics

Regulations-2019 (Revised)

8<sup>th</sup> BOS Suggestions and Implementation

(Online Mode)

Academic Year 2022-2023

Based on the discussion and recommendations held during the standing committee meeting dated 04.08.2022. The following suggestions have been implemented in the curriculum and syllabus.

S.NO	SEM/ YEAR	COURSE CODE - TITLE	SUGGESTIONS BY BOS NOMINEE / EXPERT	STATUS OF IMPLEMENTATION
1	I	Physics In Everyday Life	1. Module-IV - Nuclear physics is removed and added the topic optics sensor, scanner and its types.	Implemented



**Mrs. S. Kavitha**  
HoD, Physics / BOS Chairman