



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 2021-2022

Date:19/05/2021

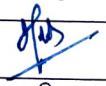





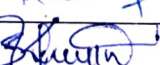
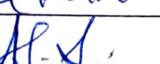

1. Feedback was collected.
2. The feedback was analysed and reviewed through Internal Committee.
3. The Proposed draft of syllabus was put forth to DAC. The Constructive suggestions were taken from the Stakeholders feedback.
4. After detailed deliberation and discussion, the proposed draft of syllabus 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	452
2.	Teachers	47
3.	Alumni	128
4.	Employer	10

Name of the course	Recommended by	Recommendation	Action Taken
Students Feedback			
Matrices and Calculus	P.ATTISH/CSE	Suggested that Aptitude course incorporated.	Forwarded suggestion for the approval of DAC
English Proficiency Course Laboratory	T.ADITHYA/CYBER SECURITY	Include more writing skills exercises	Forwarded suggestion for the approval of DAC
Engineering Physics	B.AGATHIYAN/FOOD TECHNOLOGY	Suggested need additional classes for tough portion.	Forwarded suggestion for the approval of DAC
Engineering Chemistry	A.NAVEEN KUMAR /IT	Suggested that medicinal plant studies incorporated	Forwarded suggestion for the approval of DAC
Faculty Feedback			
Matrices and Calculus	R.Pradeepa /Maths	Suggested that incorporated Decision Making Theory in One credit course.	The suggestion is forwarded for the approval of DAC
English Communication Skills I	S.Archana/English	Suggested to add new courses to wide their career choices.	Forwarded suggestion for the approval of DAC

Engineering Physics	Mrs.S.Kavitha/Physics	Suggested for value added course	The suggestion is forwarded for the approval of DAC
Engineering Chemistry	Dr.N.Dhanabalan/ Chemistry	Suggested that title change of drug delivery instead of advanced pharmaceutical chemistry in one credit course.	Forwarded suggestion for the approval of DAC
Alumni Feedback			
	L.Gokul(EEE), Foxconn Hon Hai Technology, Chennai.	Suggested to include more topics related to competitive exams in the syllabus.	Forwarded suggestion for the approval of DAC
	S.Naveenkumar(Mech), Varroc polymers pvt ltd, Chennai.	Suggested more organic based syllabus in chemistry can be included	Forwarded suggestion for the approval of DAC
	S.Ajaykumar(EEE) TCS Technology, Chennai.	Suggested that the syllabus can be related to both industry and academia	Forwarded suggestion for the approval of DAC
Employer Feedback			
	Mr.M.Nagaraj Sodisuyapvt ltd, Chennai.	Suggested to incorporate Industrial electrochemistry syllabus.	The suggestion is forwarded for the approval of DAC
	Mr.Peter Ann Spinksofttech Technology, Chennai.	Suggested that the curriculum needs to be capable of imparting leadership qualities .	Forwarded suggestion for the approval of DAC
	Mr.N.Saravana kumar KayjayForginspvt ltd.	Suggested to incorporate communication skill exercises in the syllabus.	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	Dr.S.Vadivel	HOD/Physics	Member	
5	Dr.R.Shanthi	HOD/English	Member	
6	Dr.N.Dhanabalan	Associate Professor/Chemistry	Member	
7	Mrs.R.Pradeepa	Assistant Professor/Maths	Member	
8	Mrs.S.Kavitha	Associate Professor/Physics	Member	
9	Ms.S. Archana	Assistant Professor/English	Member	

M. MOHAN, M.Sc., M.Phil., M.E.,
HOD/S&H
Professor & Head
Department of Science & Humanities
Paavai Engineering College (Autonomous)
NH-44, Paavai Nagar, Pachal,
Namakkal (Dist) - 637 018

PRINCIPAL
PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, NAMAKKAL Dist

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)**

DEPARTMENT OF PHYSICS

MINUTES OF THE SEVENTH BOARD OF STUDIES MEETING

(ONLINE MODE)

DATE & TIME: 31.07.2021 & 11.00 a.m.

MEMBERS PRESENT

S.NO	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY/INDUSTRY
1.	Dr.S.Vadivel HoD & Professor	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.	Dr.P.Rosaih Professor / Physics	Member	Paavai EngineeringCollege
5.	Mrs.S.Kavitha Associate Prof / Physics	Member	Paavai EngineeringCollege
6.	Mrs.C.Barathi Associate Prof / Physics	Member	Paavai EngineeringCollege
7.	Mr.R.Dhananchezian Assistant Professor / Physics	Member	Paavai EngineeringCollege
8.	Mr.P.Suresh Assistant Professor / Physics	Member	Paavai EngineeringCollege
9.	Mrs.P.Divya Assistant Professor / Physics	Member	Paavai EngineeringCollege

AGENDA

1. The syllabus for the Ph.D. Programme of Regulations 2019
2. List of one credit and value added courses for the Regulations 2019(CBCS)
3. Panel of examiners

Suggestions by the members

The course objectives and outcomes have to be reframed for all one credit courses, value added courses and Ph.D. programme courses work.

One Credit Courses

PH20951 Biosensors – One Credit Course

- Unit -II title should be changed in fabrication of biosensor and their characteristics instead of preparation of biosensors.
- The topics different types of biosensors like Optical-detection biosensor, thermal-detection biosensor, electrochemical biosensor, gravimetric and acoustic should be included in Unit-II.

PH20952 Materials for Renewable Energy Conversion– One Credit Course

- The unit-III should be materials for Fuel cells and the syllabus content should be according to the title.

Solar Photovoltaic – Value added Course

- Photovoltaic systems, Photovoltaic efficiency and module should be Unit-III & Unit-IV and the syllabus content should be framed accordingly.


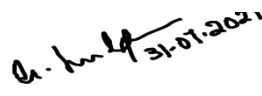

PHR2015 Solar Photovoltaic System– Ph.D. Programme Course work

- The topics fundamental of semiconductor physics and operating principles should be included in unit-I.

PHR2016 Electrochemical Energy Storage Systems– Ph.D. Programme Course work

- The topics Primary and Secondary cells, Chemistry and materials used for various components (electrodes, electrolytes, separator and binders) included in unit I.
- The topics types of supercapacitors included in unit-IV.
- The Unit-V topics should be electrochemical analysis techniques instead of fuel cell and the syllabus content should be according to the title.

The above suggestions were given by the members and approved the syllabi for the Regulations 2019(CBCS), Ph.D. programme, one credit courses, value added courses and panel of examiners.

Position in the committee	Chairman	University Nominee	Academic Expert
Name & Designation	Dr.S.Vadivel HoD & Professor	Dr.G.Kalpna Professor / Physics	Dr.A.Karthigeyan Professor / Head i/c Physics and Nanotechnology
e-Signature			

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)
PACHAL, NAMAKKAL**

REF: PEC/DAC/AY2021-2022/MOM1

Date: 21.07.2021

Department Advisory Committee – Minutes of Meeting

Date of Meeting	:	21.07.2021
Timings	:	02.00 p.m.
Venue (Online)	:	Microsoft Teams App
Reference	:	REF: PEC/DAC/AY2021-22/CIR-01 dated on 16.07.2021

A meeting was conducted on 21.07.2021 at 02.00 p.m. in Microsoft Teams App (Online) 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 and PG.

Following points were discussed in the meeting:

1. Discussion about Minutes of Sixth Board of Studies Meeting.
2. Discussed about the improvements to be made in the Syllabus of 1st and 2nd semesters (UG and PG) of Regulations 2019.
3. Comparison of Curriculum and Syllabus of Autonomous regulation 2019 with Anna University Chennai and other reputed autonomous institutions.
4. Deliberated about latest editions of Text books and reference books.
5. Discussions about the one credit courses.
6. Deliberations to add new open elective courses.
7. Analyzed the feedback received from students, Faculty members, Alumni and Employer.
8. Discussions about mentoring system and Class committee meeting.

9. Discussion about the list of assessment tools and processes used for measurement of attainment of each of the COs and POs.
10. Sixth Board of Studies meeting is scheduled on 27.07.2021.

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 SIXTH BOARD OF STUDIES MEETING

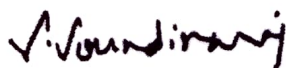
Venue: English Communications Skills Laboratory

Date and Time: 27.07.2021 & 2.00 p.m.

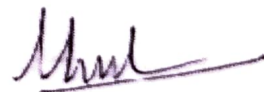
1. The Board Chairman Dr.R.Shanthi welcomed everyone present in the online meeting.
2. The University nominee Dr.S.Soundiraraj, and the Academic Expert Dr.J.Michael Raj, Assistant Prof (S.G), SRM Institute of Science and Technology, Department of English & Foreign Languages gave the following suggestions.
3. The introduction of Open Electives, Personality Development and Journalism, Mass media, CDL Lab syllabus were approved.
4. In Journalism and Mass media the experts recommended certain changes in course objectives and outcomes. And also a change in the Unit 5 title 'Miscellaneous' was suggested.
5. In Personality Development syllabus, the course outcome was suggested to be changed as realise the importance of Digital Technology instead of realise the role of technology.
6. Value Added course Verbal Communication and Effective Communication was approved by the Board.



Board Chairman



University Nominee



Academic Expert

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)**

DEPARTMENT OF MATHEMATICS

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

DATE: 14.08.2021

TIME: 11.00AM

MEMBERS PRESENT

S. NO	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY
1	Dr. P. Jayakumar	Professor & Head	Paavai Engineering College
2	Dr. P. Vimala	Professor	Anna university, Chennai
3	Dr. G. Murugusundaramoorthy	Professor	VIT University, Vellore
4	Dr. B.KishokKumar	Professor	Paavai Engineering College
5	Mrs.K. Uma	Assistant Professor	Paavai Engineering College
6	Dr.M. Sathish kumar	Associate Professor	Paavai Engineering College
7	Mrs. R.Pradeepa	Assistant 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. Aishwarya	Assistant Professor	Paavai Engineering College
13	Mrs. D. Seethalakshmi	Assistant Professor	Paavai Engineering College
14	Miss. M. Nandhinipriya	Assistant Professor	Paavai Engineering College

AGENDA:

1. To discuss about the one credit and open elective courses and its syllabus for the Regulations 2019(CBCS).
2. To discuss value added courses and its syllabus for the Regulations 2019(CBCS).
3. To discuss career development laboratory for the Regulations 2019(CBCS).
4. Panel of examiners.

Suggestions by the members:

- **Open elective courses**


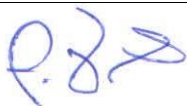
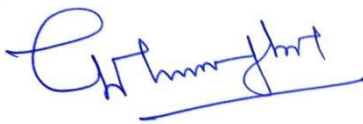
- 1. MA20901-Operations Research**

- *Appropriate Learning objectives.*
- *Unit V - Queueing Theory and Replacement Models – Include types of models in Single and multi-channel models*
- *In reference book, use full form of publisher name instead of abbreviation ('Prentice Hall of India' instead of PHI).*

2.MA20902 - Graph Theory-In reference book, use full form of publisher name instead of abbreviation ('Prentice Hall of India' and "Tata McGraw Hill" instead of PHI and TMH respectively).

- One credit courses-MA20951- *Decision Theory, Decision Tree and Theory of Games and MA20952- Project Management*–Typical error in LTFC should be avoided
- Value added courses-Aptitude- I &Aptitude –II- No changes.
- EN19501/EN20501-Career Development Laboratory-I, EN19601/EN20601 - Career Development Laboratory-II- No changes

The above suggestions were given by the members and approved the syllabi for the 1st and 2nd semester of 2021-22 admitted students, 3rd and 4th semester of 2020-2021 admitted students of Regulations 2019(CBCS), one credit courses, value added courses and panel of examiners.

Position in the committee	Dr. P. Jayakumar	Dr. P. Vimala	Dr. G. Murugusundaramoorthy
Name & Designation	Professor & Head	Professor	Professor
e-Signature			

**PAAVAI ENGINEERING COLLEGE
(AUTONOMOUS)**

DEPARTMENT OF PHYSICS

MINUTES OF THE SEVENTH BOARD OF STUDIES MEETING

(ONLINE MODE)

DATE & TIME: 31.07.2021 & 11.00 a.m.

MEMBERS PRESENT

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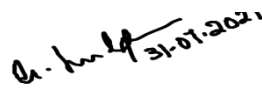

PHR2015 Solar Photovoltaic System– Ph.D. Programme Course work

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Position in the committee	Chairman	University Nominee	Academic Expert
Name & Designation	Dr.S.Vadivel HoD & Professor	Dr.G.Kalpna Professor / Physics	Dr.A.Karthigeyan Professor / Head i/c Physics and Nanotechnology
e-Signature			

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CHEMISTRY

ACTION TAKEN REPORT

6th BOS Held on 30.07.2021

Date: 23.08.2021

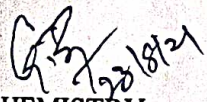
Based on the discussion and recommendations held during the Standing Committee meeting dated 20.08.2021.

The following suggestions have been implemented in the curriculum and syllabus on One credit and value added courses.

S.No	Year	Course code & Name	Suggestions	Implementation
1.	I	CH 19951 Drug delivery	i). Change of subject name as Drug delivery. ii). Entire unit 2 syllabus should be replaced by unit 3. iii).The unit 3 topic exclusively covered with Instruments analysis of drugs.	Implemented
2	I	CH 19952 Current Trends in Fuel Cells	i). Change of subject name as current trends in fuel cells. ii) Entire unit 2 syllabus should be replaced by unit 3 iii). The unit 3 topic exclusively covered with commercial solar cells.	Implemented
3	I	CH 19953 Industrial Electrochemistry	i) Entire Unit 2 syllabus should be replaced by unit3 ii).The unit 3 topic exclusively covered with Commercial Batteries.	Implemented

4	1	Photochemistry of Medicinal Plants	i) GC-MS Technique topic should be included ii). In unit 5 Health benefits of specified compound should be included.	Implemented.
5	1	Human Rights	i) No correction in syllabus	Implemented

The above implementations were effective from the academic year 2021-2022.


HOD/CHEMISTRY


PRINCIPAL

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

ACTION TAKEN REPORT

6th BOS Held on 27.07.2021

Date: 22.08.2021

Based on the discussion and recommendations held during the Standing Committee meeting dated 20.08.2021.

The following suggestions have been implemented in the curriculum and syllabus.

S. No	Year	Course code & Name	suggestions	implementation
1.	VI / III	EN10902 Journalism and Mass Media (Open elective)	Recommended to change the title of Unit 5. The title was changed as Basics in writing for media.	Implemented
2.	VI / III	EN10901 Personality Development (Open elective)	Suggested to change the course outcome.	Implemented
3.	III, IV/ II	EN20301/401 English Proficiency Course Laboratory	Add IELTS writing exercise.	Implemented

The above implementations were effective from the academic year 2021- 2022.



HOD/ENGLISH



PRINCIPAL

PAAVAI ENGINEERING COLLEGE(AUTONOMOUS)

NAMAKKAL

DEPARTMENT OF MATHEMATICS

ACTION TAKEN REPORT (2021-2022)

STATUS OF IMPLEMENTATION OF BOARD OF STUDIES MEETING

UG AND PG REGULATIONS

S.NO	SEM/ REGULATION	COURSE NAME	EXISTING	SUGGESTIONS	STATUS OF IMPLEMENTATION
1	I / R-20	Matrices and calculus	Diagonalisation of a real symmetric matrix by orthogonal transformation.	Replace the existing by Diagonalisation by similarity and orthogonal transformation.	IMPLEMENTED
2	II / R-20	Complex Variables and Differential Equations	use of Circular and semicircular Contour.	Replace the existing by evaluation of Circular and semicircular Contour.	IMPLEMENTED
3	III / R-19	Transforms and Boundary Value Problems	Applications of PDE	Replace the existing title of Unit IV to Fourier series solution to PDE.	IMPLEMENTED
4	III / R-19	Linear Algebra and Partial Differential equations	- - Linear Transformations and Diagonalisation Applications of PDE	Rearrange the units with respect to the course title. Modify “Vector spaces “ as Unit I and “ Linear transformations” as Unit II Replace the existing title of unit to “Linear Transformation and Inner Product Spaces “ Replace the existing title of Unit V to Fourier series solution to PDE.	IMPLEMENTED

S.NO	SEM/ REGULATION	COURSE NAME	EXISTING	SUGGESTIONS	STATUS OF IMPLEMENTATION
5	IV / R-19	Probability and Queuing Theory	Functions of variables in Unit II	Shift the existing topic from Unit II to Unit III	IMPLEMENTED
6	IV / R-19	Probability and Random Processes	Functions of variables in Unit II	Shift the existing topic from Unit II to Unit III	IMPLEMENTED
7	IV / R-19	Probability and Statistics	Tests based on 't'	Include the subtopic "Small samples" before the existing.	IMPLEMENTED
8	IV / R-19	Numerical Methods	-	Make some changes in the order of the syllabus content.	IMPLEMENTED
9	III / R-19	Resource Management Techniques	Taha H.A., "Operations Research: An Introduction" 8th Edition, Pearson Education, 2011.	Omit existing textbook and add the recent edition of Taha Volume as textbook	IMPLEMENTED
10	III / R-19	Operations Research (Open Elective)	-	Modify the Objectives and outcomes.	IMPLEMENTED
11	R-19	Career Development Laboratory I and II	-	Name the topics as Quantitative Aptitude -I and Quantitative Aptitude-II	IMPLEMENTED



P. J. HOD

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF PHYSICS

ACTION TAKEN REPORT

7th BOS Held on 31.07.2021

Date: 23.08.2021

Based on the discussion and recommendations held during the Standing Committee meeting dated 20.08.2021.

The following suggestions have been implemented in the curriculum and syllabus.

S. No	Year	Course code & Name	suggestions	implementation
1	Ph.D. Programme Course work	PHR2015 & Solar Photovoltaic System	The topics fundamental of semiconductor physics and operating principle should be included in unit-I.	Implemented
		PHR2016 & Electrochemical Energy Storage Systems	The topics Primary and Secondary cells, Chemistry and materials used for various components (electrodes, electrolytes, separator and binders) included in unit I.	Implemented
			The topics types of super capacitors included in unit-IV.	Implemented
			The Unit-V topics should be electrochemical analysis techniques instead of fuel cell and the syllabus content should be according to the title.	Implemented
2.	One Credit Course	PH20951 & Biosensors	Unit -II title should be changed in fabrication of biosensor and their characteristics instead of preparation of biosensors	Implemented
			The topics different types of biosensors like Optical-detection biosensor, thermal-detection biosensor, electrochemical biosensor, gravimetric and acoustics should be included in Unit-II.	Implemented
		PH20952 & Materials for Renewable Energy Conversion	The unit-III should be materials for Fuel cells and the syllabus content should be according to the title	Implemented
3.	Value added Course	21GEVC103 & Solar Photovoltaic	Photovoltaic systems, Photovoltaic efficiency and module should be Unit-III & Unit-IV and the syllabus content should be framed accordingly.	Implemented

The above implementations were effective from the academic year 2021-2022

HOD/PHYSICS

PRINCIPAL