PAAVAI ENGINEERING COLLEGE

(Autonomous)
NH 44, PACHAL, NAMAKKAL-637018

DEPARTMENT OF AERONAUTICAL ENGINEERING

ACTION TAKEN REPORT- STAKEHOLDERS FEEDBACK ON CURRICULUM & SYLLABUS

Academic Year 2016-2017

Date:18.04.2016

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.	Stake Holders	No of feedback form received
1.	Teachers	4
2.	Employer	4

Name of the course	Recommended by	Recommendation	Action Taken
Students Feedback			
Faculty Feedback			
BAE	P.Sethunathan	Content related to Aeronautics to be added	The recommendation is considered and forwarded for DAC approval
Solid Mechanics	G.Sasi	Some topics and problems can be minimised	The recommendation is considered and forwarded for DAC approval
Common to Regulations	D.Raj Kumar	Choice based credit system can be introduced	The recommendation is considered and forwarded for DAC approval
Employer Feedback			
Common to all	J.Bala kannan	UAV courses and internships to be implemented	The recommendation is considered and forwarded for DAC approval
NDT	D.Arul Jothi	NDT courses can be given as both theory and Lab	The recommendation is considered and forwarded for DAC approval
General	R.Bharath Prabhu	Drone piloting can be introduced as a new course	The recommendation is considered and forwarded for DAC approval

S.No	Name of the Member	Designation	Role	Signature
1.	D.RAJ KUMAR D	HOD	Chairman/BOS	
2.	P.SETHUNATHAN	Asst.Prof	Member	
3.	G.SASI	Asst.Prof	Member	
4.	M.MALARVIZHI	Asst.Prof	Member	

HOD/AERO

PRINCIPAL

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

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TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	P. SETHUNATHAN	Academic Year	2016
Designation	AP	Department	AERO

*Note: (Use 5 Point Scale) : Excellent- 5; Very good-4; Good-3; Fair-2; Poor-1

S.No.	Parameters	Rating
1.	Curriculum and Syllabi are need based	5
2.	Courses are relevant to the Programme	4
3.	The course outcomes are clear and well defined	4
4.	The course has good balance between theory and lab experiments	4
5.	The syllabus covers modern and advanced topics	4
6.	Adequacy of time for effective coverage of syllabus / lab experiments	4
7.	Sufficient number of prescribed books, reference books and e-resources are available in the library	4
8.	The curriculum ensures student participation in learning process	4

Any other suggestions:

content can be added related to aero

Signature

Date: 10.4.2016

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TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	G. Sasi	Academic Year	2016
Designation	Assistant Professor	Department	Aeronautical.

*Note: (Use 5 Point Scale) : Excellent- 5; Very good-4; Good-3; Fair-2; Poor-1

S.No.	Parameters	Rating
1.	Curriculum and Syllabi are need based	5
2.	Courses are relevant to the Programme	4
3.	The course outcomes are clear and well defined	4
4.	The course has good balance between theory and lab experiments	5
5.	The syllabus covers modern and advanced topics	4
6.	Adequacy of time for effective coverage of syllabus / lab experiments	5
7.	Sufficient number of prescribed books, reference books and e-resources are available in the library	5
8.	The curriculum ensures student participation in learning process	4

Any other suggestions:

Topics and Problems can be reduced in the course Solid Mechanics.

G. Sasi
Signature

Date: 10.4.2016

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TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	D. Raj Kumar	Academic Year	2016
Designation	AP	Department	Aero

*Note: (Use 5 Point Scale) : Excellent- 5; Very good-4; Good-3; Fair-2; Poor-1

S.No.	Parameters	Rating
1.	Curriculum and Syllabi are need based	5
2.	Courses are relevant to the Programme	4
3.	The course outcomes are clear and well defined	5
4.	The course has good balance between theory and lab experiments	4
5.	The syllabus covers modern and advanced topics	5
6.	Adequacy of time for effective coverage of syllabus / lab experiments	5
7.	Sufficient number of prescribed books, reference books and e-resources are available in the library	5
8.	The curriculum ensures student participation in learning process	5

Any other suggestions:

CBCS can be Introduced.

Date: 10.4.2016

Signature

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EMPLOYER'S FEEDBACK ON CURRICULUM & SYLLABUS

Dear Employer,

Many graduates of our college are already working in your organization. We are thankful to you for providing them employment with your prestigious company/ organization. We shall be very much appreciate and grateful to you for sparing your valuable time to fill up this feedback form. It will help us to improve the Institute further and give you better employees in future. Please fill in feedback form below and all information submitted here remains strictly confidential. It is used for quality evaluation purpose only.

Name of the Employer: ARULJYOTHI.D

Organization: TECHSHORE INSPECTION SERVICES

Present Position: ADMIN DIRECTOR

*Note: (Use 5 Point Scale): Excellent- 5; Very good-4; Good-3; Fair-2; Poor-1

S.No.	Parameters	Rating
1.	The curriculum and syllabi match with the programme	5
2.	The courses are related to industry that are included in the programs	4
3.	The courses are related with the specialization streams	5
4.	The syllabus has good balance between theory and application:	5
5.	Incorporates technical and communication skills	4
6.	Imparts knowledge and skills required for the job market	5
7.	Curriculum develops innovative thinking	5
8.	Is the curriculum relevant for employability /makes the student competent	5

Any other suggestions:

NDT Courses can be given as both theory and lab.

Date: 10.4.2016

D Aruljothi
Signature

PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)
(Approved by AICTE and Affiliated to Anna University)
(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)
Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018.Tamil Nadu
04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

Date: 06.06.2017

Minutes of the Board of Studies Meeting

Venue: CUTE Hall
Date and Time: 06.06.2017, 10.00 am

Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature with Date
1.	Mr.D.Rajkumar	Asst.Prof / Aero	Chairman	Paavai Engineering College	
2.	Dr.J.BruceRalphin Rose	Asst.Prof (Sr.G) / Aero	Academic Expert	Anna University Regional Centre, Thirunelveli	
3.	Dr.R.Kannan	Asst.Prof (Sr.G) / Aero	Academic Expert	Amrita University Coimbatore	
4.	Mr.R.Bharathprabhu	Director/CEO	Industry Expert	Dronera The Indigenes,Tanjore	
5.	Mr.P.Sethunathan	AP/Aero	Members	Paavai Engineering College	
6.	Mr.G.Sasi	AP/Aero			
7.	Ms.M.Malarvizhi	AP/Aero			
8.	Mr.M.S.Vijayanand	AP/Mech			
9.	Mr.K.Uma	AP/Maths			
10.	-	-	University Nominee	Not Appointed	-

Minutes of the Board of Studies Meeting

Venue: Department of Aeronautical Engineering

Date and Time: 06.06.2017, 10.00 am

1. Chairman / BoS welcomed all members to the 3rd meeting of Board of Studies.
2. Chairman / BoS introduced the members to the Board of Studies.
3. Chairman / BoS introduced the members about agenda.
    - B.E. Aeronautical Engineering Passed following details
        - Curriculum and syllabus of Fifth and Sixth semester with effect from the Academic year 2017-2018 for the batches of students admitted on 2015-2016 Under 2015 Regulations.
        - Curriculum and syllabus of Third and Fourth semester with effect from the Academic year 2017-2018 for the batches of students admitted to 2016-2017 Under 2016 Regulations.
        - Curriculum and syllabus of First and Second semester with effect from the Academic year 2017-2018 for the batch of students admitted on 2017-2018 Under 2016 Regulations.
        - Comparison of Anna University and the proposed curriculum of Paavai Engineering College.
        - Any other matter of discussion

4. Chairman / BoS briefed the members about B.E. Aeronautical Engineering curriculum structure and syllabus.
5. The following are the suggestion given by the member of Board of Studies:
    - 'AE15702 & AE16702 Vibrations and Elements of Aero elasticity' has to be replaced by 'Theory of Vibrations' and also advised to add a separate elective subject for Aero elasticity.
    - In R2015 syllabus it is advised 'AE15808 Boundary Layer Theory' should be studied before 'AE15706 Turbulent flow'
    - In regulation 2016, 'AE16401 Aerodynamics-I' the subject title is advised to change as 'Aerodynamics' and similarly 'AE16501 Aerodynamics-II' the subject title is advised to change as 'Compressible Fluid Flow'.
    - 'AE15613 Aero CAD Laboratory' the simple fuselage and wing structure has to be analyzed in ANSYS Workbench.
    - 'AE 15302 Basics of Aeronautical Engineering' unit 5 is advised to change the contents to fulfill the basics of space mechanics.
    - 'AE15604 Finite Element Method' unit-5 should be confined .Especially field problems should be replaced by specific problems.

- Advised to add M. J. Fagan "Finite Element Analysis : Theory and Practice" as text book for Finite element Method
- 'AE15507 Aircraft Structures –II Laboratory' composite materials fabrication and testing experiments should be included.
- Since the 2016 regulation is under CBCS, number of electives should be increased up to 9.
- In regulation 2016, along with 'AE16604 Finite Element Method' the Structure Simulation Laboratory should be implemented for enrichment of student knowledge.
- In regulation 2016, along with 'AE16701 Computational Fluid Dynamics' the Fluid Simulation Laboratory should be implemented for enrichment of student knowledge.
- Some contents of unit-5 in 'AE16305 Thermodynamics and Heat Transfer' have to be changed from propulsion as basics of heat transfer.
- All the laboratories should have mini projects.
- 'AE16406 Aerodynamics Laboratory' the experiments 8 & 9 should be combined and similarly the experiments 10 & 11 should be combined.
- 'AE16406 Aerodynamics Laboratory' the tuft and mini tuft experiments should be implemented
- Comprehension technical seminar should be innovative and efficient for the betterment of the student
- Restructure of electives must be implemented in R2015 and R2016 syllabus
- Open electives should not be taken by the aero students as their elective
- Experiments should be added in AE15508 Propulsion Lab

6. Chairman thanked all the members for their active participation, suggestion and contribution made for recommending the B.E. Aeronautical Engineering curriculum structure and Syllabus (5th and 6th semester of R- 2015) and (3rd and 4th semester of R-2016) to the Academic Council.

Mr.D.Rajkumar 6/11/2

HoD / AERO – BoS (Chairman)