



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	JANANI	Reg.No	15501013
Programme	MBA	Academic year	2016 - 2017
Year of Study	I year		

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

S.No.	Parameters	Rating
1.	Relevance of the course to the programme	4
2.	Appropriateness of the course content	5
3.	Adequacy of time for effective coverage of syllabus/ lab experiments	4
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	5
5.	Quality of textbook / reference book / course material	5
6.	The electives offered are relevant to the technological advancements	4
7.	Syllabus develop necessary technical skills to face the industry needs	4
8.	The provision of learning resources in the library are adequate	4

Any other suggestions:

Dual specialisation needed

Date: 5.03.2016


Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	Vigesh H. A	Reg.No	15501058
Programme	MBA	Academic year	2016 - 2017
Year of Study	I YEAR		

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

S.No.	Parameters	Rating
1.	Relevance of the course to the programme	4
2.	Appropriateness of the course content	4
3.	Adequacy of time for effective coverage of syllabus/ lab experiments	4
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	4
5.	Quality of textbook / reference book / course material	4
6.	The electives offered are relevant to the technological advancements	4
7.	Syllabus develop necessary technical skills to face the industry needs	4
8.	The provision of learning resources in the library are adequate	4

Any other suggestions:

syllabus is good

Date:

5 / 03 / 2015

Vigesh H.
Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	Ramesh	Reg.No	15501036
Programme	MBA	Academic year	2016 - 2017
Year of Study	I year		

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

S.No.	Parameters	Rating
1.	Relevance of the course to the programme	4
2.	Appropriateness of the course content	4
3.	Adequacy of time for effective coverage of syllabus/ lab experiments	4
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	4
5.	Quality of textbook / reference book / course material	4
6.	The electives offered are relevant to the technological advancements	4
7.	Syllabus develop necessary technical skills to face the industry needs	4
8.	The provision of learning resources in the library are adequate	4

Any other suggestions:

Good

Date: 05.03.18

Ramesh
Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	Dr. M. Curusamy	Academic Year	AP 2016-17
Designation	AP	Department	MBA

*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	3
2.	Courses are relevant to the Programme	3
3.	The course outcomes are clear and well defined	3
4.	The course has good balance between theory and lab experiments	4
5.	The syllabus covers modern and advanced topics	3
6.	Adequacy of time for effective coverage of syllabus / lab experiments	3
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:

extra activities class and practical. style class

Date: 6.03.15


Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	T. Gomathi	Academic Year	2016-17
Designation	AP	Department	MBA

*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	3
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	5
5.	The syllabus covers modern and advanced topics	4
6.	Adequacy of time for effective coverage of syllabus / lab experiments	3
7.	Sufficient number of prescribed books, reference books and e-resources are available in the library	3
8.	The curriculum ensures student participation in learning process	5

Any other suggestions:

nil

Date: 6.3.16


Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	Ms. Mhama	Academic Year	2016-17
Designation	AP	Department	MBA

*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	3
3.	The course outcomes are clear and well defined	3
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	4
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:

nil

Date: 6.3.15

Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni: Sathish

Branch and Year of completion: 2015

Organization with address: SRIRAM FINANCE
SENIOR MANAGER

Designation: SENIOR MANAGER

Email id: mobile : 9655567913

Mobile No: email : Sathish19927mid@gmail.com

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

S.No.	Parameters	Rating
1.	Curriculum and Syllabi meets the present scenario	5
2.	The units in the syllabus are properly sequenced	4
3.	The allocation of the credits and its weightage to the course is balanced	5
4.	The courses have enhanced the knowledge and the technical skills	4
5.	The curriculum bridges the gap between the industries and institute	5
6.	The curriculum is offered with elective courses/ interdepartmental courses	4
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	5
8.	Inclusion of latest developments in the courses	4

Any other suggestions:

Good



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni:

Padmavathi

Branch and Year of completion:

2015

Organization with address:

P. A. Tata - Telecalling
TATACAL

Designation:

Telecaller

Email id:

pbbbranch1ha34@gmail.com

Mobile No:

9597657371

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

S.No.	Parameters	Rating
1.	Curriculum and Syllabi meets the present scenario	5
2.	The units in the syllabus are properly sequenced	4
3.	The allocation of the credits and its weightage to the course is balanced	5
4.	The courses have enhanced the knowledge and the technical skills	5
5.	The curriculum bridges the gap between the industries and institute	5
6.	The curriculum is offered with elective courses/ interdepartmental courses	4
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	5
8.	Inclusion of latest developments in the courses	5

Any other suggestions:

Electives lists are to
be increased



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni:

Raja Pandian, R

Branch and Year of completion:

2015

Organization with address:

AXIS Bank, Salem

R

Designation:

Manager-M 2 level

Email id:

Rajapandian1235@gmail.com

Mobile No:

9600961010

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

S.No.	Parameters	Rating
1.	Curriculum and Syllabi meets the present scenario	5
2.	The units in the syllabus are properly sequenced	5
3.	The allocation of the credits and its weightage to the course is balanced	5
4.	The courses have enhanced the knowledge and the technical skills	5
5.	The curriculum bridges the gap between the industries and institute	4
6.	The curriculum is offered with elective courses/ interdepartmental courses	5
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	5
8.	Inclusion of latest developments in the courses	4

Any other suggestions:



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

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: Tamarat . A

Organization: ASG technology solutions

Present Position: JIR Manager

*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	5
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:

~~subject~~ ~~can~~ Subject need
to be reduced

Date:

10 / 3 / 2016


Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

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:

Karthi.S

Organization:

First Source Solutions L.t.d.

Present Position:

Manager

*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	5
3.	The courses are related with the specialization streams	4
4.	The syllabus has good balance between theory and application:	5
5.	Incorporates technical and communication skills	5
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:

Good

Date:

9/3/16


Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

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: *Mr. Balu. M*

Organization: *BSA CORPORATION Ltd*

Present Position: *JR MANAGER*

*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	<i>5</i>
2.	The courses are related to industry that are included in the programs	<i>5</i>
3.	The courses are related with the specialization streams	<i>5</i>
4.	The syllabus has good balance between theory and application:	<i>5</i>
5.	Incorporates technical and communication skills	<i>4</i>
6.	Imparts knowledge and skills required for the job market	<i>5</i>
7.	Curriculum develops innovative thinking	<i>5</i>
8.	Is the curriculum relevant for employability /makes the student competent	<i>5</i>

Any other suggestions:

to be improved

Date: *9/3/16*

M. Balu

Signature



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ANALYSIS ON CURRICULUM & SYLLABUS – RESPONSE SHEET

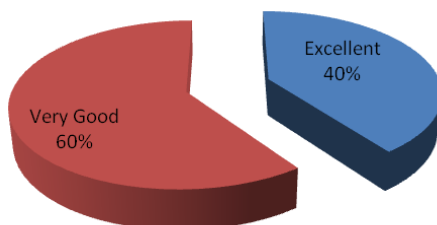
DEPARTMENT: MASTER OF BUSINESS
ADMINISTRATION

ACADEMIC YEAR: 2016-2017

1. Relevance of the course to the programme

Excellent	Very Good	Good	Fair	Poor
40%	60%	-	-	-

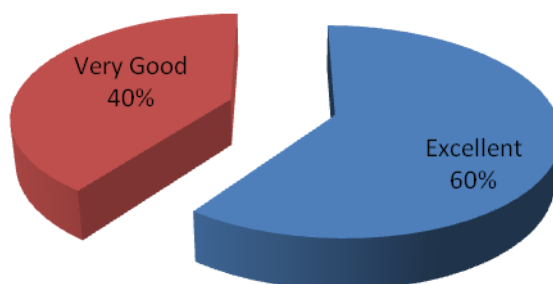
Relevance of the course to the programme



2. Appropriateness of the course content

Excellent	Very Good	Good	Fair	Poor
60%	40%	-	-	-

Appropriateness of the course content



3. Adequacy of time for effective coverage of syllabus/ lab experiments

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

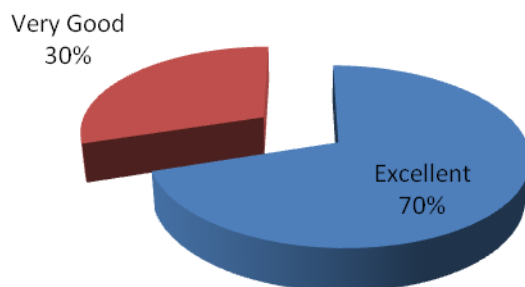


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

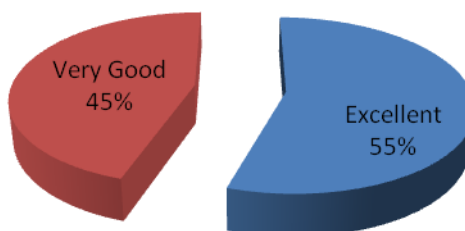
Adequacy of time for effective coverage of syllabus/ lab experiments



4. Teachers informed about the expected competencies, course outcomes and programme outcomes

Excellent	Very Good	Good	Fair	Poor
45%	55%	-	-	-

Teachers informed about the expected competencies, course outcomes and programme outcomes



5. Quality of textbook / reference book / course material

Excellent	Very Good	Good	Fair	Poor
40%	60%	-	-	-

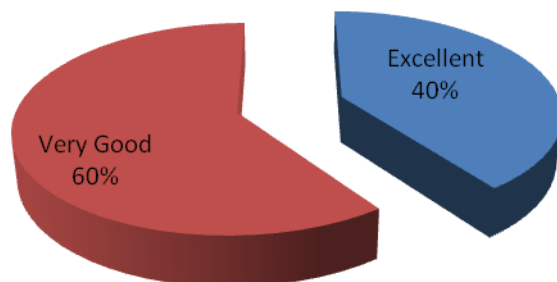


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

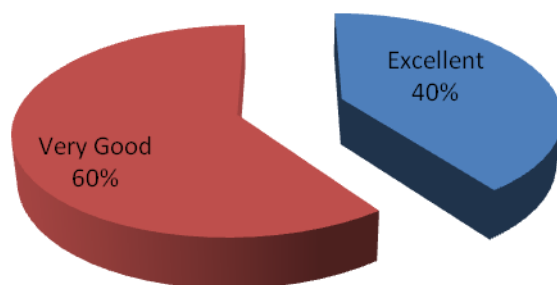
Quality of textbook / reference book / course material



6. The electives offered are relevant to the technological advancements

Excellent	Very Good	Good	Fair	Poor
40%	60%	-	-	-

The electives offered are relevant to the technological advancements



7. Syllabus develop necessary technical skills to face the industry needs

Excellent	Very Good	Good	Fair	Poor
60%	40%	-	-	-

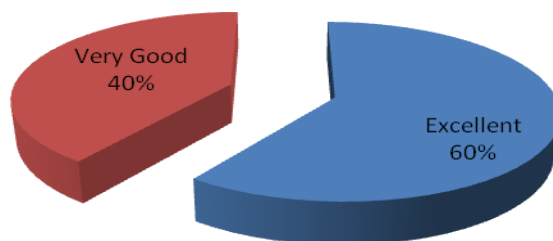


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

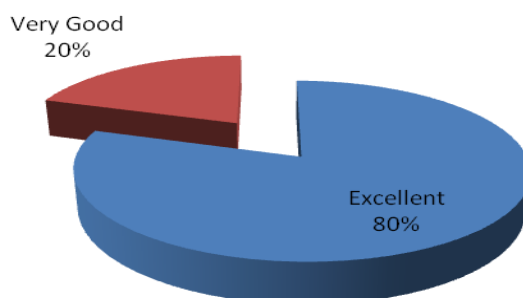
Syllabus develop necessary technical skills to face the industry needs



8. The provision of learning resources in the library are adequate

Excellent	Very Good	Good	Fair	Poor
80%	20%	-	-	-

he provision of learning resources in the library are adequate



P. P. Prathy
HOD/Dept

HEAD OF THE DEPARTMENT
Management Studies
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL (Po) Namakkal - 637018

P. P. Prathy
PRINCIPAL

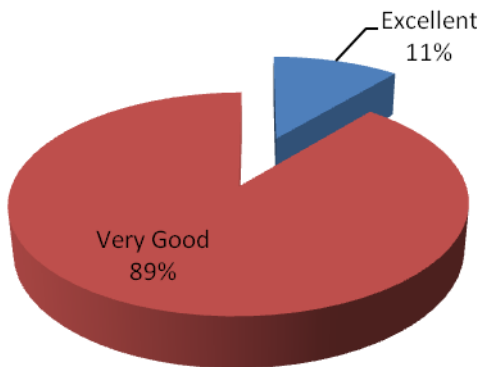
PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-44 PACHAL Post, NAMAKKAL Dist



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

FACULTY FEEDBACK ANALYSIS ON CURRICULUM & SYLLABUS – RESPONSE SHEET				
DEPARTMENT: CHEMICAL ENGINEERING			ACADEMIC YEAR: 2016-2017	
1. Curriculum and Syllabi are need based				
Excellent	Very Good	Good	Fair	Poor
11%	89%	-	-	-
<div><div>Curriculum and Syllabi are need based</div></div>				
2. Courses are relevant to the Programme				
Excellent	Very Good	Good	Fair	Poor
82%	18%	-	-	-

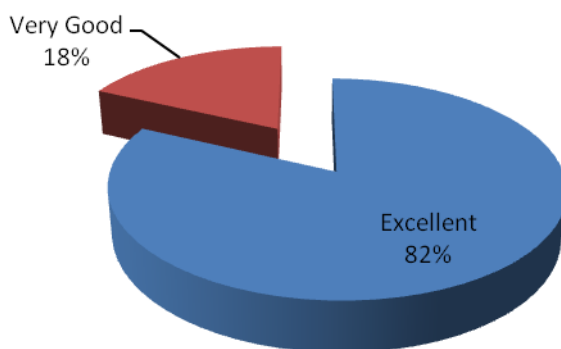


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

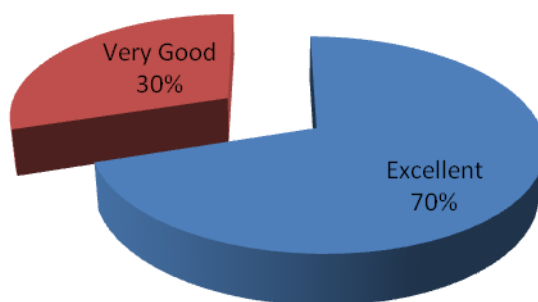
Courses are relevant to the Programme



3. The course outcomes are clear and well defined

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

The course outcomes are clear and well defined



4. The course has good balance between theory and lab experiments

Excellent	Very Good	Good	Fair	Poor
30%	70%	-	-	-

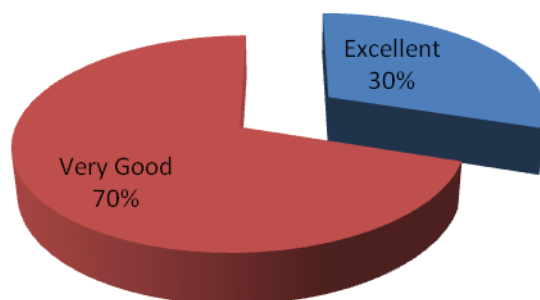


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

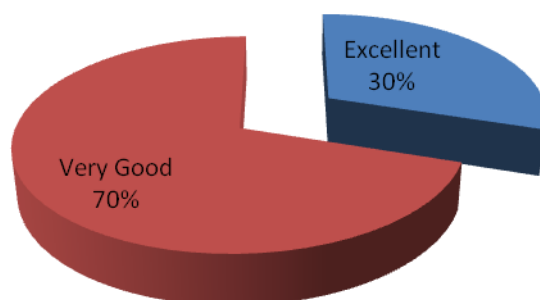
**The course has good balance
between theory and lab experiments**



5. The syllabus covers modern and advanced topics

Excellent	Very Good	Good	Fair	Poor
30%	70%	-	-	-

**The syllabus covers modern and
advanced topics**



6. Adequacy of time for effective coverage of syllabus / lab experiments

Excellent	Very Good	Good	Fair	Poor
20%	80%	-	-	-

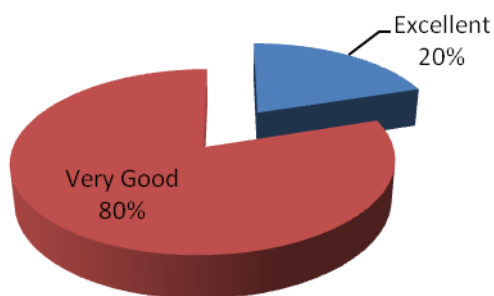


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

Adequacy of time for effective coverage of syllabus / lab experiments

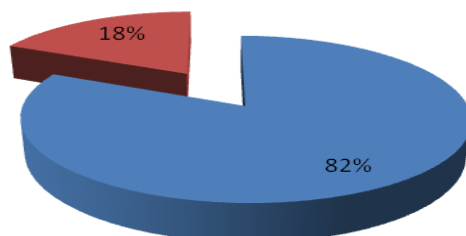


7. Sufficient number of prescribed books, reference books and e-resources are available in the library

Excellent	Very Good	Good	Fair	Poor
82%	18%	-	-	-

Chart Title

■ Excellent ■ Very Good



8. The curriculum ensures student participation in learning process

Excellent	Very Good	Good	Fair	Poor
25%	75%	-	-	-

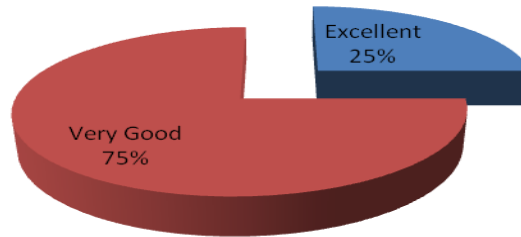


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

The curriculum ensures student participation in learning process



P. P. P. P.
HOD/Dept

HEAD OF THE DEPARTMENT
Management Studies
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL (Po) Namakkal - 637018

P. P. P. P.
PRINCIPAL

PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL Post, NAMAKKAL Dist



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

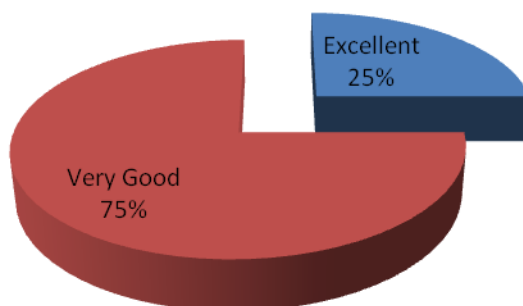
EMPLOYER'S FEEDBACK ANALYSIS ON CURRICULUM & SYLLABUS – RESPONSE SHEET

DEPARTMENT: CHEMICAL ENGINEERING	ACADEMIC YEAR: 2016-2017
----------------------------------	--------------------------

1. The curriculum and syllabi match with the programme

Excellent	Very Good	Good	Fair	Poor
25%	75%	-	-	-

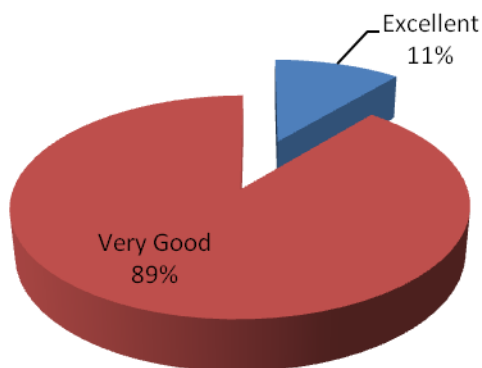
The curriculum and syllabi match with the programme



2. The courses are related to industry that are included in the programs

Excellent	Very Good	Good	Fair	Poor
11%	89%	-	-	-

The courses are related to industry that are included in the programs



3. The courses are related with the specialization streams



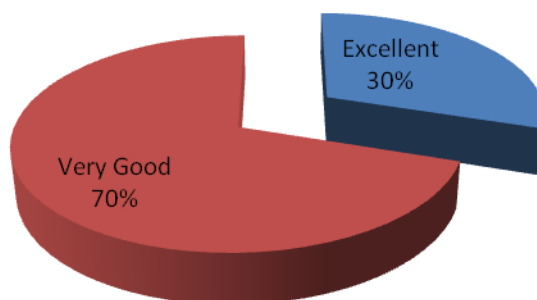
PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

Excellent	Very Good	Good	Fair	Poor
30%	70%	-	-	-

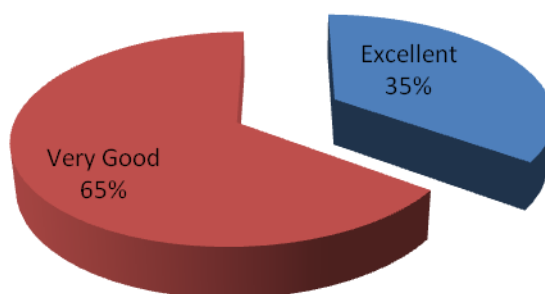
The courses are related with the specialization streams



4. The syllabus has good balance between theory and application

Excellent	Very Good	Good	Fair	Poor
35%	65%	-	-	-

The syllabus has good balance between theory and application



5. Incorporates technical and communication skills

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

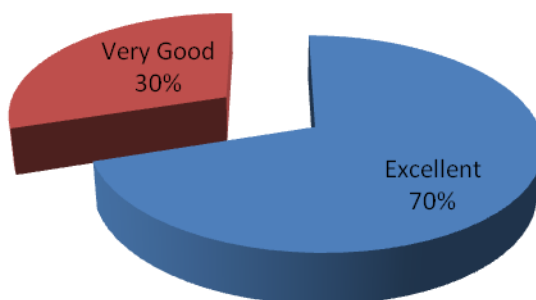


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

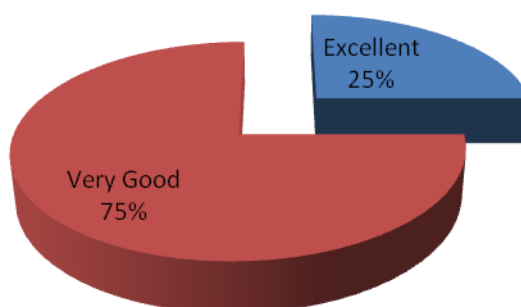
Incorporates technical and communication skills



6. Imparts knowledge and skills required for the job market

Excellent	Very Good	Good	Fair	Poor
25%	75%	-	-	-

Imparts knowledge and skills required for the job market



7. Curriculum develops innovative thinking

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

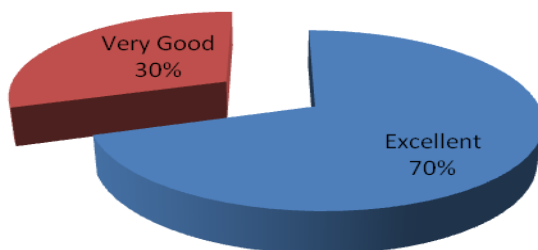


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

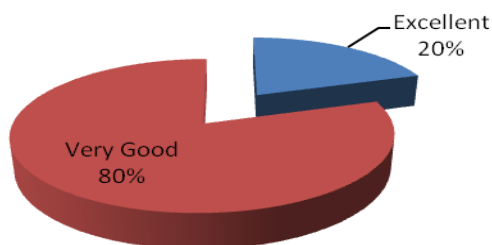
Curriculum develops innovative thinking



8. Is the curriculum relevant for employability /makes the student competent

Excellent	Very Good	Good	Fair	Poor
20%	80%	-	-	-

Is the curriculum relevant for employability /makes the student competent



P. D. K. Pruthi
HOD/Dept

HEAD OF THE DEPARTMENT
Management Studies
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL (Po) Namakkal -637018

P. D. K. Pruthi
PRINCIPAL

PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL Post, NAMAKKAL Dist



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ANALYSIS ON CURRICULUM & SYLLABUS – RESPONSE SHEET

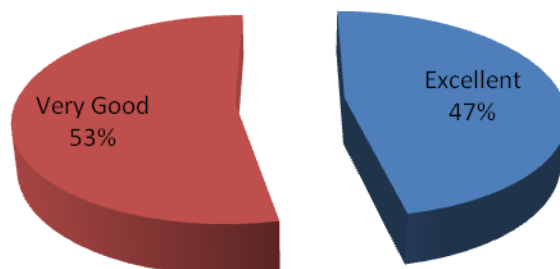
DEPARTMENT: CHEMICAL ENGINEERING

ACADEMIC YEAR: 2016-2017

1. Curriculum and Syllabi meets the present scenario

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

Curriculum and Syllabi meets the present scenario



2. The units in the syllabus are properly sequenced

Excellent	Very Good	Good	Fair	Poor
15%	85%	-	-	-

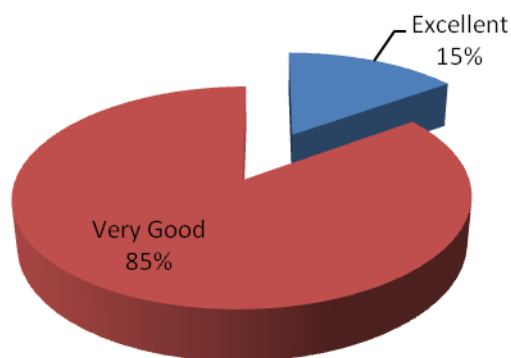


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

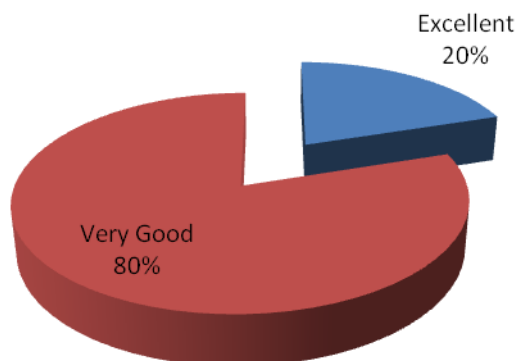
The units in the syllabus are properly sequenced



3. The allocation of the credits and its weightage to the course is balanced

Excellent	Very Good	Good	Fair	Poor
20%	80%	-	-	-

The allocation of the credits and its weightage to the course is balanced



4. The courses have enhanced the knowledge and the technical skills

Excellent	Very Good	Good	Fair	Poor
11%	89%	-	-	-

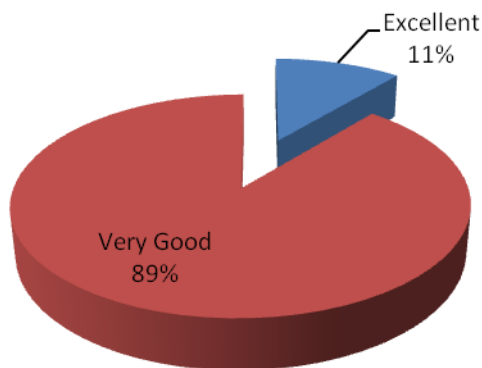


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

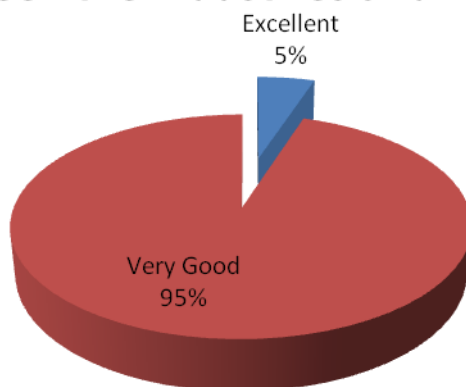
The courses have enhanced the knowledge and the technical skills



5. The curriculum bridges the gap between the industries and institute

Excellent	Very Good	Good	Fair	Poor
5%	95%	-	-	-

The curriculum bridges the gap between the industries and institute



6. The curriculum is offered with elective courses/ interdepartmental courses

Excellent	Very Good	Good	Fair	Poor
50%	50%	-	-	-

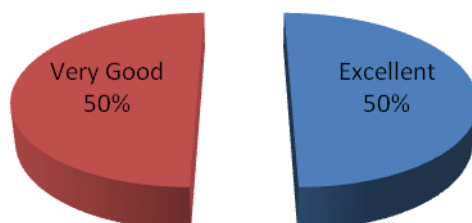


PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

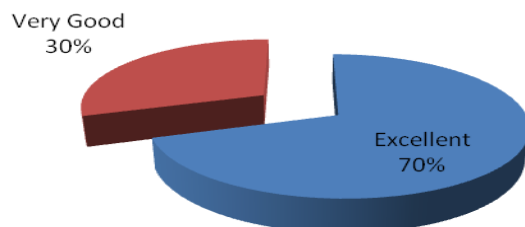
**The curriculum is offered with
elective courses/ interdepartmental
courses**



7. The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills

Excellent	Very Good	Good	Fair	Poor
70%	30%	-	-	-

**The curriculum is designed so as to
enhance the employability skills/
entrepreneurship skills**



8. Inclusion of latest developments in the courses

Excellent	Very Good	Good	Fair	Poor
50%	50%	-	-	-



PAAVAI ENGINEERING COLLEGE

(Autonomous)

NH 44, PACHAL, NAMAKKAL-637018

Inclusion of latest developments in the courses



P. R. Prathy
HOD/Dept

HEAD OF THE DEPARTMENT
Management Studies
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL (Po) Namakkal -637018

P. R. Prathy
PRINCIPAL

PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-44, PACHAL Post, NAMAKKAL Dist