

(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

DEPARTMENT OF MECHANICAL ENGINEERING ACTION TAKEN REPORT –STAKEHOLDERS FEED BACK ON CURRICULUM & SYLLABUS

Academic Year 2015-2016

Date: 23.6.2015

- 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.
- 4. After detailed deliberation and discussion, feedback 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 440	
·1.	Students		
2	Teachers	33	
3.	Alumni	60	
4.	Employer	10	

Name of the course	Recommended by	Recommendation	Action Taken
Students Feedback			45 6
Strength of Materials	Aravind.S	III semester consist of 4 problematic courses. Hence,SOM may be moved to IV semester	Recommendation considered and forwarded to the approval of DAC.
Principles of management	Jeeva.S	Instead of: "Principles of management" course any one core mechanical course can beconsidered.	Recommendation considered and forwarded to the approval of DAC.
	Arun.C	Any one of the soft skill courses like CATIA, SOLID WORKS may be given for additional value.	Planned to conduct value added course in upcoming academic year
Engineering Practice lab	Abishek Annamalai.T	Power tools can be added in Engineering practice lab.	Recommendation considered and approved by DAC

Elective subject	Meiyazagan.R	In 5th semester one elective	Recommendation
*./		course may be added	considered and forwarded
		instead of regular branch	to the approval of DAC.
		courses.	are approval of Bric.
Hydraulic and	Sasikumar.P	HPS subject may be	Recommendation
Pneumatic systems		consideredas a programme	considered and forwarded
		course in the 5 th semester.	to the approval of DAC.
Industrial Robotics	Venkatesh.S.A	Industrial robotics subject	Recommendation
		may be considered as a	considered and forwarded
		programme course in the 6 th semester	to the approval of DAC.
Engineering Graphics	R.Karthick	"A text book of	Recommendation
		Engineering Graphics" by Natarajan, K.V., can be	considered and approved by DAC.
*		added as a text book in	DAC.
		Engineering Graphics	
	-	subject.	
Alumni Feedback	Land L		M x
Metrology and	Allabakash.R	A topic on "laser assisted	Content included in R15
measurements	, ,	instruments" with may be	and forwarded to approval
		included in metrology	of DAC
Unconventional	Kumaran.R	Topic on "Surface	Content included in R15
machining processes	Teamaran.re	finishing process" may be	Contont moraded in 1015
S F		included in UCM course.	
	Suresh.R	C++, Java software courses	Forwarded for the approval
		may be included forbenefit	of DAC
	. 49	of students enter software	
Employer Feedback		industry.	
Safety in Engineering	Praveen Kumar	A course on industrial	Recommendation
industry		safety can be included in	considered and forwarded
	*	the curriculum.	to the approval of DAC.
Heat transfer	Deepankumar.A	Automation studio may be	Suggestion is consider and
laboratory		included in thermal based	the same has been included
		laboratory for more accurate results.	in next academic year
	P.Kavin	One international author	Recommendation
		book should be in text or	considered and approved by
	, ,	reference book section.	DAC

S.No	Name of the Member	Designation	Role	Signature
1	A.P.Sivasubramaniam	HOD	Chairman/BOS	and in
2	M.Makesh	ASP	Member	accom
3	P.Elumalai .	ASP	Member	&d=
4	P:Parandaman	ASP	Member	P. Pais
5	P.N.Mohankumar	AP	Member	D. Arthit

HEAD OF THE DEPARTMENT
SCA MOON THE DEPARTMENT
SCA MOON THE DEPARTMENT
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAE (P.O) Namikkai - 637 018

PRINCIPAL PLANTED FAL PAAVAI ENGINEERING COLLEGE NH.7. PACHAL Post, NAMARKAL Dist



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	Arow Pnd.s.	Reg.No	वावम्।।माद्य
Programme	B. F - Mechanical	Academic year	2015-2016.
Year of Study	TI- 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	T
2.	Appropriateness of the course content	3
3.	Adequacy of time for effective coverage of syllabus/ lab experiments	4
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	2
5.	Quality of textbook / reference book / course material	T
6.	The electives offered are relevant to the technological advancements	3
7.	Syllabus develop necessary technical skills to face the industry needs	P
8.	The provision of learning resources in the library are adequate	2

Any other su	ggestions:
	III semester consist of 4 problematic
Cours	ies. Hence SOM . may be moved to
IV :	Semestes.

Date: 19.6.2015

S. Arwindn.
Signature



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	Abishek Annamalai.T	Reg.No	622114114003
Programme	B.E - Mech	Academic year	2015 - 2016.
Year of Study	ij - Year	-	

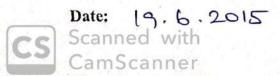
*Note: (Use 5 Point Scale): Excellent- 5; Very good-4; Good-3; Fair-2; Poor-1

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

Any other suggestions:

Power tools can be added in Engineering Practices Lab.

T. Abishek Annamaki Signature



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	TEEVA.S	Reg.No	622113114071
Programme	R.F. Mpch	Academic year	2015-2016
Year of	0.1		
Study	III - 4 pal		

*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	K
3.	Adequacy of time for effective coverage of syllabus/ lab experiments	3
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	LŁ.
5.	Quality of textbook / reference book / course material	4
6.	The electives offered are relevant to the technological advancements	5
7.	Syllabus develop necessary technical skills to face the industry needs	

Any other suggestions:

Instead of som course any one course mechanical course Can be considered.

Date: 19.6.2015

8. Jeeva, Signature



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

STUDENTS FEEDBACK ON CURRICULUM & SYLLABUS

Name of the student	ARUN.C	Reg.No	622112114016
Programme	R.E. MECHANICAL	Academic year	2015 - 2016
Year of Study	NV.		

*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	3
4.	Teachers informed about the expected competencies, course outcomes and programme outcomes	2
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	3
8.	The provision of learning resources in the library are adequate	2

Any other suggestions:

Any one of the Soft skill course like Catie, Solid works may be given for additional Value.

Date: 19.6.2015

CArw Signature



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	R. noiyayagan	Academic Year	2015 - 2016	
Designation	Asst Propersor	Department	rochanical	

*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	7
4.	The course has good balance between theory and lab experiments	2
5.	The syllabus covers modern and advanced topics	
6.	Adequacy of time for effective coverage of syllabus / lab experiments	7
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	4.

Any other suggestion	ns:		9 4)/•	
da 5°	th Semesto	e one el	lastina Co	were may b	se added
instead of	Segular	branch	Course.		9
4					

Date: 2016 cs

Signature



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	R. Karthick	Academic Year	2015.2016
Designation	roeasforg. tees	Department	Mechanical

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

Any other suggestions:

A text book of Engeneering graphics by Naturajan can be added as text book for EG Subject.

Date: 20/6/15





(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

TEACHER'S FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Faculty	P. Sasi Kumar	Academic Year	2015 - 2016	
Designation	Asst Propertor	Department	rechanital	

*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	3
4.	The course has good balance between theory and lab experiments	2
5.	The syllabus covers modern and advanced topics	1
6.	Adequacy of time for effective coverage of syllabus / lab experiments	2
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	4

Any other sugg	estions:				100	
HPS Course	Subject.	may be	Considered	as	9	Arogramone

Date: CAlblus

Signature

(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni: Allabaksh. R

Branch and Year of completion: Mechanical \$2016

Organization with address: Satthi Auto component put.

Designation: Production Engineer.

Email id: allabaksh 786@ gmail.com.

Mobile No: 6720145510

*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	2
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	4
6.	The curriculum is offered with elective courses/ interdepartmental courses	3
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	3
8.	Inclusion of latest developments in the courses	4

Any other suggestions:

A topic on "laser assited untrement" with may be uncluded in meteology course.

(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni: KUMARAN, R

Branch and Year of completion: MECHANICAL 2 2015-2016

Designation: ASS - Marages

Email id: Kunovan 1999 @ gmail.

Mobile No: 9876543210

*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	L
2.	The units in the syllabus are properly sequenced	3
3.	The allocation of the credits and its weightage to the course is balanced	<u></u>
4.	The courses have enhanced the knowledge and the technical skills	3
5.	The curriculum bridges the gap between the industries and institute	2
6.	The curriculum is offered with elective courses/ interdepartmental courses	3
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	4
8.	Inclusion of latest developments in the courses	3

Any other suggestions:

Topic on "Surface Anishing Process" may



(Autonomous) NH 44, PACHAL, NAMAKKAL-637018

ALUMNI FEEDBACK ON CURRICULUM & SYLLABUS

Name of the Alumni: SURESH, R

Branch and Year of completion: MECHAMICAL 2 2016

Organization with address: gonev Extension

Designation: Quality Assurace

Email id: sweethr1999@ gmail.com

Mobile No: 7777788888

*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	7
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	1.
5.	The curriculum bridges the gap between the industries and institute	4
6.	The curriculum is offered with elective courses/ interdepartmental courses)
7.	The curriculum is designed so as to enhance the employability skills/ entrepreneurship skills	5
8.	Inclusion of latest developments in the courses),

Any other suggestions:

for benefit of Students enter software industry.



(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: P. Rigercon Ruman.

Organization: Dot world berlinologuis.

Present Position: Serior. Dorigier.

*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	2
2.	The courses are related to industry that are included in the programs	1
3.	The courses are related with the specialization streams	8
4.	The syllabus has good balance between theory and application:	4
5.	Incorporates technical and communication skills	2
6.	Imparts knowledge and skills required for the job market	2
7.	Curriculum develops innovative thinking	
8.	Is the curriculum relevant for employability /makes the student competent	<u> </u>

Any	other s	suggestions:						
	d	Course e Cuonic	on	m.	Sofety	Can	be	Michedod

Date: 17.6.2015

(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: Charcarathi.s.

Organization: Croppel Auto beck pr. LiD.

Present Position: PDC operator.

*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	H
2.	The courses are related to industry that are included in the programs	2
3.	The courses are related with the specialization streams	1
4.	The syllabus has good balance between theory and application:	5
5.	Incorporates technical and communication skills	37
6.	Imparts knowledge and skills required for the job market	4
7.	Curriculum develops innovative thinking	5
8.	Is the curriculum relevant for employability /makes the student competent	1

Any other suggestions:

Appliere angineour Course may be rached of Pregeton Course.

Date: 16.6.2015

Signature

(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: A. Delpan Kumar

Organization: Inforgs Limited

Present Position: System Engineer + rainel

*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	41
2.	The courses are related to industry that are included in the programs	5
3.	The courses are related with the specialization streams	3
4.	The syllabus has good balance between theory and application:	3
5.	Incorporates technical and communication skills	2
6.	Imparts knowledge and skills required for the job market	1
7.	Curriculum develops innovative thinking	5
8.	Is the curriculum relevant for employability /makes the student competent	H

Any other sug			~						
1	utomas	from S	studio	may	be	mel	udod	eu	therma
beisel	Lab	for	mone	Acc	سر	ato	Pos	A	1000.11

Date: 17.6.45

A. Deepen Kun Signature

(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: P. Kowin

Organization: Folcon boolings

Present Position: CNC operator.

*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	2
4.	The syllabus has good balance between theory and application:	2
5.	Incorporates technical and communication skills	2
6.	Imparts knowledge and skills required for the job market	Y.
7.	Curriculum develops innovative thinking	2
8.	Is the curriculum relevant for employability /makes the student competent	2

Any other sugge	estions:				1 1 200	
	One	Internati	ona)	Author	book	should be
in text	07	reference	Seed	ion.		sucura be



P. Kawan



(Approved by AICTE, Accredited by NBA, New Delhi and Affiliated to Anna University)

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

Date: 24.07.2015

Minutes of the Board of Studies Meeting

Venue: Department of Mechanical Engineering

Date and Time: 24.07.2015, 10.00 am

Members present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature with Date
1.	Mr.A.P.Sivasubramaiam	HoD & Prof / MECH	Chairman	Paavai Engineering College	Mr. Sin
2.	Dr.M.Kantha Babu	Prof/ MFG	University Nominee	Anna University, Chennai	4. Kanto
3.	Dr.J.Jerald	AP/ PROD	Academic Expert	National Institute of Technology, Tiruchirappalli	PRSENT
4.	Dr.K.Srithar	AP/ MECH	Academic Expert	Thiagarajar College of Engineering, Madurai	(3 m (0)
5.	Mr.M.Siva	AP/ MECH	Alumni	St.Joseph College of Engineering, Chennai	M. Gonza
6.	Dr.K.K.Ramasamy	Principal			W 1
7.	Dr.M.Premkumar	Professor			Paris
8.	Mr.M.Makesh	ASP/ MECH	Member Paav	Paavai Engineering College	into the
9.	Mr.P.Elumalai	ASP/ MECH		2020	Sound flux
10.	Mr.P.Parandaman	ASP/ MECH			Parambaras.

Members Absent (Leave of absence expressed by the member concerned)

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Mr.AjayKumar Mishra	Deputy Manager	Industry Expert	JSW, Salem

Minutes of the Board of Studies Meeting

Venue: Department of Mechanical Engineering Date and Time: 24.07.2015, 10.00 a.m

- 1. Chairman / BoS welcomed all members to the 1st meeting of Board of Studies.
- 2. Chairman / BoS introduced the members to the Board of Studies.
- 3. Chairman / BoS briefed the members about agenda.
 - B.E. Mechanical Engineering submitted following details:
 - Curriculum and Syllabi of First and Second semester with effect from the Academic year 2015-2016 for the batches of students admitted in 2015–2016 Under Regulations 2015.
 - Comparison of Anna University and the Proposed Curriculum of Paavai Engineering College
 - M.E. Engineering Design Passing of the following details:
 - Curriculum and Syllabi of First and Second semester with effect from the Academic year 2015-2016 for the batches of students admitted to 2015–2016 Under Regulations 2015.
 - o Any other matter.
- 4. Chairman / BoS briefed the members about B.E.Mechanical Engineering curriculum structure and syllabi (1st and 2nd semesters) of Regulations 2015.
- 5. The following are the suggestions given by the members of Board of Studies:
- The members of the Board suggested to verify and update the recent edition of available Text books, Reference books and WEB URLs for all the subjects.
- In mathematics subject, application oriented topics related to Mechanical Engineering field may be included.
- The words pertaining to 'Course Objectives' should be appropriate. (To develop, To understand, To familiarize etc...)
- Uniform weightage should be given to all units in a subject.
- Course outcome and course objectives should be revamped.
- There must be one international author in the text book section or reference book section for all subjects.
- Natrajan K.V., "A text book of Engineering Graphics", Dhanalakshmi Publishers, Chennai, can be chosen as the Text book in Engineering Graphics subject.
- In Engineering Practices lab instead of 'Fitting' exercises, Power Tools can be added.
- In the 'Basic Civil and Mechanical Engineering' Subject, topics on solar power plant can be included as per the recent trends.

- 'Optimization Techniques in Design'- subject may be included as an elective subject in ME-Engineering Design Syllabus.
- Internal mark may be given directly as 40 marks instead of converting to 40 from 100
- Include practical attendance mark in the Scheme of Examinations.
- Delete the word Viva-voce from practical internal assessment mark.
- Internal Assessment Mark may be taken as best of 2 out of 3 Assessment Examinations
- In the Physics lab instead of 'Any five experiments,' include all the 6 experiments for the practice and for the Final Examinations.
- The members of the Board appreciated that the new scheme and they felt satisfied to observe the current industrial trends in the syllabus components.
- 6. Board Chairman thanked all the members for their active participation, suggestions and contribution made for recommending the B.E.Mechanical Engineering curriculum structure and syllabi (1st and 2nd semester Core) of Regulations 2015, and M.E.Engineering Design curriculum structure and syllabi (1st and 2nd semester) of Regulations 2015 to the Academic Council.

Mr.A.P.Sivasubramaniam

HoD/ MECH – BoS (Chairman)