

**TIME TABLE OF THE SHORT TERM COURSE
2016-17**

Date	Day	Name of faculty	Time
22/10/16	SATURDAY	KMR	9.30-10.30
22/10/16	SATURDAY	RC	10.30-12.30
22/10/16	SATURDAY	MP	1.30-3.30
24/10/16	MONDAY	TKS	3.30-4.30
28/10/16	FRIDAY	PAX	3.30-4.30
29/10/16	SATURDAY	MP	9.30-10.30
29/10/16	SATURDAY	RC	10.30-12.30
4/11/16	FRIDAY	KMR	3.30-4.30
5/11/16	SATURDAY	KMR	9.30-11.30
5/11/16	SATURDAY	PAX	11.30-1.00
11/11/16	FRIDAY	TKS	3.30-4.30
18/11/16	FRIDAY	YC	3.30-4.30
19/11/16	SATURDAY	TKS	9.30-10.30
19/11/16	SATURDAY	JMA	10.30-12.30
19/11/16	SATURDAY	RC	1.30-2.30
19/11/16	SATURDAY	MP	2.30-4.00
25/11/16	FRIDAY	JMA	3.30-4.30
2/12/16	FRIDAY	JMA	3.30-4.30
3/12/16	SATURDAY	TKS	9.30-10.30
3/12/16	SATURDAY	RC	10.30-12.30
16/12/16	FRIDAY	MP	3.30-4.30
23/12/16	FRIDAY	KMR	3.30-4.30
24/12/16	SATURDAY	YC	10.00-11.00
24/12/16	SATURDAY	JMA	11.00-12.00



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ATTENDANCE REPORT OF CERTIFICATE COURSE 2016-17



SL NO	ROLL NO.	NAME OF STUDENTS
1	140301	MUHAMMED FAZIL V.H
2	140302	FEBINA C.H
3	140303	FOUSIYA A.K
4	140304	JALEESA BINCY K
5	140305	JASEEMA V.P
6	140306	KADEEJATHULSAFANA K.P
7	140307	MUHSINA E.P
8	140308	NASRIN V.A
9	140309	RISANA SHERIN K
10	140310	SABLA K.T
11	140311	SAHLA YASMIN A
12	140312	SHAHANA SHERIN MANGALATH
13	140313	SHAHEEMA FEBIN C.K
14	140314	SUMAIRA P
15	140315	RAHUL P K
16	140316	VINIT VASUDEVAN M
17	140318	SREERENJINI K
18	140319	AFFREENA RASSI M
19	140320	AMRUTHA
20	140321	ANJANA A.T
21	140322	ATHIRA MATTUMMAL
22	140323	BANEESHA T.P
23	140324	FARHANA P
24	140325	FATHIMATH SAFNA M.C
25	140326	HASNA C.P
26	140327	NEETHUMOL V
27	140328	NISHITHA M.P
28	140329	SHANASAMAN T.K
29	140331	SREEPRIYA RAJAGOPALAN
30	140332	SUKANYA P.K
31	140333	SWATHI KRISHNA M
32	140334	FATHIMA FAIROOSA T
33	140335	MUHSINA C
34	140336	MANEESHA A
35		

SIGNATURE OF TEACHER



MES KVM COLLEGE, VALANCHERY

DEPARTMENT OF CHEMISTRY

Examination of certificate course March 2017

CC/CHE/03Rubber Processing & Technology

MAX.MARKS : 70

TIME : 3 Hrs

Answer all questions

(4X1=4)

1. What are plasticizers?
2. What is RSS?
3. Natural rubber latex is an emulsion of ----- in -----
4. What is ISNRCV ?

Answer all of the following.

(4X4=16)

5. What is mastication ?
6. Differentiate foam and sponge.
7. What are blowing agents?
8. Write a short note on spreading.

Answer all of the following.

(5X4=20)

9. Write notes on TSR?
10. Briefly explain two methods for the manufacture of foam rubber.
11. Write a short note on modified rubbers.
12. Give the methods used for preserving rubber latex.

Answer any 2 of the following.

(2X15=30)

13. Explain latex processing.
14. Explain Rubber compounding.
15. How you can end up with a cost effective solution for the manufacture of rubber products ?



DEPARTMENT OF CHEMISTRY
MARKLIST OF CERTIFICATE COURSE 2016-17

SI NO	Register No	Name	ASSGN(5)	TEST(70)	ORAL PT(5)	FIELD TRIP(20)	TOTAL(100)	GRADE
1	140301	MUHAMMED FAZIL V.H	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
2	140302	FEBINA. C.H	5	65	5	20	95	A
3	140303	FOUSIYA. A.K	5	64	5	20	94	A
4	140304	JALEESA BINCY. K	5	63	4.5	20	93	A
5	140305	JASEEMA. V.P	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
6	140306	KADEEJATHULSAFANA. K.P	5	50	4	19	78	A
7	140307	MUHSINA. E.P	5	65	4.5	20	95	A
8	140308	NASRIN. V.A	5	67	4.5	20	97	A
9	140309	RISANA SHERIN. K	5	68	4	20	97	A
10	140310	SABLA. K.T	5	68	4	20	97	A
11	140311	SAHLA YASMIN. A	5	67	4	20	96	A
12	140312	SHAHANA SHERIN MANGALATH	5	49	4	19	77	B
13	140313	SHAHEEMA FEBIN. C.K	5	67	4	20	96	A
14	140314	SUMAIRA. P	5	67	4.5	20	97	A
15	140315	RAHUL. P. K	5	64	4.5	20	94	A
16	140316	VINIT VASUDEVAN. M	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
17	140318	SREERENJINI. K	5	48	5	19	77	B
18	140319	AFEENA RASSI. M	5	64	5	20	94	A
19	140320	AMRUTHA	5	66	4	20	95	A
20	140321	ANJANA. A.T	5	69	5	20	99	A
21	140322	ATHIRA MATTUMMAL	5	59	4	20	88	A
22	140323	BANEESHA. T.P	5	62	4	20	91	A
23	140324	FARHANA. P	5	64	4	20	93	A
24	140325	FATHIMATH SAFNA. M.C	5	62	4	20	91	A
25	140326	HASNA. C.P	5	59	4	20	88	A
26	140327	NEETHUMOL. V	5	55	5	20	85	A
27	140328	NISHITHA. M.P	5	67	5	20	97	A
28	140329	SHANASAMAN. T. K	5	49	4	18	76	B
29	140331	SREEPRIYA RAJAGOPALAN	5	59	5	19	88	A
30	140332	SUKANYA. P. K	5	51	4	19	79	B
31	140333	SWATHI KRISHNA. M	5	63	5	20	93	A
32	140334	FATHIMA FAIROOSA. T	5	64	5	20	94	A
33	140335	MUHSINA. C	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
34	140336	MANEESHA. A	5	64	5	19	93	A



**TIME TABLE OF THE SHORT TERM COURSE
2017-18**

Date	Day	Name of faculty	Time
21/10/17	SATURDAY	KMR	9.30-10.30
21/10/17	SATURDAY	RC	10.30-12.30
21/10/17	SATURDAY	MP	1.30-2.30
21/10/17	SATURDAY	TKS	2.30-3.30
23/10/17	MONDAY	PAX	3.30-4.30
24/10/17	TUESDAY	MP	3.30-4.30
28/10/17	SATURDAY	RC	9.30-11.30
28/10/17	SATURDAY	KMR	11.30-12.30
28/10/17	SATURDAY	KMR	1.30-3.30
30/10/17	MONDAY	PAX	3.30-4.30
18/11/17	SATURDAY	TKS	9.30-11.30
18/11/17	SATURDAY	RC YC	11.30-12.30
25/11/17	SATURDAY	TKS	9.30-11.30
25/11/17	SATURDAY	JMA	11.30-12.30
25/11/17	SATURDAY	RC	1.30-3.30
02/12/17	SATURDAY	MP	9.30-10.30
02/12/17	SATURDAY	JMA	10.30-12.30
02/12/17	SATURDAY	JMA	1.30-3.30
16/12/17	SATURDAY	TKS	9.30-10.30
16/12/17	SATURDAY	RC	10.30-11.30
16/12/17	SATURDAY	MP	11.30-1.00
18/12/17	MONDAY	KMR	3.30-4.30



SL NO	ROLL NO.	NAME OF STUDENTS	21/10/17 (9.30-11.30)	21/10/17 (11.30-1.30)	21/10/17 (1.30-3.30)	21/10/17 (3.30-5.30)	24/10/17 (9.30-11.30)	24/10/17 (11.30-1.30)	28-10-17 (9.30-11.30)	28-10-17 (11.30-1.30)	28-10-17 (1.30-3.30)	30-10-17 (1.30-3.30)	30-10-17 (3.30-5.30)	18-11-17 (9.30-11.30)	18-11-17 (11.30-1.30)	25-11-17 (9.30-11.30)	25-11-17 (11.30-1.30)	25-11-17 (1.30-3.30)	16/12/17 (9.30-11.30)	16/12/17 (11.30-1.30)	16-12-17 (1.30-3.30)	16-12-17 (3.30-5.30)	18/12/17 (9.30-11.30)	18/12/17 (11.30-1.30)	18/12/17 (1.30-3.30)	18/12/17 (3.30-5.30)
1	150301	MOHAMED HASIM M																								
2	150302	MOHAMMED ASHIQ KP																								
3	150303	FAIRUZ MIZA KP																								
4	150304	FATHIMA AL MAJITHA P																								
5	150306	MUBASHIRA CK																								
6	150307	RAMEESA P																								
7	150308	RISVANA V																								
8	150309	SHABEERA P																								
9	150310	SHAHINA KALODY																								
10	150311	SHIFANA SHERIN																								
11	150312	DHILSHIDA TK																								
12	150313	FAIROOZA PARVIN V																								
13	150314	FAREEDUL FARISANA PP																								
14	150315	LUBNA A																								
15	150316	SAIFUNNISA KP																								
16	150317	SREEVIDYA P																								
17	150318	SUHAILA K																								
18	150320	MUHSIN N																								
19	150321	SOORYAMOL KP																								
20	150322	JAHFARALI P																								
21	150323	MUHAMMED ASLAM TK																								
22	150324	ANJALI SHEHRIN																								
23	150325	ASWANI TP																								
24	150326	FATHIMA SHIBLA P																								
25	150327	HARITHA T																								
26	150328	MUFEEDA JASMI PC																								
27	150332	SREELAKSHMI PP																								
28	150333	SUSMITHA KS																								
29	150334	GIREESH MOHAN VP																								
30	150335	LUBNA O																								
31	150336	THESNI MOL.T																								
32	150337	APARNA N SASIDHARAN																								
33	150338	VISHNU VP																								

Signature of Teacher

5. Ke. Jeyam C

10/12/2017

SIGNATURE OF TEACHER



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MES KVM COLLEGE, VALANCHERY

DEPARTMENT OF CHEMISTRY

Examination of certificate course March 2018

CC/CHE/03Rubber Processing & Technology

MAX MARKS : 70

TIME : 3 Hrs

Answer all questions

(4X1=4)

1. What are stabilizers?
2. Give the structure of natural rubber.
3. What is DPNR?
4. Why tyres are black in color?

Answer all of the following.

(4X4=16)

5. Explain the methods used for the concentration of rubber latex.
6. Write a short note on tapping.
7. What are the different types of preservatives added to rubber latex?
8. Explain the stability of rubber latex?

Answer all of the following.

(5X4=20)

9. Write notes on CV, SEV & EV.
10. Explain two methods used for the manufacture of TSR.
11. Explain the method used for the manufacture of gloves.
12. Write short notes on superior processing rubbers & thermoplastic elastomers.

Answer any 2 of the following.

(2X15=30)

13. What are the essential ingredients of a rubber compound? Illustrate with examples.
14. Briefly Explain the different forms of natural rubber?
15. Explain the methods used for the manufacture of different grades of ISNR?



DEPARTMENT OF CHEMISTRY
MARKLIST OF CERTIFICATE COURSE 2017-18

SI NO	Register No	Name	ASSGN(5)	TEST(70)	ORAL PT(5)	FIELD TRIP(20)	TOTAL(100)	GRADE
1	150301	MOHAMED HASIM M	5	66	5	20	96	A
2	150302	MOHAMMED ASHIQE KP	5	66	5	20	96	A
3	150303	FAIRUZ MIZA KP	5	63	4.5	20	93	A
4	150304	FATHIMA AL MAJITHA P	5	66	4.5	20	96	A
5	150306	MUBASHIRA CK	5	66	4.5	20	96	A
6	150307	RAMEESA P	5	67	4.5	20	97	A
7	150308	RISVANA V	5	65	4.5	20	94	A
8	150309	SHABEERA P	5	50	4	20	79	B
9	150310	SHAHINA KALODY	5	68	4	20	97	A
10	150311	SHIFANA SHERIN	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
11	150312	DHILSHIDA TK	5	51	4	18	78	B
12	150313	FAIROOZA PARVIN V	5	67	4	20	96	A
13	150314	FAREEDULFARSANA PP	5	65	4.5	20	95	A
14	150315	LUBNA A	5	49	4.5	20	79	B
15	150316	SAIFUNNISA KP	5	67	5	20	97	A
16	150317	SREEVIDYA P	5	50	4	19	78	B
17	150318	SUHAILA K	5	65	5	20	95	A
18	150320	MUHSIN N	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
19	150321	SOORYAMOL KP	5	51	4	19	79	B
20	150322	JAHFARALI P	5	66	4	20	95	A
21	150323	MUHAMMED ASLAM TK	5	67	4	20	96	A
22	150324	ANJALI SHEHRIN	5	48	4	20	77	B
23	150325	ASWANI TP	5	65	4	20	94	A
24	150326	FATHIMA SHIBLA P	5	65	4	20	94	A
25	150327	HARITHA T	5	66	5	20	96	A
26	150328	MUFEEDA JASMI PC	5	59	5	20	89	A
27	150332	SREELAKSHMI PP	5	62	5	20	92	A
28	150333	SUSMITHA KS	5	51	4	18	78	B
29	150334	GIREESH MOHAN VP	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
30	150335	LUBNA O	5	69	5	20	99	A
31	150336	THESNI MOL.T	5	69	5	20	99	A
32	150337	APARNA N SASIDHARAN	5	65	4	20	94	A
33	150338	VISHNU VP	5	46	3	19	73	B



TIME TABLE OF THE SHORT TERM COURSE

2018-19

Date	Day	Name of faculty	Time
1-10-2018	Monday	KMR	3.30-4.30
24-10-2018	Wednesday	RC	3.30-4.30
26-10-2018	Friday	KMR	3.30-4.30
12-11-2018	Monday	PAX	3.30-4.30
28-11-2018	Wednesday	TKS	3.30-4.30
07-12-2018	Friday	MP	3.30-4.30
15-12-2018	Saturday	RC	9.30-11.00
"	"	MP	11.15-12.45
"	"	KMR	1.30-3.30
07-01-2019	Monday	PAX	3.30-4.30
23-01-2019	Wednesday	TKS	3.30-4.30
01-02-2019	Friday	Sandra	3.30-4.30
02-02-2019	Saturday	TKS	9.30-11.00
"	"	JMA	11.15-12.45
"	"	RC	1.30-3.30
04-02-2019	Monday	MP	3.30-4.30
06-02-2019	Wednesday	JMA	3.30-4.30
09-02-2019	Saturday	TKS	9.30-10.30
"	"	JMA	10.30-11.30
"	"	KMR	11.45-12.45
"	"	MP	1.30-2.30
"	"	RC	2.30-3.30



SIN	ROLL NO.	NAME OF THE STUDENTS
1	160301	SAMIL AMEEN N
2	160302	AMINA MUSLIHA PP
3	160303	ASIFA M
4	160304	FATHIMA JUSAILA T
5	160305	FATHIMATHUL IRFANA PK
6	160307	JASMIN PV
7	160308	KC JAMSHEERA
8	160309	LAZIMA FILDA MP
9	160310	MUFEEDA K
10	160311	NOORA M
11	160312	RAHNA M
12	160313	SHAENA NASREEN V
13	160314	SHAMEEMA K
14	160316	RANJITH MP
15	160317	ASWATHI CP
16	160318	FATHIMA P T
17	160319	GAYATHRI K
18	160320	PALLAVI K P
19	160322	MOHAMMED RAHEELS MUTHANIKAT
20	160323	MURUDHUH KUMAR VP
21	160324	SAINUL HABID K
22	160325	SHAFEEQ KUTHIRAPPARAMBIL
23	160326	VISHNU PK
24	160327	ASHIQ SAMSUDEEN KONNAKATTIL
25	160328	FATHIMA RAMSHIE E
26	160329	GEETHU P
27	160330	HARITHA MV
28	160331	JAHANA SHIRIN P
29	160332	MUFEEDA VP
30	160334	NIMISHA KP
31	160335	SALEENA V
32	160336	VIDYA EP

SIGNATURE OF TEACHER

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12/25/11

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$$\frac{1}{2} \times 100 = 50$$

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A light micrograph of a plant cell. A large, clear central vacuole occupies most of the cell's interior. A small, dark, star-shaped nucleus is visible near the center of the cell. The cell is surrounded by other similar cells, forming a tissue.

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MES KVM COLLEGE, VALANCHERY

DEPARTMENT OF CHEMISTRY

Examination of certificate course March 2019

CC/CHE/03Rubber Processing & Technology

MAX.MARKS : 70

TIME : 3 Hrs

Answer all questions

(4X1=4)

1. _____ is a blowing agent.
2. What is rubber latex?
3. What is Skim Rubber?
4. Name any two vulcanizing agents.

Answer all of the following.

(4X4=16)

5. Write a short note on vulcanization.
6. What are the major threats faced by Western ghats?
7. Briefly explain the reclamation of rubber.
8. What are biopolymers.

Answer all of the following.

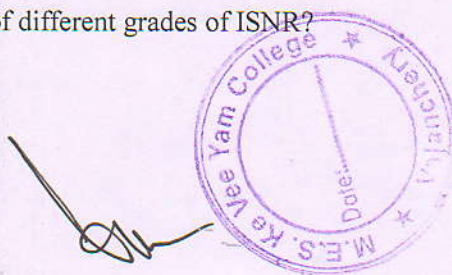
(5X4=20)

9. Give the classification of elastomers with examples.
10. Write a short note on fillers.
11. Explain briefly the thalay & Dunlope process used for the manufacture of foam rubber.
12. Briefly explain the uses of natural rubber.

Answer any 2 of the following.

(2X15=30)

1. Explain latex processing.
2. Write a note on special purpose rubbers.
3. Explain the methods used for the manufacture of different grades of ISNR?



DEPARTMENT OF CHEMISTRY

MARK LIST OF CERTIFICATE COURSE 2018-19

SI NO	Register No	Name	ASSGN(5)	TEST(70)	ORAL PT(5)	FIELD TRIP(20)	TOTAL(100)	GRADE
1	160301	SAMIL AMEEN N	5	63	4	20	92	A
2	160302	AMINA MUSLIHA PP	5	67	5	20	97	A
3	160303	ASIFA M	5	68	5	20	98	A
4	160304	FATHIMA JUSAILA T	5	64	4.5	20	94	A
5	160305	FATHIMATHUL IRFANA PK	5	51	4	19	79	B
6	160307	JASMIN PV	5	66	4.5	20	96	A
7	160308	KC JAMSHEERA	5	67	4.5	20	97	A
8	160309	LAZIMA FILDA MP	5	67	4.5	20	97	A
9	160310	MUFEEDA K	5	68	4	20	97	A
10	160311	NOORA M	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
11	160312	RAHNA M	5	67	4	20	96	A
12	160313	SHAENA NASREEN V	5	67	4	20	96	A
13	160314	SHAMEEMA K	5	67	4	20	96	A
14	160316	RANJITH MP	5	49	4	20	78	B
15	160317	ASWATHI CP	5	63	4.5	20	93	A
16	160318	FATHIMA P T	5	67	5	20	97	A
17	160319	GAYATHRI K	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
18	160320	PALLAVI K P	5	65	5	20	95	A
19	160322	MOHAMMED RAHEES	5	66	4	20	95	A
20	160323	MRUDHUL KUMAR VP	5	49	4	20	78	B
21	160324	SAINUL HABID K	5	46	4	20	75	B
22	160325	SHAFEEQ KUTHIRAPPARAMBIL	5	47	4	20	76	B
23	160326	VISHNU PK	5	45	4	20	74	B
24	160327	ASHIQA SAMSUDDEEN	5	65	4	20	94	A
25	160328	FATHIMA RAMSHI E	5	69	4	20	98	A
26	160329	GEETHU P	5	52	4	18	79	B
27	160330	HARITHA MV	5	63	5	20	93	A
28	160331	JAHAANA SHIRIN P	5	65	5	20	95	A
29	160332	MUFEEDA VP	5	68	5	20	98	A
30	160334	NIMISHA KP	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	NIL
31	160335	SALEENA V	5	64	5	20	94	A
32	160336	VIDYA EP	5	63	5	20	93	A



MES KEVEEYAM COLLEGE VALANCHERY



Malappuram-Kerala
(NAAC Accredited with 'A' Grade)
Phone: 0494 -2642670, www.meskvcollege.org,
Email: principal@meskvcollege.org

No CC/CH/03/01 *Certificate*

This is to certify that the following candidate has successfully completed
the certificate course *Rubber Processing and Technology*
conducted by Department of *Polymer Chemistry*
during the academic year *2016-2017*

Name *Febina C.H*
Programme and Semester *B.Sc. Polymer Chemistry, 5th Semester*
College Enrolment No *140808*
Grade Awarded *A*



Place : Valanchery

Date : 30-03-2017

For
Principal