

UNIVERSITY OF KERALA

(Abstract)

Scheme and Syllabus of First Degree Programme in Physics (complementary 1-
Mathematics,complementary 2- Machine Learning) under CBCS System, introduced w.e.f 2020
admissions-Modified Scheme-Approved-Orders Issued.

Ac A V

3660/2021/UOK

Dated: 25.07.2021

Read:-1.U.O.No.Ac.AV.1/New.Gen&DM/2020 dated 13.11.2020

*2.Item.no.25 of the Minutes of the meeting of the Standing Committee of the
Academic Council held on 30.06.2021.*

ORDER

The Scheme and Syllabus of First Degree Programme in Physics (Complementary 1 -
Mathematics, Complementary-2 Machine Learning) under CBCS System, has been introduced vide
paper read as (1) above.

The Chairman, Board of Studies in Physics (Pass) has forwarded the modified Scheme of the
said programme introduced w.e.f 2020 admissions after effecting necessary corrections. The Dean,
Faculty of Science endorsed the recommendation of the Chairman, Board of Studies in Physics
(Pass).

The Standing Committee of the Academic Council vide paper read as (2) above,
recommended to approve the corrections in the scheme of First Degree Programme in Physics
(Complementary-1 Mathematics, Complementary-2 Machine Learning) under CBCS System, w.e.f
2020 admissions.

The Vice-Chancellor, subject to reporting to the Academic Council , approved the
corrections in the Scheme of First Degree Programme in Physics (Complementary-1 Mathematics,
Complementary-2 Machine Learning) under CBCS System, w.e.f 2020 admissions, as
recommended by the Chairman, Board of Studies in Physics (Pass) and as endorsed by the Dean,
Faculty of Science.

The copy of the modified scheme of the said programme is appended.
Orders are issued accordingly.

SINDHU GEORGE

DEPUTY REGISTRAR
For REGISTRAR

To

- 1.PS to VC/PVC
- 2.PA to Registrar/CE
- 3.The Dean, Faculty of Science
- 4.The Chairman, Board of Studies in Physics (Pass)
- 5.The Principals of all affiliated colleges offering FDP in Physics
- 6.JR (CBCS/Academic)
- 7.DR(CBCS/EB)
- 8.AR(CBCS/EB/B.Sc/IT cell Exams)
- 9.B.Sc/EB sections/IT cell Exams
- 10.PRO/Enquiry.
- 11.Stock File

Forwarded / By Order

Sd/-

Section Officer

I. General Structure for the First-Degree Programme in Physics with Mathematics and Machine Learning as

Complementary Courses.

Sem No.	Course Title	Instructional hours/week		Credit	University Exam Duration (hours)	Evaluation		Total credits
		L	P			internal	Univ. Exam	
I	EN1111 English Lang I	5	-	4	3	20%	80%	16
	1111 Additional Lang I	4	-	3	3			
	EN1121 Found. Course I	4	-	2	3			
	PY1141 Core Course I	2	2	2	3			
	MM1131.1 Compl. Course I	4	-	3	3			
	MI1131.1 Compl. Course II	2	2	2	3			
II	EN1211 English Lang. II	5	-	4	3	20%	80%	17
	EN1212 English Lang. III	4	-	3	3			
	1211 Additional Lang. II	4	-	3	3			
	PY1241 Core Course II	2	2	2	3			
	MM1231.1 Comp. Course III	4	-	3	3			
	MI1231.1 Compl. Course IV	2	2	2	3			
III	EN1311 Eng Lang. IV	5	-	4	3	20%	80%	18
	1311 Addl Lang. III	5	-	4	3			
	PY1341 Core Course II	3	2	3	3			
	MM1331.1 Compl. Course V	5	-	4	3			
	MI1331.1 Compl. Course VI	3	2	3	3			
IV	EN1411 Eng Lang. V	5	-	4	3	20%	80%	25
	1411 Addl Lang. IV	5	-	4	3			
	PY1441 Core Course III	3		3	3			
	PY 1442 Core (Pract I) IV		2	3	3			
	MM1431.1 Compl. Course VII	5	-	4	3			

	MI1431.1 Compl. Course VIII	3		3	3			
	MI1432.1 Compl. (Practical) IX		2	4	3			
V	PY1541 Core Course V	4	-	4	3	20%	80%	18
	PY1542 Core Course VI	4	-	4	3			
	PY1543 Core Course VII	4	-	4	3			
	PY1544 Core Course VIII	4	-	4	3			
	Core (Practical II)		4	-	-			
	Open Course (PY1551.1/PY1551.2/PY1551.3/ PY1551.4/ PY1551.5)	3		2				
	Project	-	2	-	-			
VI	PY1641 Core Course IX	4	-	4	3	20%	80%	26
	PY1642 Core Course X	4	-	4	3			
	PY1643 Core Course XI	4	-	4	3			
	PY1644 Core Course XII	4	-	3	3			
	PY1645 Core (Pract II) XIII	-	2	2	3			
	PY1646 Core (Pract III) XIV	-	2	3				
	Elective Course (PY1661.1/PY1661.2/PY1661.3/PY1661.4/ PY1661.5)	3	-	2	3			
	PY1647 Project and Research Institute/Science Museum visit	-	2	4	-			

University of Kerala

(Abstract)

Scheme and Syllabus for First Degree Programme in Physics under CBCS system- with effect from 2018 admissions -Approved-Orders issued.

ACADEMIC 'AV' SECTION

No.Ac.AV/1/Physics/2018

Thiruvananthapuram, Dated:14-06-2018

Read:- 1. UO No Ac.AV/1/Physics/2014 dated 02-12-2014.

2. Item No IV.A.I of the minutes of the Annual Meeting of the Faculty of Science and held on 23-03-2018.

3. Item No.(II).5(v) of minutes of the meeting of the Academic Council held on 06-04-2018.

ORDER

The revised Scheme and Syllabus of First Degree Programme in Physics under CBCS system had been issued vide paper read as (1) above.

The Annual meeting of the Board of Studies in Physics (Pass) held on 21/12/2017 has recommended the revised Scheme and Syllabus of First Degree Programme in Physics under CBCS system, with effect from 2018 admissions.

The Academic Council vide paper read as (3) above resolved to approve the Scheme and Syllabus of First Degree Programme in Physics (Core, Complementary, Open & Elective Courses) under CBCS system, to be implemented with effect from 2018 admissions as recommended by the Board of Studies in Physics (Pass) and as endorsed by the Faculty of Science.

The Scheme and Syllabus is available in the University website.

Orders are issued accordingly.

Sd/-

SOBHANA KUMARI.K

Deputy Registrar(Acad-II)

For Registrar

Copy to:-

1. The Principals of colleges offering First Degree Programmes
2. The Dean, Faculty of Science.
3. The Chairman, Board of Studies in Physics (Pass)
4. The Controller of Examinations
5. The Director, Computer Centre/ IT cell
6. JR (CBCS)
7. DR(CBCS)
8. AR(CBCS)/AR(EB)
9. B.Sc sections/ EB sections
10. PRO/Enquiry
11. Stock File/File Copy.

Forwarded/By Order

Section Officer

University of Kerala

(Abstract)

Scheme and Syllabus for First Degree Programme in Physics under CBCS system- Modified Syllabus for Complementary Courses in Electronics for II & IV Semesters, w.e.f 2018 admissions-Approved-Orders issued.

ACADEMIC 'AV' SECTION

No. Ac AV/1/Physics/2018

Thiruvananthapuram, Dated:- 31-10-2018

Read:- 1.U.O No. Ac AV/1/Physics/2018 dated 14.06.2018

2.Letter from Chairman,Board of Studies in Physics(Pass) dated 13.08.2018

3..Endorsement of the Dean,Faculty of Science dated 09.09.2018

ORDER

The Academic Council held on 06.04.2018 approved the Scheme and Syllabus of First Degree Programme in Physics (Core, Complementary, Open & Elective Courses) under CBCS system, to be implemented with effect from 2018 admissions as recommended by the Board of Studies in Physics (Pass) and as endorsed by the Faculty of Science. UO read as (1) above had been issued in this regard.

The Chairman,Board of Studies in Physics (pass) has now pointed out certain minute changes to be effected in the syllabus of Complementary Courses in Electronics EL 1231 of II Semester and EL 1431 of Fourth Semester for First Degree Programme in Physics under CBCS system,implemented w.e.f 2018 admissions. The Dean,Faculty of Science has endorsed the recommendations.

The Vice Chancellor, subject to reporting to the Academic Council has approved the modified Syllabus of Complementary Courses in Electronics EL 1231 and EL 1431 for First Degree Programme in Physics under CBCS system w.e.f 2018 admissions as recommended by the Chairman, Board of Studies in Physics (Pass) and endorsed by the Dean, Faculty of Science. The modified Syllabus is available in the University website.

Orders are issued accordingly.

Sd/-

SOBHANA KUMARI.K
Deputy Registrar(Acad-II)
For Registrar

Copy to:-

1. The Principals of colleges offering First Degree Programme in Physics
2. The Dean, Faculty of Science.
3. The Chairman, Board of Studies in Physics (Pass)
4. The Controller of Examinations
5. The Director, Computer Centre/ IT cell
6. JR (CBCS)
7. DR(CBCS)
8. AR(CBCS)/AR(EB)
9. B.Sc sections/ EB sections
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Forwarded/By Order

Section Officer

UNIVERSITY OF KERALA

(Abstract)

First Degree Programmes under CBCS system – Regulations-Modified – Approved – Orders issued.

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ACADEMIC ‘A V’ SECTION

No. Ac. A V/1/UG.Sem/2010

Dated, Thiruvananthapuram, 28.09.2013

- =====
- Read:-
1. U.O. No. Acad.(CBCS)/1/UG Regu/2011 dated 08.07.2011.
 2. Minutes of the meetings of the sub-committee of the Syndicate to study the report of Prof. S. Hridaya Kumari Committee on CBCS system held on 31.08.2013, 03.09.2013, 04.09.2013 and 05.09.2013.
 3. Item No. 23.132, Minutes of the meeting of the Syndicate held on 12.09.2013.

ORDER

The Syndicate vide paper read as (3) above has approved the modified Regulations relating to the First Degree Programmes under CBCS system to be followed in the affiliated colleges and Centres of the University from 2013 admissions, as recommended vide paper read as (2) above, by the sub-committee of the Syndicate to study the report of Prof. S. Hridaya Kumari Committee on CBCS system.

The Vice-Chancellor, subject to reporting to the Academic Council, has approved the modified Regulations relating to First Degree Programmes under CBCS system to be followed by the Affiliated Colleges and Centres of the University from 2013 admissions as recommended by the sub-committee of the Syndicate to study the report of Prof. S. Hridaya Kumari Committee and as approved by the Syndicate. A copy of the Regulations is appended.

Orders are issued accordingly.

Sd/-
REGISTRAR

To

1. The Principals of all affiliated Colleges and Centres of the University
2. All Syndicate Members and members of ULMC
3. The Deans of Faculties, concerned
4. The Chairmen of Boards of Studies , concerned
5. The PS to VC / PVC
6. The PA to Registrar / CE / FO / DCDC
7. The Controller of Examinations
8. The Director, Computer Centre
9. The Director, CDC
10. JR (Exams / CBCS)
11. DR (Exams)
12. AR (Exams (CBCS) / ES / EB)
13. EB / ES / EB (CBCS) sections
14. All tabulation section
15. Ac. A I/Ac. A II / Ac. A III / Ac. A IV / Ac. C/Ac. L/ Ac. D/ Ac. E III/ Ad. Misc/Ac. B/ Ac. B1/Ac. H sections
16. All KUTIC / DOIC
17. PRO/RO/Enquiry
18. Stock file / File Copy

Forwarded/By Order,

SECTION OFFICER