



UNIVERSITY OF CALCUTTA

GURUPADA SAREN

Secretary,

Councils for Undergraduate Studies,
University of Calcutta.

Ref. No. CUS/ 226 (Cir.)/25

SENATE HOUSE

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Date: 12.08.2025

To

**The Principals/T.I.C. of the
U.G. Colleges offering Physics
affiliated to the University of Calcutta.**

**Sub: Two-day's Workshop on U.G. Course, Physics, under CCF, 2022
on 26th & 27th August, 2025 (Tuesday & Wednesday).**

Sir/Madam,

The undersigned is pleased to inform you that the U.G. Board of Studies in Physics is going to organize a **Two-day's workshop on Physics Syllabi for 4-year Honours & Honours with research for the 7th and 8th semester under CCF, 2022 under the guideline prescribed by the CSR/52/2025, effective from the session 2023-2024**, in collaboration with U.G.B.O.S. & P.G.B.O.S. in Physics, C.U.

The workshop is scheduled to be held on **26th & 27th August, 2025 (Tuesday & Wednesday)** from **10.30 a.m.** at **Bhagabati Devi Auditorium , Vidyasagar College for Women, 39A, Sankar Ghosh Lane, Kolkata - 700 006.**

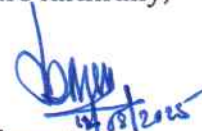
You are requested kindly to allow one (01) subject teacher of your college to attend the workshop.

In this connection, the participant may contact to:

1. **Dr. Suman Bandyopadhyaya,**
Mobile No. 9830611810, mail id.: sumanb159@gmail.com
3. **Dr. Uday Bhanu Pramanik,**
Mobile No. 8777489991, mail id.: uday.pramanik@gmail.com

Thanking you,

Yours faithfully,


Secretary



UNIVERSITY OF CALCUTTA

Notification No. CSR/52/2025

It is hereby notified for information of all concerned that the Syndicate at its meeting held on 22.07.2025 (Item No. 05 & 06) approved the following amendments pertaining to the Admission Regulations (CSR/05/2023, dt. 23.06.2023) for Four-year B.A./ B.Sc. Honours & Honours with Research courses of studies under CCF, 2022, under this University:

- 1) Amendments in the Course Structure (clause no. 9) for semester-5,6,7 & 8: Detail Course Structure is laid down in the accompanying pamphlets.
- 2) Students shall study two papers from a single Minor subject (both either from m1 or from m2) in semester-V and shall study two papers from another Minor subject (both either from m1 or from m2) in semester-VI and shall appear in the semester-5 & 6 examinations accordingly.

Note: The Minor subject to be studied in semester-6 shall be different from the Minor subject studied in semester-5.

- 3) Guidelines including examination modalities for the papers of semester-7 & 8 are laid down in the accompanying pamphlets.

The above shall take effect for the Four-year B.A./ B.Sc. Honours & Honours with Research courses of studies under CCF, 2022, which was introduced from the academic session 2023-2024.

SENATE HOUSE
KOLKATA-700073
The 31st July, 2025

Prof. (Dr.) Debasis Das
Registrar

Amendments in Course structure, as mentioned in Admission Regulations for 4-Year B.A./ B.Sc.--Honours & Honours with Research (clause no. 9 of CSR/05/2023, dt. 23.07.2023)

Revised Course Structure for 4-Year Honours & Honours with Research (semester-1 to 6)-CCF, 2022

	DSCC/ Core (Major)	Minor (m1 & m2)	IDC	AEC	SEC	CVAC	Summer Internship	Total Credit
Semester	15x4= 60	8x4= 32	3x3= 9	4x2= 8	3x4= 12	4x2= 8	1x3= 3	172
1	1x4= 4 3TH+1P/TU	1x4= 4 (m1) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4	2x2= 4		21
2	1x4= 4 3TH+1P/TU	1x4= 4 (m1) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4	2x2= 4		21
3	2x4= 8 2x(3TH+1P/TU)	1x4= 4 (m2) 3TH+1P/TU	1x3= 3 2TH +1P/TU	1x2= 2 2TH +0P/TU	1x4= 4			21
4	4x4= 16 4x(3TH+1P/TU)	1x4= 4 (m2) 3TH+1P/TU		1x2= 2 2TH +0P/TU				22
5	4x4= 16 4x(3TH+1P/TU)	m1/m2 2x4= 8 2x(3TH+1P/TU)						24
6	3x4= 12 3x(3TH+1P/TU)	m1/ m2 2x4= 8 2x(3TH+1P/TU)						23
Credits	15x4= 60	8x4= 32	3x3= 9	4x2= 8	3x4= 12	4x2= 8	1x3=3	132
Marks	15x100=1500	8x100=800	3x75=225	4x50=200	3x100=300	4x50=200	1x75=75	Total Marks =3300

Marks= 25 marks per credit.

Summer Internship has to be undertaken in semester-2/4/6.

Minor Courses will come from two subjects of same broad discipline as Major (m1 & m2)

Students shall study two papers from a single Minor subject (both either from m1 or from m2) in semester-V and shall study two papers from another Minor subject (both either from m1 or from m2) in semester-VI

The Minor subject to be studied in semester-6 shall be different from the Minor subject studied in semester-5.

Revised Course Structure (semester-7 & 8) under CCF, 2022

4-YEAR B.A./ B.Sc. HONOURS COURSES OF STUDIES

SEMESTER-7

SEMESTER	DSCC/ CORE from Major subject 4 CREDITS (3 TH+1 P/ TU) each	Total credits
* 7	5 papers x 4 credits = 20 credits	20

SEMESTER-8

SEMESTER	1st paper & 2nd paper From Major subject (4 Credits each) 2 papers x 4 credits = 8 credits	3rd paper & 4th paper From Major subject (4 Credits each) 2 papers x 4 credits = 8 credits	5th paper From Major subject (4 Credits) 1 paper x 4 credits = 4 credits	Total credits
# 8	2 papers of Research Methodology (RM-1 & RM-2) (3 TH+1 viva) Or 2 Core papers (3 TH+1 P/ TU)	2 Core papers (3 TH+1 P/ TU)	1 paper of Project/ Review (3 TH+1 viva) Or 1 Core paper (3 TH+1 P/ TU)	20

Revised Course Structure (semester-7 & 8) under CCF, 2022

4-YEAR B.A./ B.Sc. HONOURS WITH RESEARCH COURSES OF STUDIES

SEMESTER-7

SEMESTER	DSCC/ CORE from Major subject 4 CREDITS (3 TH+1 P/ TU) each	Total credits
*7	5 papers x 4 credits = 20 credits	20

SEMESTER-8

SEMESTER	1 st paper & 2 nd paper From Major subject (4 Credits each) 2 papers x 4 credits = 8 credits	3 rd paper From Major subject (4 Credits) 1 paper x 4 credits = 4 credits	4 th paper From Major subject (8 Credits) 1 paper x 8 credits = 8 credits	Total credits
#8	2 papers of Research Methodology (RM-1 & RM-2) (3 TH+1 viva)	Research Internship (3 TH+1 viva)	Dissertation / Project (6 TH+2 viva)	20

Note:-

*** In semester-7:**

The 5 DSCC/ Core papers to be studied in the 7th semester of the Honours Programme shall be identical with core papers to be studied by the students pursuing Honours with Research programme.

In semester-8:

The 2 papers of Research Methodology (RM-1 & RM-2) to be studied in the 8th semester of the Honours with Research Programme, shall be identical with 2 papers of Research Methodology (RM-1 & RM-2) to be studied by the students pursuing Honours programme.

Total credits & Marks (semester-1 to 8) for 4-YEAR B.A./ B.Sc. Honours Courses of Studies

	DSCC/ Core/ Research Methodology / Project / Review (Major)	Minor (m1 & m2)	IDC	AEC	SEC	CVAC	Summer Internship	Total Credits
Credits	25x4= 100	8x4= 32	3x3= 9	4x2= 8	3x4= 12	4x2= 8	1x3=3	172
Marks	25x100=2500	8x100=800	3x75=225	4x50=200	3x100=300	4x50=200	1x75=75	Total Marks =4300

Total credits & Marks (semester-1 to 8) for 4-YEAR B.A./ B.Sc. Honours with Research Courses of Studies

	DSCC/ Core/ Research Methodology (Major)	Minor (m1 & m2)	IDC	AEC	SEC	CVAC	Summer Internship	Research Internship (Major)	Dissertation/ Project (Major)	Total Credits
Credits	22x4= 88	8x4= 32	3x3= 9	4x2= 8	3x4= 12	4x2= 8	1x3=3	1x4=4	1x8=8	172
Marks	22x100=2200	8x100=800	3x75=225	4x50=200	3x100=300	4x50=200	1x75=75	1x100=100	1x200=200	Total Marks =4300

**Guidelines including Examination Modalities
for the papers, taught at semester-7 & 8**

Semester-7: 5 papers-- (20 credits): from the Major subject

The students pursuing **Honours** or **Honours with Research** Courses of Studies at U.G. Level, shall study:-

5 core papers (4 credits each: 3Th+1P/TU: 5 x 4 credits= 20 credits)

Semester-8: (20 credits)

❖ **The students pursuing Honours Courses of Studies at U.G. Level, shall study 5 papers from the Major subject:**

a) **1st and 2nd papers:** (4 credits each: 3Th+1 viva): 2 papers of Research Methodology (RM-1 & RM-2) -- (2x4 credits= 8 credits)

OR

2 Core papers: (4 credits each: 3Th+1P/TU) --- (2x4 credits= 8 credits) in lieu of 2 Research Methodology papers.

b) **3rd & 4th papers:** 2 core papers (4 credits each: 3Th+1P/TU): (2x4 credits: 8 credits)

c) **5th paper: 1 Project/ Review** (4 Credits: 3Th+1 viva): 1x4 credits: 4 credits.

OR

1 Core paper: 4 credits: (3Th+1P/TU): 1x4 credits: 4 credits in lieu of Project/ Review

Note:-

For sl. No. (a) : Respective **U.G.B.O.S. shall decide** whether 2 papers of Research Methodology or 2 core papers of Major subject shall be included.

For sl. No. (c) : Respective **U.G.B.O.S. shall decide** whether 1 paper of Project/Review or 1 core of Major subject shall be included.

Semester-8: (20 credits)

❖ **The students pursuing Honours with Research Courses of Studies at U.G. Level, shall study 4 papers from the Major subject:**

- **1st & 2nd paper: 2 papers of Research Methodology - (RM-1 & RM-2):**
(4 credits each)—2 x 4 credits=8 credits
- **3rd paper: 1 paper on Research Internship:** 1 x 4 credits= 4 credits
- **4th paper: 1 paper on Research oriented Dissertation/ Project:**
1 x 8 credits= 8 credits.

Broad guidelines and examination modalities and evaluation procedure shall be as follows:

(Two Research Methodology papers (RM-1 & RM-2) shall be identical for both Honours & Honours with Research Courses of Studies)

- **Research Methodology (RM-1 & RM-2)- (4 credits each):**

(4 credits each: 3Th+1 viva)--- (2x 4 credits: 8 credits)

RM-1 & RM-2 are to be formulated according to the following generic format:

- Fundamentals of Research: Research Process and Design**
- Research Ethics and Social Impact**
- Literature Review**
- Methods, Techniques and Tools**
- Citation & Bibliography**

The detailed formulation of the content with regard to the above items will be done by the respective U.G.B.O.S.

The format of questions in Research Methodology shall be **either essay type** (non MCQ) or **MCQ** and that shall be decided by the concerned UGBOS.

For MCQ/ non MCQ question patterns-(100 marks): There shall be theory component of 3 credits-75 marks and viva-voce of 1 credit- 25 marks.

Question pattern for Theory component of MCQ type (75 marks):

15 questions x 3 marks = 45 marks

15 questions x 2 marks = 30 marks

Evaluation: The Theory examination shall be held in away centre and viva-voce shall be held in home centre in presence of External examiners (external examiners shall be recommended by the colleges).

- **Research Internship:(4 credits):**

Credit distribution: 3Th (75 marks) +1 viva-voce (25 marks)

(Guidelines shall be formulated by the respective UGBOS)

- **Dissertation/ Project (8 credits):**

Credit distribution: Report Writing (6credits, i.e. 150 marks) + Viva-voce (2 credit, i.e. 50 marks)

Contents of this paper may differ for different subjects and shall be evaluated by the internal examiners (faculty members of the concerned college) in presence of External examiners (External examiners shall be recommended by the colleges).