

# CSIR NET SYLLABUS 2021



- Syllabus for Chemical Sciences
- Syllabus for Earth Sciences
- Syllabus for Life Sciences
- Syllabus for Mathematical Sciences
- Syllabus for Physical Sciences

# CSIR NET Syllabus

The Council of Scientific and Industrial Research (CSIR) prescribes the syllabus for the CSIR UGC NET exam which is conducted for five subjects including Chemical Sciences, Earth, Atmospheric, Ocean and Planetary Sciences, Life Sciences, Mathematical Sciences and Physical Sciences. The CSIR UGC NET exam is conducted online and comprises three parts. All the parts of the exam contain objective type multiple-choice questions (MCQs).

Have a look at the subject-wise syllabus of the CSIR NET exam below along with the preparation tips and books:

## CSIR NET Syllabus for Chemical Sciences

The syllabus for Chemical Sciences subject is as follows:

Inorganic Chemistry	Physical Chemistry
Organic Chemistry	Chemistry in nanoscience and technology
Catalysis and Green Chemistry	Medicinal Chemistry
Supramolecular Chemistry	Environmental Chemistry

[Read More](#) for detailed CSIR NET Chemical Sciences syllabus.

## CSIR NET Syllabus for Earth Sciences

Have a look at the Part-B and Part-C syllabus of Earth Sciences below:

Part	Syllabus
Earth Sciences Part-B	<ul style="list-style-type: none"><li>• The Earth and the Solar System</li><li>• Earth Materials, Surface Features and Processes</li><li>• Interior of the Earth, Deformation and Tectonics</li><li>• Oceans and Atmosphere</li><li>• Environmental Earth Sciences</li></ul>
Earth Sciences Part-C	<ul style="list-style-type: none"><li>• Geology - Mineralogy and Petrology</li><li>• Geology - Structural Geology and Geotectonics</li><li>• Geology - Paleontology and its Applications</li><li>• Geology - Sedimentology and Stratigraphy</li><li>• Geology - Marine Geology and Paleoceanography</li></ul>

- Geology - Geochemistry
- Geology - Economic Geology
- Geology - Precambrian Geology and Crustal Evolution
- Geology - Quaternary Geology
- Geology - Applied Geology
- Geology - Physical Geography
- Geology - Geophysics
- Geology - Meteorology
- Geology - Ocean Sciences

[Read More](#) for detailed CSIR NET Earth Sciences syllabus

## CSIR NET Syllabus for Life Sciences

Go through the Life Sciences syllabus:

Molecules and their Interaction Relevant to Biology	Cellular Organization
Fundamental Processes	Cell Communication and Cell Signaling
Developmental Biology	System Physiology – Plant
System Physiology – Animal	Inheritance Biology
Diversity of Life Forms	Ecological Principles
Evolution and Behavior	Applied Biology
Methods in Biology	-

[Read More](#) for topic-wise syllabus for the CSIR NET Life Sciences.

## CSIR NET Syllabus for Mathematical Sciences

These are the topics from which questions will be asked in Mathematical Sciences section of CSIR NET exam:

Analysis	Linear Algebra
Complex Analysis	Algebra
Ordinary Differential Equations (ODEs)	Partial Differential Equations (PDEs)
Numerical Analysis	Calculus of Variations
Linear Integral Equations	Classical Mechanics

[Read More](#) for topic-wise CSIR NET Mathematical Sciences syllabus

## CSIR NET Syllabus for Physical Sciences

Have a look at the Part-A (Core) & Part-B (Advanced) topics of Physical Sciences:

Mathematical Methods of Physics	Classical Mechanics
Electromagnetic Theory	Quantum Mechanics
Thermodynamic and Statistical Physics	Electronics and Experimental Methods

[Read More](#) for detailed CSIR NET Physical Sciences syllabus.

## CSIR NET Exam Pattern

The CSIR NET online exam is conducted in three parts. All the three parts comprise multiple-choice questions (MCQs) and there is no break between the papers. The CSIR UGC NET exam is of 200 marks and there is a negative marking for incorrect answers. [Read More](#)

## CSIR NET Preparation Tips

Check below some important preparation tips for the CSIR NET exam:

### Go through CSIR NET exam pattern and syllabus

To begin with the preparations for the CSIR UGC NET exam, candidates should first go through the latest exam pattern and syllabus thoroughly. The CSIR NET exam pattern differs as per the subject selected by candidates.

### CSIR NET books

Candidates can prepare for the CSIR NET exam through the books available for the exam. Have a look at some of the best books:

Book	Author
Joint CSIR-UGC NET Chemical Science (Paper-II & III)	Narender Sharma
CSIR-UGC NET/JRF/SET Physical Sciences	Dr Surekha Tomar
CSIR-UGC NET/JRF/SET Mathematical Sciences	Alok Kumar (Upkar)
CSIR-UGC NET/JRF Earth, Atmospheric, Ocean and Planetary Sciences Exam Guide	Surendra Kumar

## **Practice CSIR NET mock tests and question papers**

One of the best ways to test the preparation level is to attempt the CSIR NET mock tests and question papers. Practicing the papers and mock tests enable candidates to improve their time management skills and focus on their weak areas.

### **Also Read:**

[CSIR NET books](#)

[CSIR NET question papers](#)

[How to crack CSIR NET Life Sciences paper?](#)

### **Check below syllabus of other teaching exams:**

[CTET syllabus](#)

[UGC NET syllabus](#)

[UPTET syllabus](#)

[OTET syllabus](#)

[HTET syllabus](#)

[WBSET syllabus](#)

[Bihar STET syllabus](#)

[PSTET syllabus](#)

[MAHA TET syllabus](#)

[KTET syllabus](#)

