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## Central University Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh

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Babasaheb Bhimrao Ambedkar University (BBAU) , Lucknow, Uttar Pradesh is one of the finest and youngest universities of India covering entire Uttar Pradesh with its sprawling campus situated at Rai Bareilly.

Dr. US Rawat is the Registrar of the university.

### Departments at BBAU

1. School for Bio-Sciences & Bio-technology
2. School for Legal Studies
3. School for Ambedkar Studies
4. School for Information Science & Technology
5. School for Environmental Sciences

### School of Ambedkar Studies Has the Following Departments

1. Department of Economics
2. Department of History

### Department of Economics

Course: M a (Economics)

Semester-1

- Basic Mathematics for Economic Analysis
- Basic Statistics
- Micro Economics

Semester-2

- Public Finance
- Economics of Discrimination
- Theory of Distribution
- International Economics

### Semester-3

- Political Economic of Under development
- Ambedkar Economic Thought
- Evolution of Indian Economy Colonial Period
- One optional paper out of following has to be chosen:
- India's Industrial Development
- International Finance
- Institutional Economics
- Principles of Agricultural Economics
- Econometrics-I
- Legal Economics
- Economic Systems, Socialism & Mixed Economy

### Semester-4

- Economics of Socially Marginalized Group
- Growth & Development of Economics
- Planning & Indian Economy since Independence
- One optional course out of following has to be chosen:
- India's Agricultural Development
- Environmental Economics
- Economics of Human Development
- Labor Economics
- Econometrics II
- Money & Banking

### Important Information

- Number of Seats: 20
- Eligibility: Graduate Degree with Economics as one of the Subjects with 50% marks from recognized University (40% for SC/ST) .
- Enrollment for PhD in Economics are also available.

### Department of History

#### Course Structure: M a (History)

#### Semester-1

- History of Dalits (Ancient & Medieval Periods)
- Pre History and Pro History of India

- Ancient India (600 BC to 300 AD)
- Ancient India (300 AD to 650 AD)

#### Semester-2

- History of Delhi Sultanate (1206 AD-1526 AD)
- History of Mughals (1526 AD-1707 AD)
- History of India (1885 AD-1947 AD)
- History of Dalits (Modern and Contemporary Periods)

#### Semester-3

- Mass Movements During British Rule
- Ambedkar's Ideas on History
- Modern Buddhist Movement
- One optional out of the following has to be chosen: Early Medieval India (650 AD-120 AD)
- History of India (1957 AD-1857 AD)
- Economic History of India 6<sup>th</sup> Century BC to 120 AD

#### Semester-4

- Revolution in Modern world
- Ambedkar's Social and Political Movement
- Modern Social Thinkers

One optional course out of the following has to be chosen:

- Imperialism and Nationalism in Asia
- Religion and Society of Medieval India
- Beginnings of Modern Europe (1500 AD to 1700 AD)

#### Important Information

- Number of Seats: 20
- Eligibility: Graduation with 50% marks (40% for SC/ST) from a recognized University.
- Enrollment for PhD in History are also open.

## Department of Computer Science

### Course: MCA

#### Semester-1

- Information Technology-I
- Software Lab-I
- Software Lab-II

- Office Automation
- System Analysis & Design
- Programming in C ++
- Mathematics-I

#### Semester-2

- Numerical & Statistical Method
- Discrete Structure
- Information Technology-II
- Data Base Management System
- Computer Architecture
- Software Lab-III
- Software Lab-IV

#### Semester-3

- Computer Graphics & Animation
- Data Structure
- Digital Hardware Design
- Visual Basic
- Principles of Management
- Software Lab-V
- Software Lab-VI

#### Semester-4

- Operating System
- Computer Network
- Software Engineering
- Accounting & Financial Management
- Software Lab-VII
- Software Lab-VIII
- Artificial Intelligence

#### Semester-5

- Multimedia Information System
- Planning & Management of Computer Centers
- Advanced Database Management System
- One optional out of the following courses has to be chosen:
- Pattern Recognition

- Robotics
- Neural Networks
- One optional out of the following courses has to be chosen:
- Digital Signal Processing
- Windows Programming
- Software Lab
- Compiler Design
- Software Lab

#### Semester 6

- Training & Project Work
- Seminar

#### Important Information

- Number of Seats: 20
- Eligibility: Graduation in any subject with 50% marks (40% for SC/ST) from any recognized University with mathematics at 10 + 2 level.

### Department of Library & Information Sciences

#### Course M. Sc. Library & Information Science

##### Semester-1

- Information, Communication, Library and Society
- Information Sources, Systems and Programmes
- Information Technology
- Information Technology Lab

##### Semester-2

- Information Processing & Organization
- Information Processing & Organization Lab-I
- Information System Management
- Information Products: Design and Marketing

##### Semester-3

- Information Retrieval & Computer Networks
- Research Methodology
- Information Processing & Library Automation
- Information Processing & Library Automation Lab

##### Semester-4

- Information technology-II
- Information Technology Lab-II
- Academic and Research Information Systems and Services
- Health Science Information Systems and Services
- Guided Project Work

### Important Information

- Number of Seats: 20
- Eligibility: Graduation in any subject including Engineering and Medicine with minimum 50% marks (40% for SC/ST) from any recognized University.
- Enrollment for PhD in Library & Information Science are open.

## Department of Environmental Sciences

### Course M. Sc.In Environmental Science

#### Semester-1

- Environmental Chemistry
- Environmental Lab-I
- Basic Concept of of Physical Environment
- Natural Ecosystems and Biodiversity
- Ecosystem Dynamics

#### Semester-2

- Fresh Water and Marine Pollution
- Instrumentation and Data Analysis
- Air Pollution and Radiation
- Environmental Microbiology
- Environmental Lab-II

#### Semester-3

- Water Management and Bio remediation
- Environmental Toxicology
- Environmental Physiology
- Environmental Biotechnology
- Environmental Lab-III

#### Semester-4

- Environmental Policy and Management
- Problems of Global and Indian Environment

- Dissertation Work
- Environmental Lab-IV

### Important Information

- Number of Seats: 20
- Eligibility: Graduation in Agriculture or Life Science with minimum of 50% marks (40% marks for SC/ST) from any recognized University.
- Enrollment for PhD in Environmental Science are also open.

## Department of Human Rights

### Course Structure: LLM- (Human Rights)

- Semester-1
- Legislation-principals, methods & interpretation
- Jurisprudence & Legal Theory-1
- Constitutional Law of India-1
- Research Methods in Social Sciences-1

#### Semester-2

- Research Methods in Social Science
- Human Rights & International Law-I
- Jurisprudence & Legal Theory-I
- Constitutional Law of India-2

#### Semester-3

- Theories of Rights & Justice
- Human Rights & International Law-2
- Criminal Justice System & Human Rights in India
- State, Civil Society & Human Rights in India

#### Semester-4

- Elective Paper
- Seminar & Viva-Voice
- Dissertation-Writing

### Important Information

- Number of Seats: 20
- Eligibility: BSc (Agriculture, Life Science, Sericulture) with minimum of 55% marks (50% marks for SC/ST) from any recognized University.
- Enrollment for PhD in Human Rights are open.

## Department of Bio Technology

### Semester-1

- Laboratory Course 1
- Cell Biology
- Biomolecules
- Microbial Physiology & Genetics
- Biophysical Tools & Techniques

### Semester-2

- Molecular Biology
- Enzymology
- Immuno technology
- Seminar (on current topics) & Internal Assessment
- Laboratory Course 2

### Semester-3

- Research Project (to be evaluated in Semester 4)
- Seminar (project related topics) & Internal Assessment-2
- Laboratory Course 3
- Plant Biotechnology

### Semester-4

- Laboratory Course
- Bio process Engineering & Technology
- Environmental Biotechnology
- Elective Paper
- Research Project

### Semester-1

- Digital Communication and Computer Networks
- Data Structure using C ++
- Introduction to Information Technology
- Object Oriented Analysis and Design
- Operating System
- Web Technology
- Lab 1: Programming in C, C ++ & VB
- Lab 2: Based on Theory papers MIT 101 – 106

### Semester-2

- Computer Architecture
- Analysis and Design of Algorithms
- Data Bases and Data Warehousing
- Software Engineering
- Network Security
- Computer Graphics and Multimedia Applications
- JAVA programming, Windows programming and VC ++
- Lab IV: Based on Theory papers MIT 201 – 206

#### Semester-3

- Artificial Intelligence
- Compiler Construction
- Elective 1
- Elective 2
- Elective 3
- Educational Tour, Industrial visit, Minor Project
- Microprocessor based System Design
- Digital Image Processing
- Advanced JAVA programming
- Soft Computing
- C programming
- Robotics
- Neural Networks
- Advanced Software Engineering
- NET Technology
- Software Testing and Quality Assurance

#### Semester-4

- Projects

### Admission Procedures

Booklet for admission costs ₹ 300 (₹ 75 for SC/ST) inclusive of the fee for admission test.

SC, ST candidates seeking admission should deposit a self-attested photocopy of the SC/ST certificate issued by the concerned authority.

The result of the admission test will be available in the University and will also be published in leading dailies of India. Successful candidates will receive the admission letters from the university.

## Facilities

1. Hostel facilities for male students
2. Library with huge collection of books

## Address

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