

**IEHE, BHOPAL**  
**VOCATIONAL COURSES/SEC**  
**NEP 2020**

### Institute for Excellence in Higher Education (IEHE), Bhopal

#### Department of Forensic Science

**Forensic Handwriting Identification and Recognition**

**About the course:** Forensic handwriting examination is the comparison of two similar types of writing to determine authorship. The main objective of forensic handwriting examination is to analyze, compare and evaluate the handwriting characteristics to determine if the handwriting was or was not prepared by the known writer. In many civil and criminal cases examination of handwriting becomes crucial and challenging part of the investigation. This "Handwriting Identification and Recognition" is a specialized Vocational Course designed by the Department of Forensic Science, IEHE, Bhopal (M.P.) under NEP 2020 scheme. It is a 04 (01 theory + 3 practical) credits course especially intended to enhance the professional skills in Handwriting Identification and Recognition. To study this course, a student must have passed class 11<sup>th</sup> Year in science or any stream.

**Course Learning Outcomes:**  
After completing this course the students will be able to:-

- Learn important features in questioned documents, handwriting and its identification.
- Understand the basis of handwriting characteristics and the factors which influence handwriting of an individual.
- Perform the forensic examination of handwriting using different tools and techniques.

**Expected Job Role/ Career Opportunities:**  
After completing this course, the student will be able to:-

- Set up the private handwriting/signature examination laboratory.
- Offer opinion upon different cases related to handwriting/signature examination.
- Offer consultancy on questioned document examinations.
- Get employment opportunities in the area of questioned document, signature and handwriting examination.

**Director:** Dr. P. K. Agrawal (M.P.)  
**HOD:** Dr. Anjali Acharya (Department of Forensic Science, IEHE, Bhopal (M.P.)  
Contact:- +91 9925767760  
**Course Coordinator:** Mr. Mohd. Akbar  
**Dr. Rajendra Prasad Pawar** (Department of Forensic Science, IEHE, Bhopal (M.P.)

For more details contact us: +91 9620467806, +91 9674061089 or Visit: [www.iefhe.ac.in/](http://www.iefhe.ac.in/)

### DEPARTMENT OF MATHEMATICS

#### Mathematical Logic

(Skill Enhancement Course: SEC)

**The goals of mathematical logic are to provide a formal language for mathematics statement that is easily translatable into the natural language and thus allows compact and convenient notation.**

**The course aims at providing the student with the proper knowledge, cognitive skills, interpersonal skills, responsibility, communication skills, use of information technology skills and self-learning skills.**

**Course Outcomes:**

- Analyze logical propositions via truth tables.
- Compose and use truth tables for expressions involving the following logical connectives: negation, conjunction, disjunction, conditional, and biconditional.
- Prove and use the terms: proposition (statement), converse, inverse, contrapositive, tautology, and contradiction.
- Apply standard logical equivalences. Be able to prove that two logical expressions are or are not logically equivalent.

**Eligibility:** B.Sc. Mathematics First Year (Completed)

**Director:** Dr. Praveen K. Sharma (Department of Mathematics, IEHE, Bhopal (M.P.)  
**Dr. Manoj Kumar Shukla** (Head of the Department)

### Institute for Excellence in Higher Education (IEHE), Bhopal

#### Department of Political Science and Public Administration

**Vocational Course Managing Elections and Election Campaign**

Reading furnishes the mind only with materials of knowledge; it is the skills that makes what we read ours.

**Special features**

- Learning from field experts.
- Exposure visit to political parties' offices.
- Discuss case studies related to election practices & reforms.
- Webinars to interact with State election commission members.

**LEARNING OUTCOMES**

- Learn procedures to file an election nomination and technical issues.
- Learn difference in approach of political parties.
- Understand the importance of making posters pamphlets and manifestos.
- Made aware of the role of new media and technology.
- Know the on ground challenges and solutions.

**Dr. Pragyesh Agrawal** (Director, IEHE)  
**Dr. Indu Pandey** (HOD, Dept. of Pol. Sci. and Pub. Admin.)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Commerce

**VOCATIONAL COURSE: ACCOUNTING AND TAXATION WITH GST**

**KNOW THE CONCEPT OF THE ACCOUNTING**

OBTAIN THE THEORETICAL AND PRACTICAL KNOWLEDGE OF INCOME TAX ACT.

ACHIEVE INFORMATION RELATING COMPLETION OF TAXABLE INCOME AND TAX LIABILITY.

KNOW THE HISTORICAL BACKGROUND AND IMPLEMENTATION OF GST ACT.

KNOW THE CONCEPT OF DUTY AND INFORMATION OF INPUT TAX CREDIT.

**Director:** Dr. Pragyesh Agrawal (HOD, Dept. of Pol. Sci. and Pub. Admin.)  
**Dr. V.K. Shukla** (HOD, Commerce)

### Institute for Excellence in Higher Education

#### Department of English

**Department of English**

**Vocational Course:- Translation Studies**

**ABOUT THE COURSE**

Translation opens the door to the many literatures of the world, to understanding other cultures and countries, and enables these interactions to take on a complexity that would otherwise be limited to those within the same language area. Translation offers a new perspective on reading and interpretation.

**Course of translation studies would also help students to understand the connection between languages and explores the potential of them.**

**COURSE OUTCOMES**

Cultivate the skills, for successful life and learn to handle failures

Learn the art goal set and SWOT analysis

Develop the core skills for employability

Understand the importance of time and stress management

Realize the role of technology in personality development

**Dr. Pragyesh Kumar Agrawal** (DIRECTOR)  
**Dr. Gyaan Singh Gautam** (HOD, DEPARTMENT OF ENGLISH)

### Institute for Excellence in Higher Education, Bhopal

#### PERSONALITY DEVELOPMENT

**Department of English**

**This course aims to teach strategies and frameworks for personal growth, goal setting, and self-improvement. You'll learn to manage personal finances, deliver persuasive speeches, make ethical decisions, and think more creatively.**

**COURSE OUTCOMES**

Cultivate the skills, for successful life and learn to handle failures

Learn the art goal set and SWOT analysis

Develop the core skills for employability

Understand the importance of time and stress management

Realize the role of technology in personality development

**Dr. Pragyesh Kumar Agrawal** (DIRECTOR)  
**Dr. G.S. Gautam** (HOD, ENGLISH DEPARTMENT)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Commerce

**VOCATIONAL COURSE: ACCOUNTING AND TAXATION WITH GST**

**KNOW THE CONCEPT OF THE ACCOUNTING**

OBTAIN THE THEORETICAL AND PRACTICAL KNOWLEDGE OF INCOME TAX ACT.

ACHIEVE INFORMATION RELATING COMPLETION OF TAXABLE INCOME AND TAX LIABILITY.

KNOW THE HISTORICAL BACKGROUND AND IMPLEMENTATION OF GST ACT.

KNOW THE CONCEPT OF DUTY AND INFORMATION OF INPUT TAX CREDIT.

**Director:** Dr. Pragyesh Agrawal (HOD, Dept. of Pol. Sci. and Pub. Admin.)  
**Dr. V.K. Shukla** (HOD, Commerce)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Fashion Design

**Handicraft provide ample opportunities for employment even with low capital investment.**

**Course outcomes**

- Understand different craft process and techniques
- Know different traditional textiles and embroidery of India
- Contribute in "Aatmanirbhar Bharat" scheme of government.
- Design new products for craft revival and income generation.

**Director:** Dr. Pragyesh Kumar Agrawal (Institute for Excellence in Higher Education)  
**HOD:** Dr. Renu Jain, Department of Fashion Design.

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION, BHOAL

#### HISTORY DEPARTMENT

**VOCATIONAL COURSE (MPHE)**

**Tourism, Transport and Travel Services**

The department has introduced SEC/VOCATIONAL course under the NEP MODEL. The syllabus has been designed to help the students learn the basics of the booming tourism sector. An important aspect of the syllabus is the on site visits for the students so that they may have an hands on experience about the transport and travel services.

**Course outcomes:-**

- Understand the core concept of tourism, travel and transport services.
- Learn about the management of airport ground handlings.
- Independently escort tourists groups.
- Understand and practically know the procedure and functioning of a travel agency.

**Dr. Pragyesh Kumar Agarwal** (The Director IEHE, Bhopal)  
**Dr. Chanda Jain** (HOD History)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Psychology

**Vocational Course Career Counseling**

**Why Career Counseling????**

- Helps to choose a Right Career
- Helps to provide expert resources
- Helps Gain Confidence and Insight
- Career Mapping

**Director:** Dr. Pragyesh Agrawal  
**HOD:** Dr. Anupam Shukla

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Mathematics

**Vocational Course on Retail Management**

**COURSE LEARNING OUTCOMES:**  
At the end of the course, students will be able to:-

Describe the concept of Retail Management.  
Analyze the Consumer's Behavior.  
Describe Merchandise Management.  
Define E-Retailing system.  
Define E-Payment system.

**ELIGIBILITY:** B.A./B.COM/B.SC FIRST YEAR (COMPLETED)

**CUSTOMER CARE EXECUTIVES**  
**RETAIL MANAGER**  
**STORE MANAGER**  
**SUPPLY CHAIN DISTRIBUTOR**  
**ANALYST**  
**MERCHANTISER**

**JOB OPPORTUNITIES**

**DEPARTMENT OF ECONOMICS**

**Dr. Pranjesh Kumar Agrawal** (Director)  
**Dr. Anupam Shukla** (HOD)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Economics

**Vocational Course on Retail Management**

**COURSE LEARNING OUTCOMES:**  
At the end of the course, students will be able to:-

Describe the concept of Retail Management.  
Analyze the Consumer's Behavior.  
Describe Merchandise Management.  
Define E-Retailing system.  
Define E-Payment system.

**ELIGIBILITY:** B.A./B.COM/B.SC FIRST YEAR (COMPLETED)

**CUSTOMER CARE EXECUTIVES**  
**RETAIL MANAGER**  
**STORE MANAGER**  
**SUPPLY CHAIN DISTRIBUTOR**  
**ANALYST**  
**MERCHANTISER**

**JOB OPPORTUNITIES**

**DEPARTMENT OF ECONOMICS**

**Dr. Pranjesh Kumar Agrawal** (Director)  
**Dr. Anupam Shukla** (HOD)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Mathematics

**Vocational Course on Retail Management**

**COURSE LEARNING OUTCOMES:**  
At the end of the course, students will be able to:-

Describe the concept of Retail Management.  
Analyze the Consumer's Behavior.  
Describe Merchandise Management.  
Define E-Retailing system.  
Define E-Payment system.

**ELIGIBILITY:** B.A./B.COM/B.SC FIRST YEAR (COMPLETED)

**CUSTOMER CARE EXECUTIVES**  
**RETAIL MANAGER**  
**STORE MANAGER**  
**SUPPLY CHAIN DISTRIBUTOR**  
**ANALYST**  
**MERCHANTISER**

**JOB OPPORTUNITIES**

**DEPARTMENT OF ECONOMICS**

**Dr. Pranjesh Kumar Agrawal** (Director)  
**Dr. Anupam Shukla** (HOD)

### INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION

#### Department of Mathematics</

**Nodal officer and Convener: Dr. Ruchira Chaudhary**  
**Co Convener: Dr. Usha Kahol**