



Yashwantrao Chavan Maharashtra Open University

Prospectus for Awareness Course in Cyber Security: 2013-14

About YCMOU

The Yashwantrao Chavan Maharashtra Open University (YCMOU) was established on 1 July, 1989 through Act XX of 1989 of the Maharashtra State Legislature. It is recognized by the University Grants Commission under Section 12B.

Envisioning a system of distance education that percolates to the remotest corner in the State, the university has already created a name for itself. It has been honored with the prestigious 'Award for Institutional Excellence in Distance Education' from the Commonwealth of Learning, Canada and is listed among the 'mega open universities' of the world.

The academic programmes offered by the university span the full range from the Certificate to the Post-graduate level and encompass diverse academic disciplines. The study material developed for these programmes is self-instructional in nature. The programmes are carried to the students through an extensive network of over 4,000 programmewise Study Centres. Student enrollment has shown a consistent increase over the years and the average annual enrollment is over 5, 00,000.

Objectives

- To make higher, vocational and technical education available to large sections of the population.
- To give special attention to the needs of the disadvantaged groups, in particular, people in rural areas and women.
- To relate all courses to the developmental needs of individuals, institutions and the State.
- To provide an innovative, flexible and open system of education by using distance learning methodology and by applying modern communication technologies in education.

- To provide continuing adult and extension education. Special attention to be paid to retraining adults in new skills to enable them to adjust to a changing technological environment.
- To provide opportunities in postgraduate studies and research in all fields of knowledge, especially in educational technology, distance education and developmental communication.

Salient Features

- Programmes and activities geared towards becoming a 'mass varsity'.
- Emphasis on imparting vocational / technical skills.
- Use of latest advances in Information and Communication Technologies.
- Relaxed entry rules, flexibility in course combinations and credit transfer facilities.
- Wide network of Study Centres.
- Scientific system of Student Evaluation.
- Special attention to Quality.
- Global Outreach.

About the Centre for Collaborations & Special Initiatives

The Centre for Collaborations and Special Initiatives (CCSI) was established by the university in December, 2010. This was in recognition of the need to give a sharp thrust to several socially oriented ventures designed for specific target groups. The focus is on catering to the educational needs of different sectors of society, especially the unreached and disadvantaged ones through a wide variety of academic programmes that are not confined to any particular School of Studies.

It is an accepted fact in today's times that working in isolation is not going to lead us anywhere. With the scarcity of the required human resources in any single university,



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there is a need for joint ventures and sharing of resources through collaborative arrangements. It is from this point of view too that the Centre for Collaborations and Special Initiatives was created in the university to coordinate the development of sustained collaborative relationships.

Vision

To empower different sectors of society through need-based educational provisions.

Mission

To undertake focused initiatives for mainstreaming marginalized groups or communities and for providing a path of upward mobility through skill development or knowledge enhancement for those working in specific service sectors.

About Intelligent Quotient Security System

Intelligent Quotient Security System (IQSS), Pune, is a pioneer in the field of Cyber Security. IQSS has designed, developed and delivered technology based security solutions that have helped Law enforcement agencies, Corporate and Educational Institutes in this new era of information security. IQSS has trained more than 10,500 Police personnel and helped the Police Department in more than 750 cyber crime cases.

The Awareness Course in Cyber Security

India is the largest internet user in the world. The internet is being used for activities like Internet Banking, Online Billing, Mobile Recharging, sending and receiving Emails, etc. While performing these activities, there is the constant threat of account hacking, web attack etc unless proper precautions are taken. It has been estimated that behind every five people, four people become Cyber crime victims. The increased use of internet without proper security is creating increasing number of problems in day to day living. In India alone

about 97% of the internet users do not provide adequate or proper security to their systems. It is, therefore, necessary for every internet user to be aware of what he or she should do to prevent cyber attacks.

The online course on Cyber Security Awareness offered by the Centre for Collaborations & Special Initiatives (CCSI) of YCMOU in collaboration with IQSS, Pune has been designed to provide an understanding regarding prevention of cyber attacks and covers topics like protecting Computer Networks from Worms, Viruses, Trojan and Cyber Attacks.

Programme name: Awareness Course in Cyber Security

Programme Code: V54

Objectives:

After studying this course, students will be able to

- Demonstrate awareness of the breaches taking place in the cyber security world.
- Safeguard themselves from malicious attacks from the cyber world.
- Explain the legal implications of cyber crime offence.

Medium: English

Eligibility: Std. 10th passed

Programme Fees: Rs. 1800/- (Inclusive of study material, e-learning material, examination and certification).

Duration: 1 month

Study material: There will be one book consisting of the following units:

- (i) Cyber crime & its deadly effects
- (ii) Email crimes
- (iii) Financial crime
- (iv) Patent
- (v) Intrusion Detection System
- (vi) Information Technology Act



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In addition to the above e-content, video lectures in the field of cyber crime will be made available.

Registration

1. To register for this course, the student should visit the Study Centre and should submit the filled up Admission Form along with attested copy of Certificate/Statement of Marks of last examination passed. The authorised person at the Study Centre will do the registration. (The list of Study Centres provided herein may undergo additions. All updations in this list may be viewed on the university website under the link titled, 'Schools & Divisions' under Centre for Collaborations & Special Initiatives.)
2. Before registration, the student must have a valid email ID.
3. The student will be solely responsible for the correctness of the information provided by him/her.
4. The student shall pay the amount of Rs. 1800/- at the Study Centre by cash and will take a receipt for it.
5. The format of the Fee receipt is given on the last page of the Prospectus. The student is expected to get this fee receipt duly endorsed by the Study Centre. This fee receipt included in the prospectus is to be maintained by the student for ready reference.
6. The Study Centre will keep an amount of Rs. 360/- and the remaining amount of Rs. 1440/- will be sent by the Study Centre to YCMOU which shall include the share of YCMOU as well as IQSS.
7. After successful registration and verification of payment, the student will get the e learning account activation link on his/her email ID mentioned at the time of registration.
8. The student will be able to access the courseware from the 9th of each month.

9. If anyone has technical/ account/ courseware related queries, he/she will contact the system administrator from his/her account via e-Message.

Learning process

1. The student will be given a book containing six units and will be expected to study this on his own.
2. In addition to his learning at home, he will have access to interactive e-learning content including practice tests and video lectures by experts for which he/she may use the facilities of the Study Centre or use his own internet facility.
3. After the learning of each unit, the student will have to complete an online practice test, to test his understanding of the subject matter.

Examination & Evaluation procedure

1. The online test will be conducted at the respective Study Centre at the end of the learning period. It will consist of Multiple Choice Questions (MCQ) and will be based on the e learning material and the book.
2. A student will get a maximum of three attempts to solve the online test.
3. The passing criterion will be 40% aggregate marks on this online test.
4. After successful completion of the online test, the student will be awarded a Certificate duly signed by the Registrar, YCMOU and the Study Centre Head.
5. Students not clearing the online test in three attempts will be required to re-register for the course with payment of full fees for getting a second learning opportunity.
6. The validity of accessing the course-ware will be one month from the date of activation.



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Academic Calendar

Admission period: 1st to 7th of every month

Receipt of book: Immediately after registration

Activation of account: 9th of registration month

Internet availability at Study Centre for self study: 9th to 30th /31st of registration month

Online examination: 1st to 8th of the following month (The student can take the examination on any convenient date during the period) and will get the printed certificate there only.

Fee Receipt

This is to certify that

Ms/Mr _____
has paid a sum of Rupees 1800/- and has submitted Application Form for admission to the Awareness Course in Cyber Security of YCMOU.

Seal and sign with date of Study Centre