



Yashwantrao Chavan Maharashtra Open University, Nashik 422 222

Student Admission and Support

Sr. No.	Service Name	URL
1	Online Admission Application	https://ycmou.ac.in/admissions and/or http://ycmouoa.digitaluniversity.ac/Login
2	Online new Registration	https://ycmouoa.digitaluniversity.ac/Register
3	Student E-profile	https://ycmou.digitaluniversity.ac/default.aspx >Student Login
4	Scholarships Information	https://ycmou.digitaluniversity.ac/Content.aspx?ID=1269 and/or https://ycmou.digitaluniversity.ac/Content.aspx?ID=26804
5	Ebooks	https://ycmou.ac.in/ebooks
6	Ebooks Mobile--	https://ycmou.ac.in/ebooks
7	Customer Care	https://www.consumercomplaints.in/ycm-open-university-b102086

Examination, Assessment and Evaluation

Sr. No.	Service Name	URL
1	Examinations Information	https://ycmou.digitaluniversity.ac/Content.aspx?ID=846 and/or https://ycmou.ac.in/examination_division/circular_notice
2	Online Students Exam Form Submission	http://ycmou.digitaluniversity.ac/PreExamv2_Examform_Submission.aspx
3	Pre Examination Reports (Download Hall Ticket)	http://ycmou.digitaluniversity.ac/PreExamV2_DownloadHallTicket_New.aspx?ID=28070
4	Provisional Result Link	http://ycmou.digitaluniversity.ac/SearchDuplicateResult.aspx?ID=861
5	Assessment Data Entry (Th-CA, Pr-CA & UA, Projects etc.) (Requires Online Credentials to	https://ycmou.digitaluniversity.ac/ADES/CAPV2_DirectMarksEntry.aspx?m=26710
6	Examination Services	http://ycmou.digitaluniversity.ac/Content.aspx?ID=845
7	Migration	Migration
8	Transcript	Transcript
9	Varification of Marks	Verification of Marks
10	Scan copy of Answer Book	Scan copy of Answer Book
11	Revaluation of Answer Book	Revaluation of Answer book

12	Grievances (Exam)	Grievances (Exam)
13	Test (Counselling Time Table)	Test (Counseling Time Table)
14	Online Examination System	Online Examination System -- http://ycmou.unionline.in
15	Online Assessment of Question Papers	http://may19.ycmou.org.in/EVAL
16	Online Question Paper Delivery System(SRPD)	http://portal.ycmou.org.in/
17	Online Attendance	http://portal.ycmou.org.in/
18	Online Copy Case Marking	http://portal.ycmou.org.in/
19	Online Enquiree Committee Update	http://portal.ycmou.org.in/
20	Faculty Biometric Verification	https://biometric.ycmou.org.in/



ज्ञानगंगा घरोघरी

Yashwantrao Chavan Maharashtra Open University

'Dnyangangotri', Near Gangapur Dam, Nashik - 422 222

Phone : 2231714, 2231715, 2230227 **Fax :** 2231478

**e-Tender for
PRINTING OF NON-BOOK & BOOK WORK
FOR THE ACADEMIC YEAR 2014-15**

Tender No. : PUR/2014-2015/113



Key Dates

S.No.	YCMOU Stage	Vendor Stage	Start Date and Start Time	End Date and End Time
1	Tender Release	-	17/06/2014 11:00	17/06/2014 15:00
2	-	Online Bid Document Purchase & Download	17/06/2014 15:01	24/06/2014 15:00
3	-	Online Bid Preparation- Technical & Commercial	17/06/2014 15:01	25/06/2014 15:00
4	Close for Technical Bid	-	25/06/2014 15:01	25/06/2014 17:00
5	Close for Commercial Bid	-	25/06/2014 15:01	25/06/2014 17:00
6	-	Online Bid Submission	25/06/2014 17:01	28/06/2014 13:00
7	Technical Bid Opening	-	02/07/2014 11:00	02/07/2014 15:00
8	Commercial Bid Opening	-	04/07/2014 11:00 (If possible)	04/07/2014 15:00



Yashwantrao Chavan Maharashtra Open University

‘Dnyangangotri’, Near Gangapur Dam, Nashik - 422 222

TENDER No. : PUR/2014-2015/113

Invitation for Pre-Bid Conference and e-Tender Training Session

Dear Bidder,

With reference to the Tender Notice No. : PUR/2014-15/113 you are invited to attend a Pre-Bid Conference and e-Tender training session for clarification of your doubts / queries regarding the task expected from you as well as other related matters as per the following details.

Date : 18/06/2014

Time : 3.00 PM

Venue : Meeting Hall, University Main Building

It is hereby noticed that all queries should be clarified before submission of your bid as stipulated in the Tender Document. No changes will be entertained in your bid after submission.

Note : The queries from tenderer will not be entertained on any other occasions other than Pre-Bid-cum Training Session.



IMPORTANT INSTRUCTIONS FOR ONLINE TENDERING PROCEDURE

- ❖ Tenderers should have valid Class II / III Digital Signature Certificate (DSC) obtained from any Certifying Authorities. In case of requirement of DSC, interested Bidders should go to **<https://maharashtra.etenders.in>** and follow the procedure mentioned in the document 'Procedure for application of Digital Certificate'.
- ❖ The Tenderers have to make a payment of Rs 1038/- online as service charges for the use of Electronic Tendering during Online Bid Data Decryption and Re-encryption stage of the Tender.(**Bid Submission Stage**)
- ❖ For any assistance on the use of Electronic Tendering System, the Users may call the below numbers :

Landline No.: 020 - 2531 5555

E-Mail Id : support.gom@nextenders.com

- ❖ Tenderers should install the Mandatory Components available on the Home Page of **<https://maharashtra.etenders.in>** under the section '**Mandatory Components**' and make the necessary Browser Settings provided under section '**Internet Explorer Settings**'
- ❖ For any assistance on the use of Electronic Tendering System, the Users may call the below numbers : **Guidelines to Bidders on the operations of Electronic Tendering System of Water Resource Department.**

<https://dhe.maharashtra.etenders.in>

Enrolment and Empanelment of Contractors on Electronic Tendering System :

- ❖ For any assistance on the use of Electronic Tendering System, the Users may call the below numbers :The Contractors interested in participating in the Tenders of Yashwantrao Chavan Maharashtra Open University, Nashik processed using the Electronic Tendering System shall be required to register with the university on the Electronic Tendering System to obtain User ID. Only registered vendors will be allowed to participate in such tenders. The Vendors may obtain the necessary information on the process of registration from the university.

Obtaining a Digital Certificate :

- ❖ For any assistance on the use of Electronic Tendering System, the Users may call the above numbers. The Bid Data that is prepared online is required to be encrypted and the hash value of the Bid Data is required to be signed electronically using a valid Digital Certificate. This is required to maintain the security of the Bid Data and also to establish the identity of the Contractor transacting on the System.

The Digital Certificates are issued by an approved Certifying Authority authorized by the Controller of Certifying Authorities of Government of India through their Authorized Representatives upon receipt of documents required to obtain a Digital Certificate. Bid data / information for a particular Tender may be submitted only using the Digital Certificate which is used to encrypt the data / information and sign the hash value during the Bid Preparation and Hash Submission stage. In case during the process of preparing and submitting a Bid for a particular Tender, the Contractor loses his/her Digital Signature Certificate (i.e. due to virus attack, hardware problem, operating system problem); he / she may not be able to submit the Bid online. Hence, the Users are advised to store



his / her Digital Certificate securely and if possible, keep a backup at safe place under adequate security to be used in case of need. In case of online tendering, if the Digital Certificate issued to an Authorised User of a Partnership Firm is used for signing and submitting a bid, it will be considered equivalent to a no objection certificate / power of attorney to that User to submit the bid on behalf of the Partnership Firm. The Partnership Firm has to authorize a specific individual via an authorization certificate signed by a partner of the firm (and in case the applicant is a partner, another partner in the same form is required to authorise) to use the digital certificate as per Indian Information Technology Act, 2000. Unless the Digital Certificate is revoked, it will be assumed to represent adequate authority of the Authority User to bid on behalf of the Firm for the Tenders processed on the Electronic Tender Management System of Government of Maharashtra as per Indian Information Technology Act, 2000. The Digital Signature of this Authorized User will be binding on the Firm. It shall be the responsibility of Partners of the Firm to inform the Certifying Authority or Sub Certifying Authority, if the Authorized User changes, and apply for a fresh Digital Signature Certificate. The procedure for application of a Digital Signature Certificate will remain the same for the new Authorised User.

The same procedure holds true for the Authorized Users in a Private / Public Limited Company. In this case, the Authorisation Certificate will have to be signed by the Director of the Company or the Reporting Authority of the Applicant. For information on the process of application for obtaining Digital Certificate, the Contractors may visit the section Digital Certificate on the Home Page of the Electronic Tendering System.



Yashwantrao Chavan Maharashtra Open University

'Dnyangangotri', Near Gangapur Dam, Nashik - 422 222

IMPORTANT INSTRUCTIONS TO THE TENDERERS

The University shall have right to Accept / Reject / Cancell / Withdraw the Whole / Part tender without assigning any reason.

- (01) Yashwantrao Chavan Maharashtra Open University invites e-tenders for Printing of Non-Book & Book Work for the academic year 2014-15.

This e-Tender is open to only those applicants who are registered with Yashwantrao Chavan Maharashtra Open University as per the document No. APP. Reg./2014-2015/103.

- (02) Necessary Instructions given in appropriate windows / dialogue box must be followed meticulously by the tenderer. Failing to comply with these instructions will result in rejection of the tender / unsuccessful transaction.
- (03) Those who wish to submit e-Tender are advised to get clarification from the Purchase Officer of the university on any point on which they have doubts.
- (04) The tendering shall be by two part system, i.e. **One part shall contain Technical Tender and Second part shall contain Commercial Tender.**

Technical tender should contain the following documents :

- (a) The Demand Draft towards price of the e-tender drawn on any Nationalised bank only payable at Nashik in favour of '**Finance Officer, YCMOU, Nashik**'. D.D. drawn on other than Nationalised Bank will not be accepted. Cheque will not be accepted. Price of e-Tender is as follows :

<i>Nature of Work</i>	<i>Estimated Cost</i>	<i>Price of the e-Tender</i>
Printing of Non-Book & Bookwork for the Academic year 2014-15	1,00,00,000/-	5,000/- (Five Thousands only)

- (b) The Demand Draft towards Earnest Money Deposit drawn on any Nationalised bank only payable at Nashik in favour of '**Finance Officer, YCMOU, Nashik**'. D.D. drawn on other than Nationalised Bank will not be accepted. Cheque will not be accepted. Earnest Money Deposit Amount is of e-Tender as follows :

<i>Nature of Work</i>	<i>Estimated Cost</i>	<i>EMD Amount</i>
Printing of Non-Book & Bookwork for the Academic year 2014-15	1,00,00,000/-	1,00,000/- (One Lac only)

- (c) Copy of the registration certificate issued by Yashwantrao Chavan Maharashtra Open University Nashik

Scanned copy of Demand Drafts towards Price of e-tender and EMD amount should be uploaded.



- (05) Technical Tender submitted without the documents mentioned at Sr. No. 4 (a) to (c) above, is liable to be rejected without reservation along with the commercial tenders.
Tender shall not be considered valid, if –
- It is not received on or before the date and time fixed for the purpose.
 - It is not submitted in the e-Tender format issued by the YCMOU.
 - It is submitted without the prescribed Price Amount [*as mention in 5(a)*].
 - It is submitted without the prescribed Earnest Money [*as mention in 5(b)*].
 - The tender is conditional and inconsistent with any of the terms and conditions of the Tender Form.
- (06) The Technical Tender should be prominently sealed and superscribed as **‘Technical Tender’**. **This Technical Tender should be submitted to the YCMOU on or before 02/07/2014 upto 12.00 PM.**
- (07) The earnest money deposit will be forfeited, if the bid is withdrawn;
- at any time prior to its validity,
 - before or after its acceptance communicated to the tenderer, or
 - if successful tenderer fails to execute the contract after acceptance of his offers.
- Earnest money of unsuccessful tenderer will be refunded as early as possible. No interest will be paid on Earnest Money Deposit.
- (08) (a) The last date and time for the receipt of technical tenders in the YCMOU at Nashik is 02/07/2014 upto 12.00 PM. The Tenders received thereafter shall not be considered on any ground.
- (b) The technical Tender will be opened at the YCMOU, Dnyangangotri, Near Gangapur Dam, Nashik - 422 222 on 02/07/2014 at 3.00 PM.
- (c) The Commercial Tenders received electronically will be scrutinised and comparative chart of the rates will be available on relevant website.
- (09) All documents furnished by the Tenderer should be duly self attested. Original documents should be produced for verification at the time of opening of Technical Tender. Tenderer should bring all relevant originals of the required documents with him at the time of opening of technical tender. No extension of time limit will be granted for this purpose. In case, certain original document is submitted to any other authority, the tenderer will have to produce proof of its submission, at the time of opening of technical tenders.
- (10) Validity of the offer should be one year. Tenders bearing validity less than one year are liable to be rejected.
- (11) Conditional offers having conditions other than those specified herein shall not be considered and treated as invalid.
- (12) After acceptance of tender the tenderer will have to submit the Security Deposit. Amount of the Security Deposit will be 50% of the total cost of paper and board to be supplied first time by the university. The successful tenderer should submit Bank Guarantee against security deposit from a Nationalised bank within 15 days from the acceptance of the tender. The Security Deposit and the earnest money will be refunded after the completion of work entrusted and satisfactory supply report from concerned department. No interest will be paid on such amount.
- (13) The allotment of the work may be on the basis of printing and binding capacity of the printer. The University's decision on allotment of work, however, will be final and binding and not contestable by vendors. The University shall have a right to verify printing & binding capacity of the tenderer / printer, if necessary.



- (14) Entire quantity of Various Prospectuses, Booklets, Posters & Folders for the year 2014-15 should be delivered at Yashwantrao Chavan Maharashtra Open University, Nashik. Required quantity of various types of paper should be collected by the tenderer from the YCMOU godown. Tenderer should bear the cost of paper transportation.
- (15) (a) The printer will be eligible for payment upto 90% of total charges within 20 days after despatching total quantity of printed item as per the schedule given by the university and submitting the bill in duplicate completed in all respects along with following documents :
- (i) two copies of delivery challans,
 - (ii) two copies of invoice / bill,
 - (iii) five specimen samples of printing work entrusted.
- However, if the allotted work is not found satisfactory by the University, then the University may withhold the release of 80% payment till printer replaces quantity of unsatisfactory printed material as per the schedule given by the University. In case, the tenderer fails to comply condition of replacement or if the magazine replaced by him but rejected by the University, the entire production cost of the unsatisfactory material will be recovered or adjusted against the amount of bill payable to the tenderer.
- (b) The payment of remaining 10 % of the printing charges will be made after receiving satisfactory report of the concerned department.
- In case of minor deviation penalty upto 5% of the total cost of work entrusted will be recovered from bill payable to the tenderer. The decision of the concerned department will be final & binding on tenderer.
- (16) (a) In case of delay of more than 07 days than the scheduled delivery date in supply of books, tenderer shall be liable to pay penalty 1 % per week on the amount payable to printer of the balance quantity. If the tenderer fails to deliver the goods within one month than the scheduled delivery date thereafter the total order shall stand cancelled.
- (b) If the progress of work at any stage is found slower than expected and if the university is convinced that the printer will not be able to complete the work in time the university shall cancel the contract in full or in part and give it to other tenderer. In the event of such cancellation, the security deposit of the tenderer shall be forfeited and the printer will not be entitled to any compensation.
- (17) The instances like power failure, water shortage or closure of Printing Press due to an order imposed by the Factory Inspector or any other's Authority shall not be acceptable reason for the delay in despatching.
- (17) The rates once accepted by the University will hold good till the completion of the order. No increase will be considered on any account at any time.
- (18) (a) Premises and goods should be insured against fire, flood, theft, burglary, etc. Insurance cover should be available to protect customer's material and goods viz. paper stock, printed material, etc.
- (b) The Policy of Transit Insurance is to be drawn by the Tenderer. Printed copies with paper in transit will be at the risk of the Tenderer.
- (c) The commission if any, charged by the Banker of the Tenderer, shall be borne by the Tenderer himself.



- (19) (a) **It will be binding on the Tenderer to use the same paper and board for text book printing as supplied by the university. Tenderer should keep the paper stock in proper and secured condition. There should not be any misuse of the paper stock supplied by the university. In case if tenderer misuse the paper stock supplied by the university or the paper stock is damaged due to negligence of the tenderer then the university will take a strong action against the tenderer. In case tenderer commits breach of this or any or more conditions of the tender, the university shall be competent to forfeit the earnest money deposit and security deposit in full or in part. In this connection tenderer shall be blacklisted and debarred from participation in future tender procedure. In this case university will take strong legal action against the tenderer.**
- (b) Quantity of printing work will be finalised by concern department. An additional order for any printing work can be placed by the University with the successful tenderer, within the period of the contract on the same terms and conditions and at the same rates as accepted for the tendered quantity. The copies of the additional order shall have to be supplied within the time specified by the University.
- (20) (a) The successful Tenderer i.e. Printer shall be required to enter into an Agreement on Rs. 100/- stamp paper with the University and comply with necessary legal formalities as per the Indian Contract Act 1872. The successful tenderer will bear all legal expenses of execution of the Agreement.
- (b) The period of contract shall be for one year from the date of first work order drawn. The copyright of every printing material shall always rest solely with the University.
- (c) The successful tenderer shall execute an agreement within 8 (eight) days from the receipt of the letter of acceptance of the tender and submit security deposit (50% of amount of the total cost of paper and board to be supplied by the university) in the form bank guarantee.
- (d) If the tenderer fails to execute the agreement and fails to furnish security amount within the time mentioned above, the earnest money shall be forfeited and / or the Tenderer shall be **liable to be debarred from participation from future tender for a period of three years.**
- (21) Failure to fulfil any of the contractual obligations and / or execution of contract after its acceptance by the tenderer and / or breach of any provision in the agreement by the successful tenderer, and / or violation of the terms and conditions of Technical and Commercial Tender and / or any of the terms and conditions in the Work order may qualify the tenderer liable to be black listed.
- (22) The University will supply the required positives / tracings to the printer. The printer has to delivered the entire quantity as per the schedule given by Stores Dept. within scheduled time at regional centres of YCMOU. The printer shall not make any changes in positives or tracings. The tenderer should see that printing is done as per the final prints given to him and as per the required standard and quality. However, in later case the entire responsibility lies upon the tenderer.
- (23) The losses, damages and shortages in transit or otherwise shall be borne by the printer. In case of damage claim / insurance claim, the printer shall keep such damaged goods aside for insurance assessment and should not dispose off or use it till such assessment is done and goods should be returned to the University.
- (24) The printer will return original design, illustrations, art-pulls, negatives, positives and butter print etc. supplied by the University in good condition, within 8 (eight) days from the date of dispatch of the last lot of the ordered printing work. In the event of any loss, damage or non-return of the aforesaid materials, the printer shall be liable to pay penalty at the rate of Rs. 300/- (Rupees Three Hundred only) per negative or positive, art pull or original design or illustration or other material.



- (25) In case of misuse of positives / negatives, illustrations, original designs, art-pulls or butter print supplied by the University the right to cancel the work order forthwith and to take possession of such material and materials supplied by the University. In such event, the University shall have right to forfeit security deposit of the concerned printer. Such printer shall not be entitled for any payment for the work executed by him and he may be liable for black-listing by the University.
- (26) The printing must be of standard quality. The ink to be used for printing must be of standard quality. The face of the printed type must be sharp. Half-tone reproduction should contain all details. There should be not scum or tint on the printed page. Quality of the material i.e. paper must be of good quality as per the specifications mentioned with the tender and approved by technical checking authority.
- (21) The entire printing work must be printed by offset printing process only.
- (22) University shall have right to verify the capacity of any or all printing presses of the printer(s) as and when required. Any person authorized by the University shall have right to enter the premises of the printer where the said printing / binding work is being carried out and to inspect the work and its progress during the work schedule of the press.
- (23) In matters of interpretation of technical specifications, terms and conditions of technical and commercial tenders or any other related matters, the decision of the University shall be final and binding upon the printer.
- (24) Any dispute related to this tender and arising out of terms and conditions thereof, the same will be subject to Nashik judicial jurisdiction only.

Note : This original tender form duly filled in should be returned to the ‘**Finance Officer, Yashwantrao Chavan Maharashtra Open University, Dnyangangotri, Near Gangapur Dam, Nashik - 422 222**’.

Receipt No. :

Date :

Finance Officer

*Yashwantrao Chavan Maharashtra Open University
Nashik*

Certificate to be recorded by the tenderer while submitting offer

I / We have carefully read and understood the above important instructions, terms and conditions of the Technical Tender (form ‘A’) and I / We hereby agree to abide them without any prejudice and reservation.

Date :

Place :

**Tenderer's Official Signatory
Name and Designation with Rubber Stamp
or Official Seal of the Firm**



Yashwantrao Chavan Maharashtra Open University

‘Dnyangangotri’, Near Gangapur Dam, Nashik - 422 222

TECHNICAL SPECIFICATION

e-Tender for Printing of Non-Book & Book Work For the Year 2014-15

(A) PROSPECTUSES/TEXTBOOKS/BOOKLETS

- **Size** : 1/4th of 18" x 23" OR 1/8th of 18" x 23"
- **Quantity** : As per requirement.
- **Printing** : Cover Pages and Art plates : process 4 colours.
Text pages : Single colour or two colours or process 4 colours.
Application form : 2 colours.
- **Binding** : Centre Pinning, upto 128 pages and Perfect Binding above 128 pages, Cover-Mat lamination, Spot lamination, Numbering on Application Form & First Text page, Pasting of Application Form on Cover Page No. 3 with perforation.
- **Packing** : Packing should be as per instructions given by the Store Department. Bundles should be strapped with plastic strips on strapping machine. Labels indicating title, Number of copies, etc. should be paste on each bundle.
- **Delivery** : Within 8 to 10 days after the receipt of print order and positives or soft copies. All copies should be delivered at the Head Quater of YCMOU. Before delivery the printer should inform the details of delivery to the concerned person from concerned section of the university.

(B) SANWAD MAGAZINE

- **Size** : 1/4th of 18" x 23"
- **Quantity** : As per requirement.
- **Printing** : Cover Pages : Process 4 colours.
Text pages : Process 4 colours.
- **Binding** : Centre Pinning,
Cover-Mat lamination, Spot lamination,
- **Packing** : Packing should be as per instructions given by the concerned department.
- **Delivery** : Within 8 to 10 days after the receipt of print order and positives or soft copies. All copies should be delivered at the Head Quater of YCMOU. Before delivery the printer should inform the details of delivery to the concerned person from concerned section of the university.



(C) POSTERS

- **Size** : 1/4th of 18" x 23" OR 1/2nd of 18" x 23" OR 18" x 23" (full sheet) OR 23" x 36" (Double size)
- **Quantity** : As per requirement.
- **Printing** : Process 4 colours.
- **Packing** : Packing should be as per instructions given by the Store Department. Bundles should be strapped with plastic strips on strapping machine. Labels indicating title, Number of copies, etc. should be paste on each bundle.
- **Delivery** : Within 4 to 10 days after the receipt of print order and positives. All copies should be delivered at the Head Quater of YCMOU. Before delivery the printer should inform the details of delivery to the concerned person from concerned section of the university.

(D) FOLDERS

- **Size (open size)** : 1/4th of 18" x 23" OR 1/2nd of 18" x 23"
- **Quantity** : As per requirement.
- **Printing** : Single Colour OR Two Colours OR Process 4 colours.
- **Binding** : Only Folding (*one or two folds*) & lamination for art paper.
- **Packing** : Packing should be as per instructions given by the Store Department. Bundles should be strapped with plastic strips on strapping machine. Labels indicating title, Number of copies, etc. should be paste on each bundle.
- **Delivery** : Within 4 to 10 days after the receipt of print order and positives. All copies should be delivered at the Head Quater of YCMOU. Before delivery the printer should inform the details of delivery to the concerned person from concerned section of the university.

(E) BANK CHALLAN

- **Size (open size)** : 1/4 th of 18" x 23"
- **Quantity** : As per requirement.
- **Printing** : Single Colour
- **Binding** : To be attached with application form. Numbering on 4 places on each challan.
- **Packing** : Packing should be as per instructions given by the Store Department. Bundles should be strapped with plastic strips on strapping machine. Labels indicating title, Number of copies, etc. should be paste on each bundle.
- **Delivery** : Within 4 to 10 days after the receipt of print order and positives. All copies should be delivered at the Head Quater of YCMOU. Before delivery the printer should inform the details of delivery to the concerned person from concerned section of the university.



Details of Paper Wastage % for Printing

<i>No.</i>	<i>Copies</i>	<i>Wastage %</i>	<i>Wastage % for Next Colour</i>
01.	Upto 1000	2 %	1 %
02.	Above 1000 upto 5000	1.5 %	0.75 %
03.	Above 5000 upto 10000	1 %	0.50 %
04.	Above 10000	0.5 %	0.25 %

Note : University will supply the required paper and board to the printer. Wastage % for Printing will be allowed as above.





ज्ञानगंगा घरोघरी

Yashwantrao Chavan Maharashtra Open University

'Dnyangangotri', Near Gangapur Dam, Nashik - 422 222

Phone : 2231714, 2231715, 2230227 **Fax :** 2231716

COMMERCIAL e-TENDER

**e-Tender for
PRINTING OF NON-BOOK & BOOK WORK
FOR THE ACADEMIC YEAR 2014-15**

Tender No. : PUR/2014-2015/113



Yashwantrao Chavan Maharashtra Open University

'Dnyangangotri', Near Gangapur Dam, Nashik - 422 222

COMMERCIAL TENDER

e-Tender For Printing of Non-Book & Book work for Academic Year 2014-15

1. Full Name and Address : _____
of the Printer _____

Telephone / Fax No. : _____

2. Tender Price Paid : D.D. No. _____ Date _____
Drawn on _____ Bank, Nashik
Amount : Rs. _____
attached with Technical Tender - A
3. Earnest Money paid : D.D. No. _____ Date _____
Drawn on _____ Bank, Nashik
Amount : Rs. _____
attached with Technical Tender - A

(Note : Terms and Conditions of the Tender attached with Technical and Commercial Tender are applicable for both the Tenders i.e. Technical Tender and Commercial Tender.

Place :

Date :

*Official Signatory of the Printer
with Official Rubber Stamp / Seal*



e-TENDER NOTICE NO. : PUR / 2013-14 /113 For Printing of Non-Book & Book Work For the Year 2014-15

Important Instructions for Commercial Tender

Please read following instructions carefully before finalising the rates. Avoid overwriting in any case. Tenderer shall give rate for printing work in each respective column.

- (1) DTP, Design work will be done by the university. Soft copy of entire printing work or Positives for cover and Tracings for text will be supplied by the university.
- (2) Various types of paper required for the printing of jobs will be supplied by the university. Printer should arrange transportation to collect the required paper.
- (3) Rates should be inclusive of plate (C.T.P.), printing, binding, transportation of paper, delivery to YCMOU Godown and all taxes as applicable.
- (4) Rates should be inclusive of transportation, loading and unloading charges.
- (5) Any other charges like Toll, Entry fees, etc. should be borne by the printer.
- (6) Terms & conditions specified in this tender will be mandatory to successful tenderer.

Place :

Date :

*Official Signatory of the Agency
with Official Rubber Stamp / Seal*

Note : Failure to give details in above Column will render tender invalid and the decision of the Purchase Committee. Yashwantrao Chavan Maharashtra Open University in the respect will be final. Please mention your other Terms & Conditions, if any, separately in your quotation. Overwriting, erasure may be avoided in any case these may be with full date & signature.





Proforma of Rates for Various Printing Processes

01. Rates for Plate Making

No.	Description Of Work	Size	Rate Per Plates (Rs.)
1.1	Positive Working Plate (Pre Sensitised Plates)	23 “x 36”	
1.2	Positive Working Plate (Pre Sensitised Plates)	20 “ x 30 “	
1.3	Positive Working Plate (Pre Sensitised Plates)	18 “ x 28 “	
1.4	Positive Working Plate (Pre Sensitised Plates)	18 “ x 23 “	
1.5	CTP Plates (Computer [Soft Copy] to Plate)	23 “x 36”	
1.6	CTP Plates (Computer [Soft Copy] to Plate)	20 “ x 30 “	
1.7	CTP Plates (Computer [Soft Copy] to Plate)	18 “ x 28 “	
1.8	CTP Plates (Computer [Soft Copy] to Plate)	18 “ x 23 “	



02. Rates for Black Colour Printing

No.	Size of the Plate	Upto 1000 copies per Per Plate (Rs.)	More than 1000 upto 3000 copies Per Plate per 1000 (Rs.)	More than 3000 upto 5000 copies Per Plate per 1000 (Rs.)	More than 5000 upto 10000 copies Per Plate per 1000 (Rs.)	More than 10000 upto 25000 copies Per Plate per 1000 (Rs.)	Above 25000 copies Per Plate per 1000 (Rs.)
2.1	23"x36"						
2.2	20"x30"						
2.3	18"x28"						
2.4	18"x23"						

03. Rates for Single Colour (Other than Black) Printing

No	Size of the Plate	Upto 1000 copies per Per Plate (Rs.)	More than 1000 upto 3000 copies Per Plate per 1000 (Rs.)	More than 3000 upto 5000 copies Per Plate per 1000 (Rs.)	More than 5000 upto 10000 copies Per Plate per 1000 (Rs.)	More than 10000 upto 25000 copies Per Plate per 1000 (Rs.)	Above 25000 copies Per Plate per 1000 (Rs.)
3.1	23"x36"						
3.2	20"x30"						
3.3	18"x28"						
3.4	18"x23"						

04. Rates for Multi Colour Printing

No	Size of the Plate	Upto 1000 copies per Per Plate (Rs.)	More than 1000 upto 3000 copies Per Plate per 1000 (Rs.)	More than 3000 upto 5000 copies Per Plate per 1000 (Rs.)	More than 5000 upto 10000 copies Per Plate per 1000 (Rs.)	More than 10000 upto 25000 copies Per Plate per 1000 (Rs.)	Above 25000 copies Per Plate per 1000 (Rs.)
4.1	23"x36"						
4.2	20"x30"						
4.3	18"x28"						
4.4	18"x23"						



05. Rates for Book Binding & Non Book Binding (including Binding Material)

No.	Description of Work	Rate (Rs.)
5.1	Folding Per Fold Per 1000	
5.2	Collating Per Section Per 1000	
5.3	Centre Pinning Binding (Upto 64 Pages)	
5.4	Centre Pinning Binding (64 to 124 Pages)	
5.5	Perfect Binding (128 to 200 Pages)	
5.6	Perfect Binding (Above 200 Pages) Rate for Additional 16 Pages Additional 8 Pages Additional 4 Pages	
5.7	Booklet - Centre Pinning Upto Demy 1/8	
5.8	Booklet - Centre Pinning Upto Demy 1/4	
5.9	Group Packing Per Book	
5.10	Pinning Per 1000 Per Pin	
5.11	Numbering - Per Number Per 1000	
5.12	Perforation Per Page / Per Line Per 1000	
5.13	Pasting Per Page Per 1000	
5.14	Punching Per Punch Per 1000	
5.15	Gloss Lamination Minimum Charge	
	Above Minimum per 100 Sq. Inches	
5.16	Matte Lamination Minimum Charge	
	Above Minimum per 100 Sq. Inches	
5.17	Envelope Making Charges : Paper Envelope Size : upto 11" x 5" - Plain (per 1,000 Nos)	
	Size : upto 11" x 5" - Window (per 1,000 Nos)	
	Size : upto A4 - Plain (per 1,000 Nos)	
	Size : upto A4 - Window (per 1,000 Nos)	
	Size : upto A3 - Plain (per 1,000 Nos)	
	Size : upto A3 - Window (per 1,000 Nos)	
	Size : Above A3(per 1,000 Nos)	
	Envelope Making Charges : Cloth Envelope Size : upto 11" x 5" (per 1,000 Nos)	
	Size : upto A4 (per 1,000 Nos)	
	Size : upto A3 (per 1,000 Nos)	
	Size : Above A3 (per 1,000 Nos)	



05. Rates for Book Binding & Non Book Binding (including Binding Material)

No.	Description of Work	Rate (Rs.)
5.18	Section Sewing	
	Demy - 1/8 per Section	
	Demy - 1/4 per Section	
	Crown - 1/8 per Section	
5.19	Case / Gally Binding	
	Demy - 1/8 per Book	
	Demy - 1/4 per Book	
	Crown - 1/4 per Book	
5.20	Wiro Binding	
	Punching per 1,000 Pages	
	Wiro Binding - Without Hanger per Running Inch	
5.21	Spiral Binding	
	Punching per 1,000 Pages	
	Spiral Binding - Without Hanger per Running Inch	
5.22	Exam. Forms & Time Table Upto Demy 1/4	
5.23	Bill Book Binding Upto Demy 1/8	
	Bill Book Binding Upto Demy 1/4	
	Bill Book Binding Upto Demy 1/2	
5.24	Pad Binding Upto Demy 1/8	
	Pad Binding Upto Demy 1/4	
	Pad Binding Upto Demy 1/2	
5.25	Register Binding (Half Cloth) Demy 1/4	
	Register Binding (Half Cloth) Full Scape	
	Register Binding (Half Cloth) Crown	
5.26	Register Binding (Full Cloth) Demy 1/4	
	Register Binding (Full Cloth) Full Scape	
	Register Binding (Full Cloth) Crown	



महाराष्ट्र MAHARASHTRA

22 JAN 2014

सदरचा मुद्रांक लिहू &
वापरणेस साठी नाही.

KH 409668

अनुक्रमांक क्र. 929008 दि. 22/01/2014
मुद्रांक कोणत्या कारणासाठी वापरण्याचा आहे 3/2/14
मुंबई मुद्रांक कार्यालय 755000 वापरणेस.
मुद्रांक वापरणे साठी संपूर्ण पत्र 5/1/14
संपूर्ण पत्र 28/01/14
हस्तो द्याव्याचे संपूर्ण नांव 1-1/14
पत्रा 1-1/14



मुद्रांक धारकाची सही
/ हस्तो व्यक्तीची सही

SANGITAA LOKANDE (मुद्रांक विक्रेता)

परवाना क्र. 2209928

परवान्याची मुदत:- 31/3/2014

पत्रा:- मोहोदय हॉटेल कंपाउंड, पुणे-7
Memorandum of Understanding (MoU)

This MoU is entered into on 06th day of the month of February in the year 2014 at Pune, INDIA.

For Yashwantrao Chavan Maharashtra Open University

For Maharashtra Knowledge Corporation Ltd.

Dr Prakash Atkare
Registrar

Vivek Sawant
Managing Director & CEO

MoU between YCMOU and MKCL for DU, 2014

BETWEEN

Yashwantrao Chavan Maharashtra Open University established by the Yashwantrao Chavan Maharashtra Open University Act 1989 (Mah. XX of 1989) located at Dnyangangotri, Near Gangapur Dam, Nashik 422 222, through its Registrar, hereinafter referred to as '**the University**', (which term shall so far as the context admits be deemed to mean and include its successors and assignees as the party of the first part)

AND

Maharashtra Knowledge Corporation Limited, a Company incorporated under the Companies Act, 1956, having registration no. U80302PN2001 PLC135348 and having its registered address at ICC Trade Tower, 'A' Wing, 5th Floor, Senapati Bapat Road, Shivajinagar, Pune 411 016, Maharashtra, INDIA, acting through its authorized signatory, Mr. Vivek Sawant, Managing Director and CEO, hereinafter referred to as '**MKCL**' (which expression, unless repugnant to the context or meaning thereof, shall mean and include its successors and assignees), as the party of the Second part.

WHEREAS MKCL is a high-tech initiative of the Government of Maharashtra in design, development and delivery of Education, Governance and Empowerment programs, technologies, products, solutions and services and has proven experience in the said fields,

AND WHEREAS MKCL has developed the Digital University®, a comprehensive software framework for a fully web-based management of the University, and Digital College (DC) a software framework for network of Departments, Schools and Study Centers of the University, to offer different functionalities to students, teachers, administration, and managements of the University, Departments, Schools and Study Centers in a mass personalized manner,

AND WHEREAS Department of Higher and Technical Education, Government of Maharashtra, keeping their main objective of facilitating the students by cutting down their costs, avoiding delays and inconvenience and to completely reengineer the traditional processes in the overall interest of the students by exploiting the advances in information technology, has issued a Government Resolution (ईसेवा २००६/(१९१/०६)/मशि-१) dated June 19, 2006 in order to provide various functionalities to the students through usage of Digital University® software framework developed by Maharashtra Knowledge Corporation Limited in all the non-agricultural Universities and all the Government/Non-Government Aided/ unaided colleges/institutions affiliated to/ recognized/ conducted by them as well as all the colleges/ institutions governed by other educational institutions in Maharashtra from the academic year 2006-07,

AND WHEREAS the University is desirous of using a comprehensive IT Framework for all its administrative and academic functions for bringing about in a cost effective manner, a higher efficiency, greater effectiveness and a higher quality of service to the students, teachers and other associated individuals and organizations including its all sub-campuses, Departments, Schools and Study Centers, if any, etc.


NOW THEREFORE the parties hereto with a view to synergize their strengths in the interest of the students and staff of the University, agree to enter into a Memorandum of Understanding (hereinafter referred to as '**MoU**') specifying the scope, their rights, responsibilities and arrangements as herein below:

NOW THIS MoU WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:



1 Scope

Scope of work under this MoU is mentioned in the Annexure A and B hereto. The scope mentioned in Annexure A shall be applicable from Academic year 2013-14. Scope mentioned in Annexure B shall be applicable from Academic year 2014-15.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 


2 Roles and Responsibilities

Under the terms of this MOU, responsibilities of MKCL and University are as follows:



Legends: I – Initiator, R – Responder

Sr. No.	Role	Responsibilities of MKCL	Role	Responsibilities of University
1	I	Nominate, within 10 days of signing of this MoU, a Project Coordinator who will act as a single point contact with the University for all activities regarding this project.	I	Nominate, within 10 days of signing of this MoU, a Nodal Officer duly empowered to use the Digital University® software framework, who will act as a single point contact with MKCL for all activities regarding this project.
2	I	Specify the infrastructure and computing resources (refer Annexure-D) and third party software to be arranged/procured by the University as well as the Departments, Schools and Study Centers of the University in advance so as to start the usage in time and integration of the third party software with hardware and data migration.	R	As specified by MKCL, arrange/procure and establish the infrastructure and computing resources, including the third party software after studying the financial feasibility and available technical resources and deciding the number of pieces or licenses required by the University as well as the Departments, Schools and Study Centers of the University, in advance so as to start the usage in time.
3	R	Provide face to face training or online training through distributed classroom for the configuration and usage of the framework to the staff identified by the University, at mutually agreed frequency.	I	Make necessary arrangements at its own cost for training sessions and ensure that all the concerned officers of University who are going to configure and use the Digital University® software framework get properly trained.
4	I	Provide the basic level user's Manual in soft copies with fair and reasonable extent of details to the YCMOU.	R	Use the manual for usage of the Digital University® software framework as and when required.
5	I	MKCL shall provide the export facility to download the complete student data in excel spreadsheet format on semester or annual basis.	R	Download the data as and when required for back-up.
6		-----NIL-----	I	Make it mandatory in phased manner for all its Departments, Schools and Study Centers to use the Digital University® software framework for the application and admissions and not accept the applications in any other physical or digital format generated through any other software for the programs currently under Digital University® software framework

For Yashwantrao Chavan Maharashtra Open University

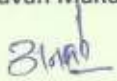

Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.




Vivek Sawant
Managing Director & CEO 

Sr. No.	Role	Responsibilities of MKCL	Role	Responsibilities of University
				and those may be defined later.
7	I	Specify the dedicated Human Resources (Annexure-C) to be arranged by the University for successful completion of operations (to use the Digital University® software framework and deliver the functionalities as per annexures) and for technical support such as Network administrators, Database administrators, and System administrators, as well as to be arranged by the Departments, Schools and Study Centers of the University in advance, so as to start the usage in time.	R	Identify and arrange the dedicated human resources as specified by MKCL after completion of the need assessment and financial feasibility studies and deciding the number of persons required and ensure that all the concerned officers of the University, Departments, Schools and Study Centers that are going to use the Digital University® software framework complete basic training in IT literacy within three months of signing of this MoU.
8	I	Host on the internet and provide access to web-based generic Digital University® software framework including the Online Application Software for configuration, and usage by the staff, Departments, Schools and Study Centers of the University.	R	In order to provide in detail configuration specifications of the system, appoint competent officers/ staff to fill in information in the Digital University® software framework developed by MKCL. The YCMOU shall recommend the look and feel and design of the home page and other tab pages which shall be integrated by the MKCL through a consultative process.
9	I	Specify the information required for configuration, enhancement and usage.	R	Provide the ordinances, rules and regulations, master and legacy data and all documents deemed necessary to understand current processes of the University and extend full cooperation to team appointed by MKCL for configuration, usage and enhancement of the framework.
10	I	Provide formats for elicitation of business requirements for the modules to be developed as listed in Annexure-B and develop the same.	R	Provide complete documentation of the processes, business rules and requirements for the modules which are to be developed as listed in Annexure-B, in the format specified by MKCL as per the schedules mutually agreed upon and duly signed by the Nodal Officer.
11	I	Make the developed modules available on staging server for testing by YCMOU Nodal Officer and rectify the bugs reported through support ticketing system.	R	Thoroughly test the functionalities for developed modules and report the errors, bugs to MKCL through support ticketing system.

For Yashwantrao Chavan Maharashtra Open University



Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

Sr. No.	Role	Responsibilities of MKCL	Role	Responsibilities of University
12	I	Specify computing infrastructure and human resources, workflow layout required to establish and operate a Student Facilitation Center (SFC) cum Call Center on the University premises if so required by YCMOU.	R	Establish and run, with necessary staff, a Student Facilitation Center (SFC) cum Call Center on the premises of the University to provide telephonic/ face-to-face support to students and resolve their queries during the time of admission and examination.
13	R	Carefully study, analyze and identify valid issues, grievances, suggestions, and feedbacks submitted by the users of the University, Departments, Schools and Study Centers in order to enhance the Digital University® software framework. Also, upgrade the existing software to suit the emerging needs of technology..	I	Record and inform issues, grievances, suggestions and feedback regarding the Digital University® software framework to MKCL in order to facilitate study of the same by MKCL to enhance the software if necessary and feasible.
14	I/R	Conduct/attend meetings from time to time to review about the progress regarding functionalities and deliverables about the progress made and to plan and strategize accordingly. Incur and bear the travelling, lodging-boarding and other incidental expenses related to attending the meeting and other meetings/training sessions. Post-meeting, the Coordinator will communicate the concerned officer of the University of actions taken on corrections, changes expected and informed by University at the meeting, within the specified time.	I/R	Conduct/Attend meetings from time to time to review about the progress regarding functionalities and deliverables about the progress made and to plan and strategize accordingly. Incur and bear the travelling, lodging-boarding and other incidental expenses related to attending the meeting and other meetings/training sessions. Post-meeting, the Coordinator will communicate the concerned officer of MKCL of actions taken on compliances expected and informed by MKCL at the meeting, within the specified time.
15	I	Ensure that the web-based Digital University® software framework is available 24x7 and the downtime is limited to less than 3% annually.		----NIL----
16	I	Ensure that the cyber security norms are adhered to so that unwarranted content from external resources does not get published on the portal.	R	Take the relevant precautions internally so that unauthorized content is not published on the website. Publish the content on the portal (like the YCMOU Act, statutes, Prospectus, Syllabi, Time Table, etc) that is provided by the University officials duly authorized.

For Yashwantrao Chavan Maharashtra Open University


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Vivek Sawant
Managing Director & CEO 


Sr. No.	Role	Responsibilities of MKCL	Role	Responsibilities of University
17	I	Adopt the required security measures with the required backup arrangements for disaster management so that the data of the university resides securely on the hardware.		---NIL---
18	R	Migrate the result data of the existing students, undergoing the various courses, from the University's legacy systems to Digital University® software framework against the defined courses, so as to enable functionalities to existing students.	I	Provide legacy system record and data that are deemed necessary for migration in the format as specified by MKCL and make-up the insufficient data from time to time.

3 Financial Terms

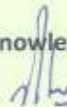

The financial terms for the Academic Year 2013-14 shall be as follows:

- 3.1. For the students registering to the programs having duration more than or equal to 1 year, the University shall pay to MKCL the 'eSuvudha Fee' of ₹50/- (Rupees Fifty Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune.
- 3.2. For the students registering to the programs having duration less than 1 year, the University shall pay to MKCL the 'eSuvudha Fee' of ₹25/- (Rupees Twenty Five Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune.
- 3.3. For the registered students (i.e. having 16 digit PRNs generated before Academic Year 2013-14) seeking admission in Academic Year 2013-14 to the subsequent program part terms of programs having duration more than 6 months, the University shall pay to MKCL the 'eSuvudha Fee' of ₹25/- (Rupees Twenty Five Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune. The payments shall be subject to Taxes as and if applicable.

3.4. The payments shall be subject to Taxes as and if applicable.

The financial terms from the Academic Year 2014-15 onwards shall be as follows:

3.5. For the students registering to the programs having duration more than or equal to 1 year, the University shall pay to MKCL the 'eSuvidha Fee' of ₹50/- (Rupees Fifty Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune.


3.6. For the students registering to the programs having duration less than 1 year, the University shall pay to MKCL the 'eSuvidha Fee' of ₹25/- (Rupees Twenty Five Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune.

3.7. For the registered students (i.e. having 16 digit PRNs) seeking admission to the subsequent program part terms of programs having duration more than 6 months, the University shall pay to MKCL the 'eSuvidha Fee' of ₹50/- (Rupees Fifty Only) plus applicable taxes per student per academic year. For each student whose form has been uploaded, 80% of such payment will be made against the monthly invoice raised by MKCL. The University shall make the payment of 80% of the invoice amount to MKCL within 45 days from the date of submission of the invoice by MKCL. The payment of the balance 20% of the invoiced amount will be made within 30 days from the last day of the concerned academic year defined in the system. The payment maybe made, by RTGS/NEFT/demand draft drawn on any nationalized bank in the name of 'Maharashtra Knowledge Corporation Ltd.' payable at Pune. The payments shall be subject to Taxes as and if applicable.

3.8. In case, MKCL is not able to fulfil the condition of providing all the functionalities mentioned in Annexure B during the Academic Year 2014-15 and onwards, as per the mutually agreed schedule, then the University may withhold 20% of the total due payment for the academic year 2014-15 and onwards as applicable till such time that MKCL is able to fulfill the requirements mentioned in Annexure B.

3.9. In case, the University does not release payments due to MKCL as agreed above in sub-clauses 3.1 to 3.7, then the University, if demanded by MKCL, shall pay to MKCL interest @ 9% p.a. on the amount outstanding from the date on which it becomes due till the date of payment thereof.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

3.10. From Academic Year 2014-15 upon integration of online payment gateway with Digital University® Framework, University will transfer the 'eSuidha fee' as agreed above from the Online Payment made by student and/or study center/regional center by the end of same day on which University receives the payment in their account, by issuing standing instructions to bank as a precondition to online submission of data by study center/regional center to University for registration.

3.11. The payments shall be subject to Taxes as and if applicable.

4 Publicity and Use of Name

4.1 MKCL may identify University as a customer of MKCL and a user of the MKCL's Digital University® framework in press releases and marketing materials, tenders, bids, EOIs, demonstrations and presentations. MKCL may refer potential new customers to the University as a reference for the MKCL's Digital University® framework and the University agrees to respond reasonably to all such reference contacts.

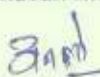
5 Intellectual Property Rights

5.1 MKCL explicitly informs that it has exclusively developed the software framework, and/or its versions required for rendering the services hereunder. As such, the algorithm, software code, whether compiled or un-compiled, in printed or electronic format, with software design logic, graphical user interfaces (GUI) and their design, look and feel, shall be the explicit Intellectual Property of MKCL only. However, in case the University designs a GUI, page design, look-and-feel which are subsequently implemented by MKCL, such features shall be the intellectual properties of the University. The text uploaded by the university like the prospectus, study material, instruction to the study centers, etc. (by virtue of having been created by the university) shall be the intellectual property of the University. The YCMOU Act, statutes, etc. will be governed by the relevant IPR laws of the land.

5.2 Each party hereby undertakes to inform the other party of any violation of Intellectual Property Rights or its unlawful use, under the prevailing laws of the land. Further, each of the party herein, agrees to co-operate with the other to the extent possible in the process of investigating such cases of any violation of Intellectual Property Rights or its unlawful use and taking legal action against the said infringement.

5.3 The data regarding the applicants who have applied for admission and students admitted to the University, and other data related to students, Departments, Schools and Study Centers, and the University shall be the property of the University and MKCL shall have the right of access thereto only to the extent of and for performing its responsibilities hereunder. If any application/s for information is received by MKCL under The Right To Information Act, 2005 regarding any of the said matters then, only the University shall be responsible for replying since the property rights are held by it.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

6 Confidentiality

- 6.1 Both parties undertake to each other to keep confidential all information (written or oral) concerning the business and affairs of the other, which has been obtained or received during the course of performance hereunder.
- 6.2 In the event of any of the parties becoming legally compelled to disclose any confidential information, such party shall give sufficient notice to the other party so as to enable the other party seeking a timely protective order or any other appropriate relief. If such an order or other relief cannot be obtained, the party being required to make such a disclosure shall make the disclosure of the Confidential Information only to the extent that is legally required of it and no further.

7 Contract Interpretations

- 7.1 In this MOU unless otherwise specified:
- a) All words/terms denoting the singular shall include the plural and vice-versa;
 - b) All words/terms denoting any gender shall include all genders.

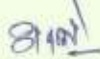
8 Headings

- 8.1 The Headings used under in this MOU for a group of terms and conditions are meant to serve only as a convenience. The Headings are not to be considered for the interpretation of terms or conditions in the MOU.

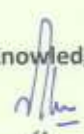

9 Validity

- 9.1 This MOU embodies the entire, sole and exclusive MOU and understanding between the parties hereto with respect to the subject matter hereof.
- 9.2 Any amendment or modification or waiver in connection with this MOU will not be effective unless made in writing and signed by both the parties.
- 9.3 If any provision of this MOU is held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions hereof shall not in any way be affected or impaired thereby.
- 9.4 This MoU shall be valid from September 10, 2013 and for a period of 3 years i.e. till Sep 09, 2016, that is, a period of three years.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

10 Waiver

- 10.1 The party that is entitled to the benefit hereof may waive any term or condition of this MoU at any time. Such waiver must be in writing and must be executed by an authorized officer of such party. A waiver on one occasion will not be deemed to be a waiver of the same or any other breach or non-fulfillment on a future occasion.

11 Force Majeure

- 11.1 Neither party to this MoU shall be liable for any failure or delay on its part in performing any of its obligations under this MoU if such failure or delay shall be result of or arising out of Force Majeure conditions and, provided that the party claiming Force Majeure shall use its best efforts to avoid or remove such cause of non-performance and shall fulfill and continue performance hereunder with the utmost dispatch whenever and to the extent such cause or causes are removed.
- 11.2 Any extraordinary event, which cannot be controlled by the parties, shall for the purpose of this MoU, be considered as a Force Majeure event. Such events include acts of God, acts or omissions of any Government or agency thereof, compliance with rules, regulations or order of any Government Authority, strike, lockout, unlawful acts, unlawful tampering of data on the portal and hardware and power failure, downtime of ISP services, virus/worms/spyware/denial of service attacks, spamming and hacking attacks. PROVIDED however, if either party claims that the existence of any of the aforesaid conditions is delaying or disabling the performance by said party of its obligations under this MoU then such party shall give immediate notice by email or registered mail or courier to the other party of the existence of such conditions whose existence are claimed to delay or disable the performance of obligations as aforesaid.

12 Termination

- 12.1 The MoU can be terminated by either party giving the other party, a prior written notice of not less than three months of its intention to do so keeping the consideration of the cohort of the students being affected in mind while deciding on taking such steps.
- 12.2 The MoU shall also stand terminated for any reasons such as legal processes, acts of the State or similar such exigencies beyond the normal control of the party concerned and which disable any of the parties hereto from functioning further.
- 12.3 Both the parties shall honor commitments made prior to the date of notice, complete the ongoing work to avoid major inconveniences or serious dislocations of the work of either party and shall settle any outstanding dues without recourse to compelling action, upon such termination.
- 12.4 Despite termination, the parties shall abide by the usual professional ethics and normal code of conduct to maintain the confidentiality of the information and intellectual property rights.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

12.5 The Clauses of this MoU, which by nature are intended to survive termination of this MoU shall remain in effect after such termination.

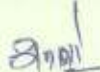
13 Jurisdiction

13.1 All disputes and differences, whatsoever arising out of these presents or any part thereof and whether as to the construction thereof or otherwise shall be referred to the courts at Nashik, Maharashtra, India which shall be the courts having jurisdiction to entertain and try the same.

14 Notices

14.1 Any notices, requests and other communications required or permitted hereunder shall be in writing and shall be given by hand against written acknowledgement or receipt, or sent by registered mail, or by facsimile or by email followed by a confirmation letter by registered mail, at or to each of the parties at the addresses set forth in this MoU or to its last known place of business.

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

IN WITNESS WHEREOF the parties hereto have set their respective hands to these presents and in duplicate (wherein each copy shall be considered original) hereof the day and year herein above written.

For Yashwantrao Chavan Maharashtra Open University For Maharashtra Knowledge Corporation Ltd.

Signature:



Name: Dr. Prakash Atkare

Designation: Registrar

Witnesses

Signature: AADeshmukh

Name: Dr. Anuradha Deshmukh

Designation: Director

Centre for Collaborations & Special Initiatives

Signature:

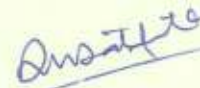


Name:

Vivek Sawant

Designation: Managing Director & CEO

Signature:



Name:

Sachin Satpute

Designation: Program Coordinator (Digital University Business Development Program)



Annexure A

Scope of Work for YCMOU MoU for Academic Year 2013-14

'e-Suvidha' Functionalities to Students through Digital University® Framework

Informative Functionalities to students on portal

1. About University
2. About University Organization Structure
3. About Courses and Colleges
4. About Admissions
5. Syllabi Download
6. About Admissions, Examinations, Convocation, Migration
7. Suggestions and complaints
8. News, Calendar and Events
9. Various alerts in student login

Administrative and Facilitation Functionalities

1. Pre-printed prefilled Eligibility forms
2. ID card of college
3. Bona fide Certificate of college
4. Class Time Table of college
5. 16 digits unique permanent Registration Number (PRN),
6. Profile correction request
7. Profile update request
8. Online application for photocopy of answer-books
9. Online application for Re-evaluation
10. Online application for Re-verification
11. Personalized Time Table download
12. Personalized Hall ticket download
13. Personalized prefilled Exam form download
14. SMS/Emails to students

Employment Assistance Services to Youth


Student Home

1. Inbox
2. Career Path
3. Question & Answers
4. Feedback
5. Chat
6. Ask a query
7. User settings

Employment

1. Search jobs
2. Earn and learn

For Yashwantrao Chavan Maharashtra Open University


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Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

3. Government jobs & Government schemes
4. Self Employment
5. Education and Job Fair
6. Resume builder

Other services

1. Educational Loan
2. Competitive Examination
3. Scholarships & fellowships (State, National and international)
4. Certificates
5. Awards
6. Advanced Studies in India and Abroad
7. EASY blog
8. Employer's Zone
9. Resume Search by Employer
10. Job setting by Job Seeker
11. Job alert mails and SMS to Job Seeker

Functionalities for Study Centres and University Schools for Administration

Admission Reports

1. Monthly Attendance Format
2. Term Attendance Format
3. Yearly Attendance Format
4. Roll call Register
5. Photo Sign List
6. Birth Date Age Report
7. Native Place List
8. Guardian Occupation
9. Mailing Labels
10. Students PRN
11. Admitted Students' Merit List
12. Data Export To Excel
13. Student Wise Papers
14. Roll-No Wise Students
15. General Register
16. Transferred Student
17. Inward Students' Report
18. Non-Inward Students' Report
19. DU Pin List
20. eSuvidha Membership Card
21. Eligibility Status Report
22. Course Part Term wise Discrepancy Report
23. User Wise Data Entry Report

Statistical Reports

1. Faculty wise Category
2. Course Part wise Category
3. Gender Wise Blood Group
4. Course Part wise Student Strength
5. PRN Generated Status
6. Gender Wise Cast

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Managing Director & CEO 

7. Course Part Wise Email
8. Birth Month Wise Student
9. Course Part Term Wise Fee Collection
10. Course Part Wise Not Inward
11. Student Wise Document
12. Faculty Wise Fee Collection
13. Course Part Wise Physical Disability
14. Religion Wise Cast Statistics
15. State Wise Student
16. Course Part Wise Marital Status
17. Guardian Occupation Summary
18. Gender Wise Social Reservation
19. Qualification Summary
20. Division Wise Student Strength
21. Paper Wise Student Strength
22. Paper Wise Division Wise Student Strength

Graphical Statistics Reports

1. Admission Statistics
2. Roll No and Division Allocation Statistics
3. Eligibility Statistics
4. Transfer Statistics
5. Fee Collection Statistics
6. Course Statistics

Fee Management Reports

1. Course Wise Total Fee Reports
2. Collected Fee Register Reports
3. Course Wise Receipts Reports
4. Course Wise Student Fee
5. Cancel Receipt List Reports
6. Student Receipt Reports

Time Table Management Reports

1. Course Wise Weekly Time Table
2. Course Wise Monthly Time Table
3. Teacher Wise Weekly Time Table
4. Teacher Wise Monthly Time Table
5. Teacher Wise Work Load
6. Course Wise Work Load
7. Weekly Work Load
8. Daily Work Load

Other utilities

1. No objection Certificate
2. Character Certificate
3. Bona fide Certificate
4. ID card
5. Transfer Certificate

Examination Reports

1. Inward Examination Form Statistics
2. Student Summary List

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Managing Director & CEO 

3. Exam Form Statistics
4. Download Examination Hall Ticket
5. Examination Form Submission
6. Blank Mark List
7. Paper Wise Name List
8. Physically Challenged Student List
9. Student List By Venue
10. Reports for Venue
11. Download Examination Hall Ticket
12. Daily Paper Report
13. Paper wise Student Name List
14. Physically Challenged Student List
15. Paper Wise Attendance Sheet and Junior Supervisor Report

Functionalities for University Administration

Web portal

1. Dynamic Menu and Multilingual Content Management,
2. Organization Structure management,
3. Calendar Management,
4. Publishing RTI Compliance,
5. Suggestions,
6. Feedback and Complaints,
7. University Photo gallery,

Academics Management

1. Course Structure Definition
2. Evaluation and Assessment Structure Definition
3. College Affiliation/Institute Recognition Management

Eligibility and registration Management

1. 16-digit unique PRN (Permanent Registration Number of students),
2. SMS/Email communications
3. Student Profile Management

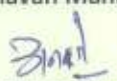
Examination Management module

1. Examination Scheduling/Time-Table Management,
2. Exam forms and their Inward,
3. Exam Fee, Center/Venue
4. Hall Ticket and Seat Number Management and information system providing various reports to help in conduction of examination
5. Question Paper Packer Reports
6. Block wise Junior Supervisor and Attendance Sheet

Online Assessment Data Entry Software

1. Facilitating online centralized/distributed data entry of assessment data
2. Coding/decoding of answer books
3. Blank Mark-lists
4. Checklists and other important reports
5. Marks modification report

For Yashwantrao Chavan Maharashtra Open University


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Managing Director & CEO 

6. Statistical monitoring report

**Result processing and certification using centralized result processing engine
(Optional)**

1. Offers Data verification and validation,
2. Result processing and ordinance application,
3. Generation of statement of marks,
4. Result register/ledger,
5. Passing/provisional certificates,
6. Result statistics and press reports

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Vivek Sawant
Managing Director & CEO 

Complimentary Functionalities (other than eSuvidha)

(These functionalities will be offered under the assumption that the existing programs under Digital University® Software Framework will continue as before and new programs will be added in DU framework in future)

Messaging

1. Internal messaging system to users
2. Rule based messaging
3. Fixed Inbox size provided to every user

Meeting Management

1. Meeting agenda generation and availability in personal inbox
2. Minutes of Meeting reports
3. Facility to take points from last MoM for further meeting agenda,
4. List of attendees

Question Bank Repository Creation System

1. Unicode Support
2. Various Types of objective Question
3. QTI Standards Compliance
4. Mapping with Syllabus
5. Association with Bloom's Taxonomy
6. Question ranking and feedback evaluation

Bug Tracking System

1. System for logging the bug or error in portal
2. Tracking the status of the same.

New Requirement Tracking System

1. System for logging the new requirement in portal (within the scope of eSuvidha)
2. Tracking the status of the same.

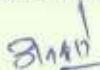
Libreria- Library Automation System (LAN based at headquarters only, hardware to be provided by University)

1. OPAC
2. Book Reservation
3. Book Management
4. Accessioning
5. Membership Management
6. Circulation
7. Catalogue
8. 50+ Reports

Online Examination System (Quasi Online, LAN Based hardware to be provided by University)

1. Unicode Support
2. Various Types of objective Question
3. Dynamic Question Mix from Question Bank
4. Automated Instant Evaluation
5. e-Certification and Feedback
6. Evaluation Data Synch for Results

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Managing Director & CEO 

7. QTI Standards Compliance
8. Quasi-Online Deployment Model

Note: Truly-Online Deployment Model may be offered if the requisite server and necessary bandwidth is provided by University at its own cost.

Secured Remote Question Paper Delivery

For Yashwantrao Chavan Maharashtra Open University


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Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

Annexure B

Scope of Work for YCMOU MoU for Academic Year 2014-15 onwards

Complimentary Functionalities (other than eSuvidha)

(These functionalities will be offered under the assumption that the existing programs under Digital University® Software Framework will continue as before and new programs will be added in DU framework in future)

Online application for admission

1. Anytime, anywhere web based application
2. Information about admission procedure, eligibility criteria etc.
3. Single online application for all courses and study centre
4. Online payment gateway integration

File Management and Workflow Tracking System (LAN Based, hardware to be provided by University)

(After receiving requisite inputs from university)

1. Departmental workflow automation
2. File inward, action tracking for top officers


Learning Object Repository Management System

Learning Management System (LAN Based, hardware to be provided by University)

MKCL will develop following modules after receiving detailed requirements from YCMOU

1. Online Journal Publishing and Subscription Management System
2. Online Conference Management System
3. Online Assessment
4. Resource Expert Recognition System
5. Financial Management System (and/or Integration with third party software such as Navision etc.)
6. Material Tracking System up to the study centre level
7. OMR and Barcode of Answer books (hardware to be provided by University)
 - a. OMR scanning software for barcoded answer books
 - b. Secured automated marks data entry in Assessment Data Entry System
8. Document Verification System
 - a. This shall include online functionality (paid / free) for outside parties
 - b. MKCL will develop this module after receiving detailed requirements from YCMOU
9. Digitally Certified Certificates
 - a. The Digital Signatures, if required, will have to be procured by YCMOU

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

- b. The important certificates in PDF such as Statement of Marks / Grades, Migration Certificate will bear Digital Signature of the competent authority and will be made available in students' login.

For Yashwantrao Chavan Maharashtra Open University


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Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 

Annexure C

Human Resources required

University shall designate a senior officer as 'Nodal Officer' as per provisions. The existing staff of the various sections will be trained in usage of the Digital University® Framework.

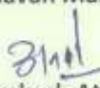
Human Resources required

Resource Category	Additional Qualification required
Nodal Officer / Center Head	Computer Literate and fluent with internet
Team Leads / Supervisors	Computer Literate and fluent with internet
Computer Operators (Team Members)	Computer Literate with good command on MS Office – Excel, Word and good data entry speed

Number of Human Resources required for data entry and similar type of work

Sr. No.	Number of students registered with the Study Center to be facilitated every year	Center Head	Team Leads/ Supervisors	Computer operators
1	Upto 50,000	1	1	5
2	More than 50,000 and Upto 1,00,0000	1	1	7
3	More than 1,00,000 and upto 2,00,0000	1	2	10
4	More than 2,00,000 and upto 4,00,000	1	2	15
5	More than 4,00,000 above	1	2	20

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Annexure D

Computing Resources required at University

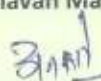
Server Hardware Specifications

Sr. No.	Item	Minimum Specification
1	Processor	Quad Core 2.9 GHz X 2 with 12 MB L3 Cache
2	Monitor	Color
3	RAM	8 GB DDR3
4	Hard Disk	500 GB X 3 (RAID 5) SAS
5	LAN	1Gbps
6	Mouse	3 Button Scroll Mouse
7	Keyboard	104 Keys Standard USB Keyboard with Number Pad


Software Licenses to be installed on the Server

Sr. No.	Item	Minimum Specification
1	Operating System	Windows 2003 Enterprise Edition (32 bit)
2	Antivirus Client	McAfee / Symantec / Trend Micro (Cloud based)
3	PDF Reader	Adobe Reader 8.0 or Above
4	Office Suite	Microsoft Office 2010/2013 Professional Edition
5	Web Browser	IE 8.0 and above/ Firefox 3.0 and above/ Google Chrome

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Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO

Peripherals required

Sr. No.	Item	Minimum Specification
1	MFP Printer	18-20 PPM Capacity 512 MB Buffer memory
2	Scanner	Minimum 300 DPI USB, Flat Bed Color
3	Handheld BAR Code Reader	Any make capable of scanning 1-D barcode from distance of 12 to 15 inches and switching between multiple bar code standards (e.g. Code 128 etc.)
4	Back up device	DVD Writer (Internal / External)
5	Switch	48 Port unmanageable Switch (depending on number of client machines)
6	Firewall	Cyber roam CR 500i OR equivalent hardware firewall
7	Router	CISCO make or any equivalent (Required in case of Leased line only)

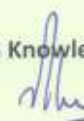
Quantity of Peripherals required

Sr. No.	Number of students registered with the College/ Institute to be facilitated every year	Printer	Scanner	Bar Code Readers	Backup Device
1	Up to 1000	1	1	5	1
2	More than 1000 and up to 2000	1	1	10	1
3	More than 2000 and up to 3000	1	2	10	1
4	More than 3000 and up to 4000	1	2	15	1
5	More than 4000 and up to 5000	2	4	20	1

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO

Client Machines Hardware Specifications

Sr. No.	Item	Minimum Specification
1	Processor	Intel i3 2 nd Generation or AMD Equivalent
2	Monitor	Color
3	RAM	2 GB
4	Hard Disk	120 GB
5	LAN	100 Mbps
6	Mouse	3 Button Scroll Mouse
7	Keyboard	104 Keys Standard USB/PS2 Keyboard with Number Pad

Software Licenses to be installed on the client machines

Sr. No.	Item	Minimum Specification
1	Operating System	Windows 7 Professional Edition
2	Antivirus Client	McAfee / Symantec / Trend Micro (Cloud based)
3	PDF Reader	Adobe Reader 8.0 or Above
4	Office Suite	Microsoft Office 2010/2013 Professional Edition
5	Web Browser	IE 8.0 and above/ Firefox 3.0 and above/ Google Chrome

LAN Setup required

1. Minimum CAT6 UTP cabling for all nodes.
2. Use required number of network switches
3. Server and all client nodes should be connected to a 100 Mbps network.

For Yashwantrao Chavan Maharashtra Open University


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Power Conditioning

1. 2 KVA Online UPS with SMF Batteries in controlled temperature for server rack components
2. Individual UPS for client machines 600 mA
3. DG set for back-up to UPS (Not required if state electricity board express feeder line is installed)

Internet Setup required

Minimum 8 Mbps Broad-Band-Connection OR Leased Line 2 Mbps.

Infrastructure Resources required

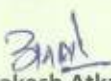
Each 'Student Facilitation Center' located on main as well as each of the sub-campuses of the university that facilitates student interaction and accommodates the required number of computing infrastructure as mentioned above shall have following facilities:

- The University server/ Clients/ LAN infrastructure should be temperature and humidity controlled and secured with an access control system
- UPS, DG set, Power Distribution Network
- Minimum 2 telephone lines (to facilitate call center activity)
- Air conditioning facility (optional) / Ventilation with the help of fans to keep the surrounding cool
- Optimal non-glaring light illumination
- Comfortable seating arrangements
- Ergonomically designed chairs to enable users to work comfortably
- Suitable furniture for installing computers
- Fire alarms and extinguishers installed

Miscellaneous Areas and Facilities

- Staff Room
- Toilets
- Drinking Water Facility (For staff and visiting students)

For Yashwantrao Chavan Maharashtra Open University


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Managing Director & CEO 

Computing Resources required at Study Centers/Schools

Client Machines Hardware Specifications

Sr. No.	Item	Minimum Specification
1	Processor	Intel i3 2 nd Generation or AMD Equivalent
2	Monitor	Color
3	RAM	2 GB
4	Hard Disk	120 GB
5	LAN	100 Mbps
6	Mouse	3 Button Scroll Mouse
7	Keyboard	104 Keys Standard USB/PS2 Keyboard with Number Pad

Number of client machines required

Sr. No.	Number of students registered with the Faculty/College to be facilitated every year	Minimum Quantity required
1	Up to 1000	5
2	More than 1000 and Up to 2000	10
3	More than 2000 and Up to 3000	10
4	More than 3000 and Up to 4000	15
5	More than 4000 and Up to 5000	20

For Yashwantrao Chavan Maharashtra Open University


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Software Licenses to be installed on the client machines

Sr. No.	Item	Minimum Specification
1	Operating System	Windows 7 Professional Edition
2	Antivirus Client	McAfee / Symantec / Trend Micro (Cloud based)
3	PDF Reader	Adobe Reader 8.0 or Above
4	Office Suite	Microsoft Office 2010/2013 Professional Edition
5	Web Browser	IE 8.0 and above/ Firefox 3.0 and above/ Google Chrome

Peripherals required

Sr. No.	Item	Minimum Specification
1	Laser/ Ink Jet Printer	12-15 PPM capacity
2	Scanner	Minimum 300 DPI USB, Flat Bed Color
3	Handheld BAR Code Reader	Any make capable of scanning 1-D barcode from distance of 12 to 15 inches and switching between multiple bar code standards (e.g. Code 128 etc.)
5	Web Cam	USB Web cam
6	Headphone with Microphone	Any
7	Back up device	DVD Writer (Internal / External)

Quantity of Peripherals required

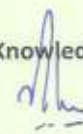
Sr. No.	Number of students registered with the College/ Institute to be facilitated every year	Printer	Scanner	Bar Code Readers	Backup Device
1	Up to 1000	1	1	5	1
2	More than 1000 and up to 2000	1	1	10	1
3	More than 2000 and up to 3000	1	2	10	1
4	More than 3000 and up to 4000	1	2	15	1
5	More than 4000 and up to 5000	2	4	20	1

LAN Setup required

For Yashwantrao Chavan Maharashtra Open University


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4. Minimum CAT6 UTP cabling for all nodes.
5. Use required number of network switches
6. Server and all client nodes should be connected to a 100 Mbps network.

Internet Setup required

Minimum 8 Mbps Broad-Band-Connection OR Leased Line 2 Mbps.

Infrastructure Resources required


Each study center/school that facilitates student interaction and accommodates the required number of computing infrastructure as mentioned above shall have following facilities:

- The College/ Institute server/ Clients/ LAN infrastructure should be temperature and humidity controlled and secured with an access control system
- UPS, DG set, Power Distribution Network
- Minimum 2 telephone lines (to facilitate call center activity)
- Air conditioning facility (optional) / Ventilation with the help of fans to keep the surrounding cool
- Optimal non-glaring light illumination
- Comfortable seating arrangements
- Ergonomically designed chairs to enable users to work comfortably
- Suitable furniture for installing computers

Miscellaneous Areas and Facilities

- Staff Room
- Toilets
- Drinking Water Facility (For staff and visiting students)

For Yashwantrao Chavan Maharashtra Open University


Dr Prakash Atkare
Registrar

For Maharashtra Knowledge Corporation Ltd.


Vivek Sawant
Managing Director & CEO 