U. P. Rajarshi Tandon Open University, Prayagraj
Ordinance Governing The
Master of Computer Application Degree Program In The
School of Computer & Information Science

Programme Objective

The objective is to provide a core level knowledge in computer science that help learners to understand, analyze, manage, and handle the real life information technology problems in workplace. The programme's thrust is on giving the students a thorough and sound background in theoretical and application oriented courses relevant to the latest computer software development. The programme emphasizes the application of software technology to solve mathematical, computing, communications / networking and commercial problems. The program provides job opportunities in the field of software developer, web designer, systems management, etc. The student can work for any big or small IT company in various roles. The curriculum opens new doors of systematic knowledge of the subject to the students.

Introduction to Master of Computer Application Programme
The minimum duration is three years (comprises of six semesters) to complete the postgraduate level program. It is compulsory for every learner to study the 32 Theory/Practical papers of 144 credits including Project Work/Industrial Training and Comprehensive Viva Voce.

Programme Duration (in yrs.): Minimum 3 years   **Maximum:** 6 years
Medium of Instruction: English
Programme Fee /year: As decided by the competent authority time to time.
Minimum Qualification for Admission: Bachelor degree from a recognized University and *possess <u>any one</u> of the following criterion*:
> <u>**Criterion:**</u>
> Mathematics as one of the subject at 10+2 level or graduation level
> <div align="center">OR</div>
> Possesses computer course certificate of minimum 03 months duration

Assignment Work: Essential

Lateral Entry Admission: The candidates completing their PGDCA in the session July 2021 onwards, according to the revised structure of PGDCA effective from July 2020; shall be eligible for lateral entry to the 3rd semester of MCA provided that they qualify the MBA/MCA entrance test for admission in MCA as per the instructions given in the brochure on the university website (www.uprtou.ac.in).

1. Admission
   1.1 Admission to Master of Computer Application first year will be made on the basis of the results obtained in an Entrance Examination, conducted by the U. P. Rajarshi Tandon Open University, Prayagraj or other agency as may be decided by the University/State Government.

1.2 The eligibility condition for admission in Master of Computer Application is that the candidate should pass the Bachelor degree from a recognized University and *possess <u>any one</u> of the following criterion*:

<u>Criterion:</u>

Mathematics as one of the subject at 10+2 level or graduation level

OR

Possesses computer course certificate of minimum 03 months duration

1.3 Lateral Entry Admission: The candidates completing their PGDCA in the session July 2021 onwards, according to the revised structure of PGDCA effective from July 2020; shall be eligible for lateral entry to the 3rd semester of MCA provided that they qualify the MBA/MCA entrance test for admission in MCA as per the instructions given in the brochure on the university website (www.uprtou.ac.in).

2. Curriculum & Scheme of Program

2.1 The three year curriculum shall include, Self Learning, Counseling classes, practical's etc, as decided in scheme and necessary instruction issued from time to time.

2.2 The subjects, distribution of credits and maximum marks for various years and examination shall be as per the syllabi subject to changes by recommendations of respective Board of studies/School Board.

3. Examination & Evaluation

For each subject there shall be one written Terminal Examination. The evaluation of every paper shall be in two parts that is 30% internal through assignments and 70% external through terminal exams.

(a)	**Theory Subjects**	**Max. Mark**s
	Terminal Examination	70
	Assignment	30
	Total	**100**
(b)	**Practical subjects:**	**Max. Marks**
	Terminal Practical Examination	100
(c)	**Comprehensive Viva Voce**	**Max. Marks: 200**

Marks of Terminal Practical Examination shall be awarded as per following scheme:

i.	Write up /theory work	30
ii.	Viva-voice	30
iii.	Execution/Performance/Demonstration	20
iv.	Lab Record	20

4. Criteria for passing a program

The student shall be awarded First Division on securing 60% marks or more, Second division on Securing 48% marks or more, Third division on securing 36% marks or more and result is considered as Incomplete if securing less than 36% marks.

5. Re-registration:

Only for one year just after 6 years of maximum duration is completed.

6. Project Work/Industrial Training:

6.1 Examination & Evaluation: The Project Work/industrial training must be treated as essential part of program and the external examination & evaluation must be done accordingly, preferably by panel consisting of approved examiners (one internal examiner & one external examiner). It is examined & evaluated in 400 marks.

External Examination & Evaluation   **Max. Marks:** 400

6.2 **Guidelines for Project Work/Industrial Training:** Students are undergone for an Project Work/Industrial Training of at least 12 weeks.

6.2.1 The students are required to report at School of Computer & Information Science just after completion of Fourth (IV) semester for the approval of synopsis for Project Work/Industrial Training.

6.2.2 After the due approval of synopsis in Fifth (V) semester, students are required to prepare a synopsis that cover the complete description of the work carried out during the Project Work/ Industrial training. ***The format of synopsis includes but not limited to: feasibility study on the carried work, system design, appropriateness and its application to society.***

6.2.3 The student has to complete the Project Work/Industrial Training during sixth semester and **submit** the Project Work/Industrial training report directly to ***Director, School of Computer & Information Science***.

6.2.4 A fortnightly (every fifteen days) report on the Project Work/training shall be submitted by the students to the School of Computer & Information Science which is duly signed by him/her supervisor of the Project Work/training company/training Institute.

6.2.5 After successful completion of the Project Work/training and obtaining certificate, the report on work is examined and evaluated in VI Semester.

6.3 **Qualification of Report Supervisor:** The report supervisor can be any M.Tech./MCA/M.Sc.(CS) or equivalent qualified person from the industry or academia with sufficient experience in the respective field.

6.4 **Project Work/Industrial Training Report:** In the 6th semester, student has to submit a report on the work he/she carried out during the Project Work/Industrial Training before the due date as specified time to time.

6.5 **Cover Page of Project Work/Industrial Training Report:** The Project Work/Industrial Training Report must contain a covering page mentioning the title of the study, University name & logo, Name and enrollment of the student & Name and organization of the supervisor with their signature.

6.6 **The Project Work/Industrial Training Report must contain following contents:**

1. Cover Page
2. Inner Pages
   - 2.1 Certificate by Company/Industry/Institute
   - 2.2 Declaration by student
   - 2.3 Acknowledgement
3. About Company/Industry/Institute
4. Table of Contents
5. List of Tables
6. List of Figures
7. Abbreviations and Nomenclature (If any)
8. Chapters (***Student can add more chapters as required***)
   - 8.1 Introduction to Project
   - 8.2 Tools & Technology Used
   - 8.3 Snapshots
   - 8.4 Results and Discussions
   - 8.5 Conclusions and Future Scope
9. References
10. Data Sheet(If any)

11. Appendices (If any)

7. Comprehensive Viva Voce: The guidelines for Comprehensive Viva Voce are listed below:

Objective	The objective of comprehensive viva-voce is to assess the overall knowledge of the student in the relevant field of computer application acquired over 3 years of study in the postgraduate program .
Contents	The viva shall normally cover the subjects taught in all the semesters of MCA program.
Learning Outcomes	Viva will be conducted in sixth semester which will be covering the complete syllabus. This will test the student's learning and understanding during the course of their MCA program. In doing so, the main objective of this course is to prepare the students to face interview both in the academic and the industrial sector.
Examination	Every student will be required to undergo comprehensive viva voce at the end of sixth semester of MCA Program. The duration of the viva will range from 10-15min. The external examination & evaluation must be done accordingly, preferably by panel consisting of approved examiners (one internal examiner & one external examiner).

8. Interpretation

If any question arises as to the interpretation of this Regulation, the same shall be decided by the Academic Council. The Academic Council shall have the power to issue clarification to remove any doubt which may arise in regard to implementation of this Regulation.