

PROGRAMME PROJECT REPORT

कार्यक्रम परियोजना विवरण

PG Diploma in Computer Application

School of Science and Technology

VARDHMAN MAHAVEER OPEN UNIVERSITY, KOTA

PG Diploma in Computer Application

THE UNIVERSITY

Vardhman Mahaveer Open University, Kota (earlier Kota Open University, Kota) was established by an Act of the Rajasthan State Legislative Assembly in 1987 with a view to achieve the following objectives:

- Democratizing higher education by taking education to the doorsteps of students.
- Providing access to quality education to all those who seek it, irrespective of age or formal qualification.
- Offering need based academic programmes by giving professional and vocational orientation to the courses.
- Promoting and developing distance education in the State of Rajasthan.

Special Features of the Open and Distance Education System:

- Provision of equal opportunities of admission to people from all walks of life.
- Cost effective educational operations.
- Self instructional printed course material.
- Network of students support services throughout the State of Rajasthan.
- Face to face and distance counselling wherever and whenever needed.
- Continuous evaluation through internal home assignments.
- Provision of term-end examinations.
- Online Admission Process

Academic Programmes

The University offers Certificate, Diploma and Degree programmes. They are launched with a view to fulfil the student needs for :

- Improvement of skills.
- Continuing education and professional development at work place.
- Acquisition of professional qualifications.

- Self-enrichment.
- Diversification of knowledge etc.

Credit System

The University follows the Credit System for its programmes. Each credit amounts to 30 hours of study containing all learning activities. PGDCA-101 to PGDCA-106 courses are 6 credits courses each. Completion of an academic programme (Degree or Diploma) requires successful clearing of both the home assignments and the term end examinations of each course in a programme.

Programme Project Report – PPR

Name of the School: School of Science and Technology

Name of the Programme: PG Diploma in Computer Application

S. N.	Parameter	Details
1	Programme's mission & objectives	● To give elementary and advance knowledge of subjects related to Computer Science. ● To enable learners to get better job in the computer industry. ● To learn web designing which will enable the students to develop their own websites or develop some external websites in a professional way.
2	Relevance of the program with VMOU's Mission and Goals	As per the VMOU's Mission i.e. To promote educational opportunities in Computer with academic excellence. It strives for inclusive growth of relevance society through innovative pedagogy.
3	Admission Eligibility	Bachelor's Degree (Minimum TDC) from any recognized University or its equivalent

4	Instruction 1 Design	Programme Structure : The Programme has the following six courses(Papers). Course <table><tr><th>S.No.</th><th>Name of Course</th><th>Course Code</th><th>Credit</th></tr><tr><td>1.</td><td>Computer Fundamental and System Software</td><td>PGDCA-101</td><td>6</td></tr><tr><td>2.</td><td>Application Software and Web Designing</td><td>PGDCA-102</td><td>6</td></tr><tr><td>3.</td><td>OOPs Programming with C++ and Java</td><td>PGDCA-103</td><td>6</td></tr><tr><td>4.</td><td>Programming in VB and Dot Net</td><td>PGDCA-104</td><td>6</td></tr><tr><td>5.</td><td>Computer Networking and Internet</td><td>PGDCA-105</td><td>6</td></tr><tr><td>6.</td><td>Practical</td><td>PGDCA-106</td><td>6</td></tr></table> PGDCA -106 will have practical examination and rest of all will have theory examination. PGDCA - 106 is composition of PGDCA - 102, PGDCA - 103 and PGDCA -104. अध्ययन पद्धति (Study Pattern) इस विश्वविद्यालय में शिक्षण पद्धति पारंपरिक विश्वविद्यालयों द्वारा अपनाई जा रही कक्षा अध्ययन पद्धति से भिन्न है। खुला विश्वविद्यालय की शिक्षा पद्धति स्व-अधिगम पर आधारित है। यह एक अध्येता-केन्द्रित पद्धति (Learner Centered) है। इस कारण इस पद्धति में विद्यार्थियों पर सक्रिय अध्ययन का उत्तरदायित्व अधिक होता है। स्नातकोत्तर उपाधि, स्नातक उपाधि एवं कुछ अन्य चयनित कार्यक्रमों में सतत् मूल्यांकन की दृष्टि से सत्रीय/आन्तरिक गृह कार्य की व्यवस्था। इससे विद्यार्थियों को निरन्तर अध्ययनरत और अभ्यासरत रहने की प्रेरणा मिलती है। स्व-अध्ययन सामग्री (Self Learning Material): विश्वविद्यालय में पंजीकृत विद्यार्थियों को त्वरित रूप से मुद्रित स्व-अध्ययन सामग्री प्रदान की जाती है। सम्पूर्ण पाठ्यक्रम को विभिन्न इकाइयों में विभाजित किया गया है। प्रत्येक इकाई के प्रारम्भ में इकाई की रूपरेखा दी गयी है जिसमें इकाई के उद्देश्य एवं प्रस्तावना के अतिरिक्त सम्पूर्ण जानकारी छोटे-छोटे एवं शीघ्र समझ में आ सकने वाले अनुच्छेदों में है। इसमें जगह-जगह पर स्वगृह कार्य प्रश्न एवं निर्धारित स्थान पर अभ्यास प्रश्न भी दिये गये हैं, जिससे विद्यार्थी अपनी प्रगति को स्वयं जाँच सकता है। प्रत्येक इकाई के अंत में सारांश, शब्दावली एवं कुछ उपयोगी पुस्तकों की सूची भी दी जाती है। वर्तमान में अध्ययन सामग्री का डिजिटाइजेशन कर ऑनलाइन उपलब्ध करवाया जा रहा है।	S.No.	Name of Course	Course Code	Credit	1.	Computer Fundamental and System Software	PGDCA-101	6	2.	Application Software and Web Designing	PGDCA-102	6	3.	OOPs Programming with C++ and Java	PGDCA-103	6	4.	Programming in VB and Dot Net	PGDCA-104	6	5.	Computer Networking and Internet	PGDCA-105	6	6.	Practical	PGDCA-106	6
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5	Procedure for admissions, curriculum transaction and evaluation	The university invites applications online in July session and January session every year. Admissions are usually completed for July session and January session as per guidelines received from UGC. For this the university issues press releases in major newspapers of Rajasthan state. Admission in PG Diploma in Computer Application program will be allowed twice in a year in July and January Session. Promotee Admission in PG Diploma in Computer Application will be allowed only twice in a year in July and January Session.																												

For online admission, the student can apply through e-Mitra or on the university's website www.v mou.ac.in itself. For admission of all subjects or complete information regarding programs is available in prospectus on university website www.v mou.ac.in.

Duration of the Programme : Minimum 3 years, maximum 8 years

Fee Structure:

Prog Code	Programme	Total Fee	Cour se Fee	Reg . Fee	Developm ent Fee	Practica l Camp Fee	Practica l Exam Fee	Theory Exam Fee	Post al Charges
PGDC A	PG Diploma in Computer Application	13500	9400	100	100	2000	300	1500	100

The examination fee for the first attempt is included in the admission fee.

Evaluation and Examination Pattern:

Although the medium of instruction is English but the students are facilitated to use either English or Hindi as a medium of examination.

Permission letter for the Term End Examination is to be downloaded from the University Website.

Internal /Home Assignment: In each course (paper) Internal Assignment will be of 20 marks. There will be no Internal Assignment in Practical Courses/papers (PGDCA -106). The Internal Assignments shall be submitted to the Concerned Regional/study Centre on or before the date prescribed by the university. The internal/home assignment questions will be English language only.

Term-end Examination (Theory) : On the completion of the prescribed minimum duration for PGDCA i.e. one year; a candidate will be examined by the means of written examination of 3 hours duration in each course (paper). The maximum marks for each course (paper) shall be 80. The Term-end examination (Theory) questions will be in English Language only.

Term End Examination (Practical):

The maximum marks for term end examination of each practical course shall be 100. Minimum 75% attendance in Practical Counseling Camp is mandatory to appear in practical Examination

To pass in Examination, a candidate shall be required to score 36% marks in each course (paper) as well as in aggregate. However, it is compulsory to secure 36% marks in each component i.e. Internal /home Assignment, Term End Examination Theory and Term End Examination Practical separately otherwise he/she may reappear in the next examination after six months to clear the due papers within prescribed maximum duration of that programme.

The marks obtained in internal/home assignment and term end examination shall be shown separately in the marksheet. The successful candidate shall be classified as per the following table-

First Division	60% and above
Second Division	48% and above but below 60%
Pass	36% and above but below 48%

The student can apply for revaluation of examination as per University rules.

Letter Grade Chart for Calculating CGPA/YGPA

लेटर ग्रेड Letter Grade		ग्रेड प्वाइंट Grade Point	समग्र समतुल्य अंक M (100 अंकों में से) Equivalent overall Marks M (out of hundred)
O	Outstanding	10	$90 \leq M \leq 100$
A+	Excellent	9	$80 \leq M < 90$
A	Very Good	8	$70 \leq M < 80$
B+	Good	7	$60 \leq M < 70$
B	Above Average	6	$55 \leq M < 60$
C+	Average	5.5	$50 \leq M < 55$
C	Below Average	5	$45 \leq M < 50$
D+	Marginal	4.5	$40 \leq M < 45$
D	Pass	4	$36 \leq M < 40$
NC	Not Completed	0	$25 \leq M < 36$

		<table><tr><td>E</td><td>Poor</td><td>0</td><td>$10 \leq M < 25$</td></tr><tr><td>H</td><td>Very Poor</td><td>0</td><td>$0 \leq M < 10$</td></tr></table> यदि विद्यार्थी NC, E, H ग्रेड प्राप्त करता है तो उसे NC (Not Completed) माना जायेगा तथा उसे पुनः परीक्षा देनी होगी। निम्नलिखित प्रकार से विद्यार्थी का वार्षिक ग्रेड प्वाइंट औसत (Yearly Grade Point Average (YGPA)) तथा संचयी ग्रेड प्वाइंट औसत (Cumulative Grade Point Average (CGPA)) की गणना की जायेगी। YGPA हेतु विद्यार्थी द्वारा प्राप्त ग्रेड प्वाइंट को उस विषय के क्रेडिट अंक से गुणा करके योग को कुल ग्रेड प्वाइंट से भाग देने पर प्राप्त होगा अर्थात् $YGPA = \sum(C_i \times G_i) / \sum C_i$ जहां पर C_i क्रेडिट अंक हैं तथा G_i उस विषय में विद्यार्थी द्वारा प्राप्त ग्रेड प्वाइंट है। 10 Point स्केल पर CGPA की गणना निम्न सूत्र द्वारा की जायेगी $CGPA = \frac{\text{Cumulative points secured in all passed courses}}{\text{Cumulative earned credits}} = \sum(C_i \times G_i) / \sum C_i$ YGPA तथा CGPA की गणना दशमलव के बाद दो अंको तक की जायेगी।	E	Poor	0	$10 \leq M < 25$	H	Very Poor	0	$0 \leq M < 10$
E	Poor	0	$10 \leq M < 25$							
H	Very Poor	0	$0 \leq M < 10$							
6	Requirement of the laboratory Work	Practical contact camp of 20 counselling days (3 hours per day) will be organized for PGDCA – 106. Minimum 75% attendance in practical contact classes is compulsory in practical contact camp to appear in Practical Examination. Attendance of student in a practical camp will be valid only for that particular practical camp. If student does not attend the practical camp or does not appear in practical exam or does not pass the practical exam, then student has to again appear in practical camp with at least 75% attendance to appear in that practical exam. If student becomes defaulter in exams, he should fill the defaulter form for that exams.								
7	Cost estimate of the programme and the provisions	Cost of preparation of self-learning material (SLM), printing and supply, delivery system is followed as per guidelines of the university. University student Counseling and conducting of examination and evaluation is followed as per guidelines of the university.								
8	Quality assurance	Centre for Internal Quality Assurance (CIQA) is monitoring, improving and enhancing effectiveness of the program. The expected outcome of the programme is								

	mechanism and expected programme outcomes	to develop knowledge and skills so that the learner can get career opportunities in teaching and research.
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Learners may seek the help of the following functionaries from 10.00 AM to 5.00 PM on working days to sort out the problems as indicated below:

- (i) About non-receipt of Study Materials, Assignments etc.
Director (MPD), VMOU, Rawatbhata Road, Kota - 324 021
0744-2797346, 0744-2797349, 0744-2797350
- (ii) About Admission, Fee Receipts, Registration, Change of Regional/Study Centre and postal addresses, etc.
Concerned Regional Centre of VMOU, Kota
- (iii) About Examination Centres, Results, Mark Sheets, Revaluation etc.
Controller of Examinations, VMOU, Rawatbhata Road, Kota - 324 021
0744-2797314, 0744-2797328, 0744-2797324
- (iv) Important Telephone Numbers –
Toll Free No. 1800-180-6166

