Self-Study Report (SSR) - Criterion-1

Information to be submitted by Departments/Directorates/Centres for Each Programme Offered

1	Department/Directorate/Centre/Institute:	Department of Computer Science, North Campus, University of Kashmir
2	Name of the Programme Offered:	MCA, Ph. D
3	Departmental website link of the complete/updated syllabus:	https://northcampus.uok.edu.in/syllabus.aspx?category=computer_science https://cs.uok.edu.in/Main/ViewPage.aspx?Page=PhD_Syllabus
4	Number of Courses in the Programme?	MCA-8 courses/semester offered - 32 courses including project courses (8) credit/semester =24
5A	Number of New Courses introduced in the Programme since 2019?	MCA - 02 1. Multimedia Systems 2. Wireless & Mobile Computing

5B	List of New Courses introduced since 2019:		
	Course Code	*Course Title*	*Brief Description*
	MCA18004CR	Multimedia Systems	MCA (To introduce various aspects of multimedia components like Images, audio, video etc.
	MCA21306DCE	Wireless & Mobile Computing	MCA (The student will be able to understand the basic concepts, working and new trends in mobile/wireless communications networks)

5C	Departmental website link in support of New Courses introduced in the Programme since **2019**.	https://cs.uok.edu.in/Files/79755f07-9550-4aeb-bd6f-5d802d56b46d/Custom/Doc11233.pdf			
6A	Dates of syllabus revisions during the last five years. (2019-2023)	2018	2019	2020	2021
6B	Departmental website link in support of syllabus revisions.	https://cs.uok.edu.in/Files/79755f07-9550-4aeb-bd6f-5d802d56b46d/Custom/BOS%2025-9-2020.pdf https://cs.uok.edu.in/Files/79755f07-9550-4aeb-bd6f-5d802d56b46d/Custom/BOS%20MCA%208th%20Sept%202021.pdf			
7	Are Programme Outcomes (POs) clearly mentioned in the syllabus? (Y/N) Y	https://cs.uok.edu.in/Main/ViewPage.aspx?Page=Programme_Outcome			
8	Are the Course Outcomes (COs) mentioned for each course of the programme? (Y/N) N				

9A	Does POs & COs have relevance to local, regional & global developmental needs? (Y/N) Y	https://cs.uok.edu.in/Files/79755f07-9550-4aeb-bd6f-5d802d56b46d/Menu/Programme_Relevance_a9db5414-ffe1-47c2-bd74-a65248fb1351.pdf

9B — List of courses addressing **Local Needs:**

Course Code	Course Title	Brief Justification
MCA21102CR	Database Systems	Progarmming courses, Database courses and AI courses enable students to fill jobs in local industry. Govt. and other sectors at regional and global levels.
MCA21304CR	Machine Learning	
MCA21202CR	Python	
MCA21205DCE	Web Programming	

9C — List of courses addressing **Regional Needs:**

Course Code	Course Title	Brief Justification
MCA21102CR	Database Systems	Programming courses like C++, JAVA, Python Database Management courses like DBMS. Web Development Courseslike Web Designing. AI and Machine Learning Courses.
MCA21304CR	Machine Learning	
MCA21202CR	Python	
MCA21205DCE	Web Programming	

9D — List of courses addressing **Global Needs:**

Course Code	Course Title	Brief Justification
MCA21102CR	Database Systems	MCA course is inline with academic and industry requirements at global level.
MCA21304CR	Machine Learning	
MCA21202CR	Python	
MCA21205DCE	Web Programming	

10A	Does the Programme offer focus on Employability/ Entrepreneurship/ Skill development courses? (Y/N)		
10B	List of **Employability Courses**:		
	Course Code	*Course Title*	*Brief Justification*
	MCA21102CR	Database Systems	Programming courses like C++, JAVA, Python
	MCA21304CR	Machine Learning	Database Management courses like DBMS.
	MCA21202CR	Python	Web Development Courseslike Web Designing. AI and Machine Learning Courses.
	MCA21205DCE	Web Programming	
10C	List of **Entrepreneurship Development Courses**:		
	Course Code	*Course Title*	*Brief Justification*
	MCA21307DCE	ORGANISATIONAL BEHIOUR	Management Courses like accounting and Management Control and Organisational Behaviour provide self-employment opportunities.
	MCA21401OE	MANAGEMENT INFORMATION SYSTEM	
10D	List of **Skill development Courses**:		
	Course Code	*Course Title*	*Brief Justification*
	MCA21102CR	Database Systems	Programming courses like C++, JAVA, Python
	MCA21304CR	Machine Learning	Database Management courses like DBMS.
	MCA21202CR	Python	Web Development Courseslike Web Designing. AI and Machine Learning Courses.
	MCA21205DCE	Web Programming	

11A	Does the programme have courses addressing Professional ethics/ gender/ human values/ environment/ sustainability & other value framework enshrined in NEP2020/etc. (Y/N)	Y

11B List of courses addressing **Professional Ethics:**

Course Code	Course Title	Brief Justification
MCA21307DCE	ORGANISATIONAL BEHAVIOUR	Management Courses like accounting and Management Control and Organisational Behaviour provide self-employment opportunities.
MCA21401OE	MANAGEMENT INFORMATION SYSTEM	

11C List of courses addressing **Gender Issues:**

Course Code	Course Title	Brief Justification
OE courses	OE courses	Other OE courses address gender/human values/ environment etc.

11D List of courses addressing **Human Value Issues:**

Course Code	Course Title	Brief Justification
OE courses	OE courses	Other OE courses address gender/human values/ environment etc.

11E List of courses addressing **Environment Issues:**

Course Code	Course Title	Brief Justification
OE courses	OE courses	Other OE courses address gender/human values/ environment etc.

11F	List of courses addressing **Sustainability issues**:		
	Course Code	*Course Title*	*Brief Justification*

11G	List of courses addressing **Other Value Framework** enshrined **in NEP2020/etc.**:		
	Course Code	*Course Title*	*Brief Justification*

12A	**Does the Department/Directorate/Institute/ Centre offer Diploma Programme?** (Y/N)	

12B	Details of the **Diploma Programmes** offered by the institutions where the students of the institution have enrolled and successfully completed during the last five years (2019-2023)								
	Programme Code	*Name of Diploma Programme*	*Mode of Programme (Online/Offline)*	*Year of Offering/en rolment*	*Contact hours of course*	*Number of students enrolled in the year*	*Number of Students completing the course in the year*	*Departmental website link to the relevant document*	*Number of students enrolled in the year*

13A	Does the Department/Directorate/Institute/ Centre offer Certificate Courses? (Y/N) N								

13B	Details of the **Certificate Courses** offered by the institutions where the students of the institution have enrolled and successfully completed during the last five years (2019-2023)								
	Course Code	Name of Certificate Course	Mode of Course (Online/Offline)	Year of Offering/en rolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year	Departmental website link to the relevant document	Number of students enrolled in the year

14A	Does the Department/Directorate/Institute/ Centre offer Value-Added Courses? (Y/N) N								

14B	Details of the **Value Added Courses** offered by the institutions where the students of the institution have enrolled and successfully completed during the last five years (2019-2023)								
	Course Code	Name of Value-Added Course	Mode of Course (Online/Offline)	Year of Offering/en rolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year	Departmental website link to the relevant document	Number of students enrolled in the year

15A	Does the Department/Directorate/Institute/ Centre offer Online Courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms? (Y/N)	N

15B	Details of **Online Courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms** where the students of the institution have enrolled and successfully completed during the last five years (2019-2023)								
	Course Code	Name of the Course	Mode of the Course- offered by the HEI or Online (Specify the platform like MOOCS, SWAYAM, etc.)	Year of Offering/en rolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year	Departmental website link to the relevant document	Number of students enrolled in the year

16A	**Does the programme have Field Projects/ Research Projects /Internship in the programme? (Y/N) Y**
16B	Details of components of **Field Projects / Research Projects / Internships** implemented during last five years **(2019-2023)**

Course Code	Name of the course pertaining to field projects/ Research Projects /Internship	Number of Credits	Number of students undertaking course	Departmental website link to the relevant document
MCA21401CR	Project Problem Identification	4		
MCA21402CR	Project Problem Analysis	4		https://northcampus.uok.edu.in/notices/20230707102126344.pdf
MCA21403CR	Project Dissertation	6		
MCA21404DCE	Project In-Home Software Development	4	40	https://northcampus.uok.edu.in/notices/20231024201343243.pdf
MCA21405DCE	Project - In-Home Research Component	4		
MCA21406DCE	Project Industrial Software Development	4		https://northcampus.uok.edu.in/notices/20231124102058690.pdf
MCA21407DCE	Project Industrial Research Component	4		

17	**Any other Relevant Information:**

Signature of the Head/Director of the Department/Centre/Institute