



## P.K.R. ARTS COLLEGE FOR WOMEN

(An Autonomous Institution-Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade  
Gobichettipalayam – 638 476, Erode District, Tamil Nadu, India Website:  
www.pkrarts.org |E.mail: pkroffice@gmail.com | Phone: 04285 - 222128

NAAC  
2<sup>nd</sup> Cycle  
Criterion I  
Metric 1.1.1

### Courses focus on Global, National, Regional and Local Needs Academic Year: 2021-2022

Year of Syllabus Revision	Programme	Code	Title of the Course	Need				Description
				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP20	Digital Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2019-2020	M.Sc CS	19CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2019-2020	M.Sc CS	19PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2019-2020	M.Sc CS	19CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			Maximize the efficiency of decision making and planning. Provide efficient means for data distribution and handling. Complex analysis/queries is involving geographical reference data to generate new information.



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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP05	Algorithm and OOPS Practical			✓	✓	This course provides hand on experience of Algorithm and OOPs concepts
2019-2020	M.Sc CS	19CSP06	Networking Practical			✓	✓	This course provides hand on experience on using TCP Sockets.
2019-2020	M.Sc CS	19CSP10	Cloud Computing			✓	✓	To understand the Cloud computing architectures, applications and challenges
2019-2020	M.Sc CS	19CSP12A	Internet of Things			✓	✓	Explain in a concise manner how the general Internet as well as Internet of Things works. Understand constraints and opportunities of wireless and mobile networks for Internet of Things
2019-2020	M.Sc CS	19CSP12B	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2019-2020	M.Sc CS	19CSP13	Dot net Programming Practical			✓	✓	This course provides hand on experience on .NET Programming
2019-2020	M.Sc CS	19CSP14	PHP & MySQL Programming - Practical			✓	✓	This course provides knowledge necessary to design and develop dynamic, database-driven Web pages
2019-2020	M.Sc CS	19SEP01	Cyber Security			✓	✓	To understand the basics of cyber security and the security threats in day-to-day activities.
2019-2020	M.Sc CS	19CSP19	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts
2019-2020	M.Sc CS	19CSP19C	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.



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2019-2020	M.Sc CS	19CSP05	Algorithm and OOPS Practical			✓	✓	This course provides hand on experience of Algorithm and OOPs concepts
2019-2020	M.Sc CS	19CSP06	Networking Practical			✓	✓	This course provides hand on experience on using TCP Sockets.
2019-2020	M.Sc CS	19CSP10	Cloud Computing			✓	✓	To understand the Cloud computing architectures, applications and challenges
2019-2020	M.Sc CS	19CSP12A	Internet of Things			✓	✓	Explain in a concise manner how the general Internet as well as Internet of Things works. Understand constraints and opportunities of wireless and mobile networks for Internet of Things
2019-2020	M.Sc CS	19CSP12B	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2019-2020	M.Sc CS	19CSP13	Dot net Programming Practical			✓	✓	This course provides hand on experience on .NET Programming
2019-2020	M.Sc CS	19CSP14	PHP & MySQL Programming - Practical			✓	✓	This course provides knowledge necessary to design and develop dynamic, database-driven Web pages
2019-2020	M.Sc CS	19SEP01	Cyber Security			✓	✓	To understand the basics of cyber security and the security threats in day-to-day activities.
2019-2020	M.Sc CS	19CSP19	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts
2019-2020	M.Sc CS	19CSP19C	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.



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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP20	Digital Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2019-2020	M.Sc CS	19CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2019-2020	M.Sc CS	19PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2019-2020	M.Sc CS	19CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			Maximize the efficiency of decision making and planning. Provide efficient means for data distribution and handling. Complex analysis/queries is involving geographical reference data to generate new information.



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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP20	Digital Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2019-2020	M.Sc CS	19CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2019-2020	M.Sc CS	19PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2019-2020	M.Sc CS	19CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			Maximize the efficiency of decision making and planning. Provide efficient means for data distribution and handling. Complex analysis/queries is involving geographical reference data to generate new information.

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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP05	Algorithm and OOPS Practical			✓	✓	This course provides hand on experience of Algorithm and OOPs concepts
2019-2020	M.Sc CS	19CSP06	Networking Practical			✓	✓	This course provides hand on experience on using TCP Sockets.
2019-2020	M.Sc CS	19CSP10	Cloud Computing			✓	✓	To understand the Cloud computing architectures, applications and challenges
2019-2020	M.Sc CS	19CSP12A	Internet of Things			✓	✓	Explain in a concise manner how the general Internet as well as Internet of Things works. Understand constraints and opportunities of wireless and mobile networks for Internet of Things
2019-2020	M.Sc CS	19CSP12B	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2019-2020	M.Sc CS	19CSP13	Dot net Programming Practical			✓	✓	This course provides hand on experience on .NET Programming
2019-2020	M.Sc CS	19CSP14	PHP & MySQL Programming - Practical			✓	✓	This course provides knowledge necessary to design and develop dynamic, database-driven Web pages
2019-2020	M.Sc CS	19SEP01	Cyber Security			✓	✓	To understand the basics of cyber security and the security threats in day-to-day activities.
2019-2020	M.Sc CS	19CSP19	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts
2019-2020	M.Sc CS	19CSP19C	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.



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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP20	Digital Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2019-2020	M.Sc CS	19CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2019-2020	M.Sc CS	19PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2019-2020	M.Sc CS	19CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			Maximize the efficiency of decision making and planning. Provide efficient means for data distribution and handling. Complex analysis/queries is involving geographical reference data to generate new information.



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				Local	Regional	National	Global	
2019-2020	M.Sc CS	19CSP20	Digital Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2019-2020	M.Sc CS	19CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2019-2020	M.Sc CS	19PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2019-2020	M.Sc CS	19CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			Maximize the efficiency of decision making and planning. Provide efficient means for data distribution and handling. Complex analysis/queries is involving geographical reference data to generate new information.

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### Courses focus on Global, National, Regional and Local Needs Academic Year: 2018-19

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				Local	Regional	National	Global	
2018-2019	M.Sc CS	18CSP05	Algorithm and OOPS Practical			✓	✓	This course provides hand on experience of Algorithm and OOPs concepts
2018-2019	M.Sc CS	18CSP06	Networking Practical			✓	✓	This course provides hand on experience on using TCP Sockets.
2018-2019	M.Sc CS	18CSP09	PHP & MySQL Programming			✓	✓	Gain the PHP programming skills needed to successfully build interactive, data-driven sites.
2018-2019	M.Sc CS	18CSP10	Cloud Computing			✓	✓	To understand the Cloud computing architectures, applications and challenges
2018-2019	M.Sc CS	18CSP12A	Internet of Things			✓	✓	Explain in a concise manner how the general Internet as well as Internet of Things work. Understand constraints and opportunities of wireless and mobile networks for Internet of Things
2018-2019	M.Sc CS	18CSP12B	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2018-2019	M.Sc CS	18CSP12C	Artificial Intelligence & Expert Systems			✓	✓	To enriched knowledge regarding heuristic search and to emphasis knowledge representation in Expert systems
2018-2019	M.Sc CS	18CSP13	Dot net Programming Practical			✓	✓	This course provides hand on experience on .NET Programming
2018-2019	M.Sc CS	18CSP14	PHP & MySQL Programming - Practical			✓	✓	This course provides knowledge necessary to design and develop dynamic, database-driven Web pages
2018-2019	M.Sc CS	18SEP01	Cyber Security			✓	✓	To understand the basics of cyber security and the security threats in day-to-day activities.



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				Local	Regional	National	Global	
2018-2019	M.Sc CS	18CSP18	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts
2018-2019	M.Sc CS	18CSP19C	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.
2018-2019	M.Sc CS	18CSP20	Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2018-2019	M.Sc CS	18CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2018-2019	M.Sc CS	18PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2018-2019	M.Sc CS	18CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			To develop the skills in utilization of technologies of remote sensing, GIS, GPS, etc. in Land Resource Analysis and planning for sustainable development, soil, forest, ecology and agricultural resources management and studies



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				Local	Regional	National	Global	
2018-2019	M.Sc CS	18CSP18	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts
2018-2019	M.Sc CS	18CSP19C	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.
2018-2019	M.Sc CS	18CSP20	Image Processing using Matlab Practical			✓	✓	This course provides hand on experience of using MATLAB in image processing
2018-2019	M.Sc CS	18CSP21	J2EE Practical			✓	✓	This course provides hand on experience of implementing J2EE technologies.
2018-2019	M.Sc CS	18PEPCS1	Multimedia Systems			✓	✓	To expose students to understand the various concepts of compression methods, hardware and software used in multimedia and to get familiar with the various file formats used in multimedia
2018-2019	M.Sc CS	18CSP19A	GIS for Agriculture and Natural Resource Management	✓	✓			To develop the skills in utilization of technologies of remote sensing, GIS, GPS, etc. in Land Resource Analysis and planning for sustainable development, soil, forest, ecology and agricultural resources management and studies

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				Local	Regional	National	Global	
2017-2018	M.Sc CS	17CSP09	Artificial Intelligence & Expert Systems			✓	✓	To enriched knowledge regarding heuristic search and to emphasis knowledge representation in Expert systems
2017-2018	M.Sc CS	17CSP11B	Cloud Computing			✓	✓	To understood the Cloud computing architectures, applications and challenges
2017-2018	M.Sc CS	17CSP11C	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2017-2018	M.Sc CS	17CSP12	Dot net Programming Practical			✓	✓	To enable the students to learn about .NET Programming
2017-2018	M.Sc CS	17SEP01	Cyber Security			✓	✓	To understand the basics of cyber security and the security threats in day-to-day activities
2017-2018	M.Sc CS	17CSP16	Research Methodology			✓	✓	To expose the students with the principles, procedures and techniques of research methodology and assist in planning, carrying and implementing a research project.
2017-2018	M.Sc CS	17CSP18A	Bio-Informatics			✓	✓	To learn fundamentals of bio-informatics, its concepts, methods and tools
2017-2018	M.Sc CS	17CSP18C	Corporate Culture & Communication			✓	✓	To learn about the corporate culture and the business communication concepts



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2017-2018	M.Sc CS	17CSP19	Image Processing using Matlab Practical			✓	✓	To enable the students to design and implement their own imaging solutions using
2017-2018	M.Sc CS	17CSP20	J2EE Practical			✓	✓	To enable the students to work with JDBC, Servlets, JSP and EJB

### Courses focus on Global, National, Regional and Local Needs Academic Year: 2017-2018

Year of Syllabus Revision	Programme	Code	Title of the Course	Need				Description
				Local	Regional	National	Global	
2017-2018	M.Sc CS	17CSP13	Networking Practical	✓	✓			To enable the students to learn about the usage of TCP Sockets



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2017-2018	M.Sc CS	17CSP13	Networking Practical	✓	✓			To enable the students to learn about the usage of TCP Sockets

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