



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
2nd 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	
2021-2022	B.Sc IT	21ITU06	Programming in Java –Practical			✓	✓	To understand the basic programming constructs of Java Language.
2021-2022	B.Sc IT	21ITU11	Web Technology – Practical			✓	✓	To enable the students to learn the concepts of web technologies
2021-2022	B.Sc IT	21AEU01	Information Security			✓	✓	To learn about the basics of Information Security.
2021-2022	B.Sc IT	21ITU15	SQL and PL/SQL - Practical			✓	✓	This course covers the conception creation of relational databases, storing, retrieving, Updating and displaying data using Structured Query Language (SQL) integrated into Stored Procedures, Functions, Packages and Triggers (PL/SQL Programming).It is designed to provide hands-on experience to create database-level applications using Oracle SQL and PL/SQL.
2021-2022	B.Sc IT	21SEITU01	Programming in PHP –Practical			✓	✓	To enable the students to develop web based application using PHP
2021-2022	B.Sc IT	21ITU19	Programming in Python - Practical			✓	✓	The Paper offers the understanding of basic principles in python and skills to create computer programs for small scale usage
2021-2022	B.Sc IT	21ITU24	Mobile Computing			✓	✓	To understand the mobile computing applications, techniques and its environment
2021-2022	B.Sc IT	21ITU26	Programming in VB.NET - Practical			✓	✓	To enable the students to learn about the .NET Framework and VB.NET programming.
2021-2022	B.Sc IT	21ITU27A	Big data Analytics			✓	✓	To enable the students to learn the concepts of Big Data Analytics.
2021-2022	B.Sc IT	21ITU27B	Network Security			✓	✓	To provide grounding in basic and advanced techniques in network security and its effective algorithms



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Year of Syllabus Revision	Programme	Code	Title of the Course	Need				Description
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2021-2022	B.Sc IT	21ITU27C	Informatics			✓	✓	To understand the basics of Informatics.
2021-2022	B.Sc IT	21ITU28A	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence.
2021-2022	B.Sc IT	21ITU28C	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user
2021-2022	B.Sc IT	21SEITU03	Digital Marketing			✓	✓	To create a structured digital marketing plan and budget, Identify the correct measures to set objectives and evaluate digital marketing, Review and prioritize the strategic options for boosting customer acquisition, conversion, and retention using digital marketing.
2021-2022	B.Sc IT	21PEITU01	Case Tools	✓	✓			To learn about the concepts of Case Tools Concepts and its Applications.
2021-2022	B.Sc IT	21ITU27C	Informatics			✓	✓	To understand the basics of Informatics.



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2021-2022	B.Sc IT	21ITU27C	Informatics			✓	✓	To understand the basics of Informatics.
2021-2022	B.Sc IT	21ITU28A	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence.
2021-2022	B.Sc IT	21ITU28C	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user
2021-2022	B.Sc IT	21SEITU03	Digital Marketing			✓	✓	To create a structured digital marketing plan and budget, Identify the correct measures to set objectives and evaluate digital marketing, Review and prioritize the strategic options for boosting customer acquisition, conversion, and retention using digital marketing.
2021-2022	B.Sc IT	21PEITU01	Case Tools	✓	✓			To learn about the concepts of Case Tools Concepts and its Applications.
2021-2022	B.Sc IT	21ITU27C	Informatics			✓	✓	To understand the basics of Informatics.

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Year of Syllabus Revision	Programme	Code	Title of the Course	Need				Description
				Local	Regional	National	Global	
2020-2021	B.Sc IT	20ITU08	Programming in HTML- Practical			✓	✓	To enable the students to develop HTML web page
2020-2021	B.Sc IT	20ITU11	Internet of Things			✓	✓	This course gives an overview of basic concepts of building an IoT system and its application in various fields.
2020-2021	B.Sc IT	20ITU13	Programming in Java – Practical			✓	✓	Enable to create wide range of Applications and Applets using Java.
2020-2021	B.Sc IT	20ITU19	Operating System - Practical			✓	✓	To enable the students to gain skills in Operating system and Linux shell programming
2020-2021	B.Sc IT	20ITU20	Customer Relationship Management			✓	✓	To enable the students to learn the basics of Customer Relationship Management
2020-2021	B.Sc IT	20SEUIT01	Programming in PHP – Practical			✓	✓	To enable the students to develop web based application
2020-2021	B.Sc IT	20ITU24	Programming in Python and Oracle- Practical			✓	✓	To enable the students to develop applications using python and develop queries and PL/SQL programming using oracle.
2020-2021	B.Sc IT	20ITU26A	Data Mining			✓	✓	To learn about Data Mining and its techniques.
2020-2021	B.Sc IT	20ITU26B	Animation Techniques			✓	✓	To understand the basic concepts of animation and Flash.
2020-2021	B.Sc IT	20ITU26C	Cloud Computing Techniques			✓	✓	To learn about cloud computing technologies, functions and its uses



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Year of Syllabus Revision	Programme	Code	Title of the Course	Need				Description
				Local	Regional	National	Global	
2020-2021	B.Sc IT	20ITU28	Research Methodology			✓	✓	To enhance the ethical conduct of research and to gain basic knowledge on research methodologies.
2020-2021	B.Sc IT	20ITU30	Programming in VB.NET - Practical			✓	✓	This course provides hands on experience on VB.NET Programming and Oracle
2020-2021	B.Sc IT	20ITU31A	Big data Analytics			✓	✓	To provide grounding in basic and advanced methods to big data technology and tools, including MapReduce and Hadoop and its ecosystem
2020-2021	B.Sc IT	20ITU31B	Mobile Computing Techniques			✓	✓	To understand mobile computing applications, techniques and environment
2020-2021	B.Sc IT	20ITU31C	Block chain Technology			✓	✓	To gain fundamental knowledge of blockchain and its related concepts and technologies.
2020-2021	B.Sc IT	20ITU32A	Graphics and Multimedia			✓	✓	To learn about reconstruction and visualization framework and to give introduction on basic algorithms and its techniques.
2020-2021	B.Sc IT	20ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2020-2021	B.Sc IT	20ITU32C	Web Services			✓	✓	To learn about the web services technologies
2020-2021	B.Sc IT	20SEUIT03	Programming in 3Ds Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2020-2021	B.Sc IT	20AEU02	Consumer Rights	✓	✓			This paper seeks to familiarize the students with their rights and responsibilities as a consumer, the social framework of consumer rights and legal framework of protecting consumer rights



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				Local	Regional	National	Global	
2020-2021	B.Sc IT	20ITU28	Research Methodology			✓	✓	To enhance the ethical conduct of research and to gain basic knowledge on research methodologies.
2020-2021	B.Sc IT	20ITU30	Programming in VB.NET - Practical			✓	✓	This course provides hands on experience on VB.NET Programming and Oracle
2020-2021	B.Sc IT	20ITU31A	Big data Analytics			✓	✓	To provide grounding in basic and advanced methods to big data technology and tools, including MapReduce and Hadoop and its ecosystem
2020-2021	B.Sc IT	20ITU31B	Mobile Computing Techniques			✓	✓	To understand mobile computing applications, techniques and environment
2020-2021	B.Sc IT	20ITU31C	Block chain Technology			✓	✓	To gain fundamental knowledge of blockchain and its related concepts and technologies.
2020-2021	B.Sc IT	20ITU32A	Graphics and Multimedia			✓	✓	To learn about reconstruction and visualization framework and to give introduction on basic algorithms and its techniques.
2020-2021	B.Sc IT	20ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2020-2021	B.Sc IT	20ITU32C	Web Services			✓	✓	To learn about the web services technologies
2020-2021	B.Sc IT	20SEUIT03	Programming in 3Ds Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2020-2021	B.Sc IT	20AEU02	Consumer Rights	✓	✓			This paper seeks to familiarize the students with their rights and responsibilities as a consumer, the social framework of consumer rights and legal framework of protecting consumer rights

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2019-2020	B.Sc IT	19ITU08	Programming in HTML- Practical			✓	✓	This course provide complete knowledge in HTML
2019-2020	B.Sc IT	19ITU11	Internet of Things			✓	✓	To learn about the basics of Internet of Things and their applications
2019-2020	B.Sc IT	19ITU13	Programming in Java – Practical			✓	✓	This course provides hands on experience on Java Programming
2019-2020	B.Sc IT	19ITU19	Operating System - Practical			✓	✓	This course provides programming knowledge in advanced Operating System
2019-2020	B.Sc IT	19SEUIT2	Programming in PHP -Practical			✓	✓	This course provides programming skills in PHP
2019-2020	B.Sc IT	19ITU24	Programming in Python and Oracle - Practical			✓	✓	This course provide complete knowledge in Python and Oracle
2019-2020	B.Sc IT	19ITU26B	Animation Techniques			✓	✓	To understand the basic concepts of animation and Flash.
2019-2020	B.Sc IT	19SEUIT3	R Tool-Practical			✓	✓	This course provides hand on experience to Data Mining Using R.
2019-2020	B.Sc IT	19ITU28	Research Methodology			✓	✓	To enhance the ethical conduct of research and to learn about its techniques
2019-2020	B.Sc IT	19ITU30	Programming in VB.Net - Practical			✓	✓	This course provides hands on experience on VB.NET Programming and Oracle



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2019-2020	B.Sc IT	19ITU31A	Cloud Computing Techniques			✓	✓	To learn about cloud computing technologies, functions and its uses
2019-2020	B.Sc IT	19ITU31B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2019-2020	B.Sc IT	19ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2019-2020	B.Sc IT	19SEUIT4	Programming in 3D Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2019-2020	B.Sc IT	19ITU26C	Introduction and Role of ICT in Agriculture	✓	✓			To acquaint the students with scope of information and communications technology in agriculture, networking and communication media
2019-2020	B.Sc IT	19ITU31C	E-Agriculture	✓	✓			To enhance the ethical conduct of ICT involving human subjects requires a balancing of Agriculture interests in protecting the rights of subjects in developing knowledge that can benefit the subject or society as a whole



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2019-2020	B.Sc IT	19ITU31A	Cloud Computing Techniques			✓	✓	To learn about cloud computing technologies, functions and its uses
2019-2020	B.Sc IT	19ITU31B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2019-2020	B.Sc IT	19ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2019-2020	B.Sc IT	19SEUIT4	Programming in 3D Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2019-2020	B.Sc IT	19ITU26C	Introduction and Role of ICT in Agriculture	✓	✓			To acquaint the students with scope of information and communications technology in agriculture, networking and communication media
2019-2020	B.Sc IT	19ITU31C	E-Agriculture	✓	✓			To enhance the ethical conduct of ICT involving human subjects requires a balancing of Agriculture interests in protecting the rights of subjects in developing knowledge that can benefit the subject or society as a whole

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				Local	Regional	National	Global	
2018-2019	B.Sc IT	18ITU08	Programming in HTML- Practical			✓	✓	This course provide complete knowledge in HTML
2018-2019	B.Sc IT	18ITU13	Programming in Java – Practical			✓	✓	This course provides hands on experience on Java Programming
2018-2019	B.Sc IT	18ITU19	Programming in Linux - Practical			✓	✓	This course provides programming knowledge in Linux
2018-2019	B.Sc IT	18SEUIT2	Programming in PHP with symfony-Practical			✓	✓	This course provides programming skills in PHP
2018-2019	B.Sc IT	18ITU24	Programming in Python and Oracle - Practical			✓	✓	This course provide complete knowledge in Python and Oracle
2018-2019	B.Sc IT	18ITU26B	Animation Techniques			✓	✓	To understand the basic concepts of animation and Flash.
2018-2019	B.Sc IT	18SEUIT3	R Tool-Practical			✓	✓	This course provides hand on experience to Data Mining Using R.
2018-2019	B.Sc IT	18ITU28	Research Methodology			✓	✓	To enhance the ethical conduct of research and to learn about its techniques
2018-2019	B.Sc IT	18ITU30	Programming in VB.Net - Practical			✓	✓	This course provides hands on experience on VB.NET Programming and Oracle
2018-2019	B.Sc IT	18ITU31A	Network Security			✓	✓	To provide grounding in basic and advanced methods in network security and its effective algorithms



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2018-2019	B.Sc IT	18ITU31B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2018-2019	B.Sc IT	18ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2018-2019	B.Sc IT	18ITU32C	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence and expert systems.
2018-2019	B.Sc IT	18SEUIT4	Programming in 3D Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2018-2019	B.Sc IT	18ITU26C	Introduction and Role of ICT in Agriculture	✓	✓			To acquaint the students with scope of information and communications technology in agriculture, networking and communication media
2018-2019	B.Sc IT	18ITU31C	E-Agriculture	✓	✓			To enhance the ethical conduct of ICT involving human subjects requires a balancing of Agriculture interests in protecting the rights of subjects in developing knowledge that can benefit the subject or society as a whole



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2018-2019	B.Sc IT	18ITU31B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2018-2019	B.Sc IT	18ITU32B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements
2018-2019	B.Sc IT	18ITU32C	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence and expert systems.
2018-2019	B.Sc IT	18SEUIT4	Programming in 3D Max - Practical			✓	✓	This course provides hands on experience on 3D Max Programming
2018-2019	B.Sc IT	18ITU26C	Introduction and Role of ICT in Agriculture	✓	✓			To acquaint the students with scope of information and communications technology in agriculture, networking and communication media
2018-2019	B.Sc IT	18ITU31C	E-Agriculture	✓	✓			To enhance the ethical conduct of ICT involving human subjects requires a balancing of Agriculture interests in protecting the rights of subjects in developing knowledge that can benefit the subject or society as a whole

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2017-2018	B.Sc IT	17ITU07	Programming in HTML- Practical			✓	✓	To enable the students to develop HTML web page
2017-2018	B.Sc IT	17ITU11	Programming in Java – Practical			✓	✓	Enable to create wide range of Applications and Applets using Java.
2017-2018	B.Sc IT	17ITU17	Programming in Linux - Practical			✓	✓	To impart basic accounting knowledge
2017-2018	B.Sc IT	17SEUIT2	R Tool - Practical			✓	✓	Candidates pursuing this course will be aligned with the current market job requirements in data analytics
2017-2018	B.Sc IT	17ITU22	Programming in VB.Net and Oracle - Practical			✓	✓	To enable the students to work effectively with VB.NET and Oracle
2017-2018	B.Sc IT	17ITU24A	E-Learning			✓	✓	To understand the basic concepts of E-Learning and its tools.
2017-2018	B.Sc IT	17ITU24B	Animation Techniques			✓	✓	To understand the basic concepts of animation and Flash.
2017-2018	B.Sc IT	17ITU24C	Business Intelligence			✓	✓	To understand the basic concepts of Business Intelligence and Data mining
2017-2018	B.Sc IT	17SEUIT3	FLASH-Practical			✓	✓	To enable the students to create animation, game, video and movie
2017-2018	B.Sc IT	17ITU26	Research Methodology			✓	✓	To enhance the ethical conduct of research and to learn about its techniques



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2017-2018	B.Sc IT	17ITU28	Programming in 3D Max- Practical			✓	✓	To enable the students to equip them with graphics and multimedia skills
2017-2018	B.Sc IT	17ITU29A	Network Security			✓	✓	To provide grounding in basic and advanced methods in network security and its effective algorithms
2017-2018	B.Sc IT	17ITU29B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2017-2018	B.Sc IT	17ITU30A	Neural Networks			✓	✓	To learn about the concepts of biological Neural Network, Artificial neural network and its applications.
2017-2018	B.Sc IT	17ITU30B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2017-2018	B.Sc IT	17ITU30C	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence and expert systems.
2017-2018	B.Sc IT	17SEUIT4	Software Testing - Practical	✓	✓			To enable the students to equip them with testing the software after development phase.



P.K.R. ARTS COLLEGE FOR WOMEN

(An Autonomous Institution-Affiliated to Bharathiar University, Coimbatore)
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NAAC
2nd Cycle
Criterion I
Metric 1.1.1

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	B.Sc IT	17ITU28	Programming in 3D Max-Practical			✓	✓	To enable the students to equip them with graphics and multimedia skills
2017-2018	B.Sc IT	17ITU29A	Network Security			✓	✓	To provide grounding in basic and advanced methods in network security and its effective algorithms
2017-2018	B.Sc IT	17ITU29B	Mobile Computing Techniques			✓	✓	To learn about the mobile computing basics and advanced techniques.
2017-2018	B.Sc IT	17ITU30A	Neural Networks			✓	✓	To learn about the concepts of biological Neural Network, Artificial neural network and its applications.
2017-2018	B.Sc IT	17ITU30B	Green Computing			✓	✓	To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.
2017-2018	B.Sc IT	17ITU30C	Artificial Intelligence			✓	✓	To learn about the concepts of artificial intelligence and expert systems.
2017-2018	B.Sc IT	17SEUIT4	Software Testing - Practical	✓	✓			To enable the students to equip them with testing the software after development phase.

P. M. S. R.

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