Sadakathullah Appa College

*An Autonomous Institution, Re-Accredited by NAAC at an 'A' Grade, *ISO 9001 : 2015 Certified*

AQAR

(2020 – 2021)

CRITERION I

CURRICULAR ASPECTS

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during 2020-2021

(Institutional Data Template)

Submitted to

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

Sadakathullah Appa College

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1.2.1 Percentage of new courses introduced of the total number of courses across all programmes offered during 2020-2021

Prose, Poetry and Grammar - 1	18ULEN11	Skill Development - This course sheds light on more about English grammar along with prose pieces and poetry.	2018-2019
English for Communication	18ULEC11		2018-2019
Short Stories	18UCEN11		2018-2019
Prose, Poetry and Grammar - lI	18ULEN21		2018-2019
History of English Literature	18UAEN31		2018-2019
Journalism	18UEEN3B	Employability - The students learn journalistic skills and the course provides employment opportunities.	2018-2019
Fiction II	18UEEN4B		2018-2019
Drama	18UCEN51		2018-2019
Shakespeare	18UCEN52		2018-2019
American Literature	18UCEN53		2018-2019
Indian Writing in English	18UCEN54		2018-2019
Literary Critics	18UEEN5A		2018-2019
Procedures of Translating	18USEN51	Skill Development/ Employability - It enables students to learn the procedures of translating from Tamil into English and vice versa. The aspirants could become translators.	2018-2019
Fiction I	18UCEN61		2018-2019
Post Colonial Literature	18UCEN62		2018-2019
Language Literature and Culture	18UCEN63		2018-2019
Women Writing in English	18UEEN6A		2018-2019

Writing a Thesis	18UEEN6B		2018-2019
Techniques of Translation	18USEN61	Skill development/ Employability - It enables students to learn the techniques of translating from Tamil into English and vice versa. The aspirants could become translators.	2018-2019
History of Tirunelveli	18UCHS12		2018-2019
History of Russia (1682-1917AD)	18UEHS3B		2018-2019
History of India (1757-1857 AD)	18UCHS41	Help to prepare for competretive examinations like UPSC and TNPSC	2018-2019
Women Studies in India	18UEHS4B		2018-2019
Freedom Movement in India (1858A.D. – 1947 A.D)	18UCHS51		2018-2019
Historiography	18UEHS5A		2018-2019
History of the Russia (1917 AD-1964AD)	18UEHS5B		2018-2019
Field Work	18UFHS51		2018-2019
Epigraphy	18USHS51		2018-2019
History of Arabs (632 A.D – 750 A.D)	18UCHS62		2018-2019
Issue in Contemporary world	18UEHS6B		2018-2019
Research Methodology in History	18USHS61	Develop knowledge,skill and aptitude in Historical research.	2018-2019
Fuzzy Mathematics	18UEMA4B		2018-2019
Electricity, Electromagnetism and Electromagnetic Theory	18UCPH31		2018-2019
Radiation Safety	18UEPH3B		2018-2019
Laser and its Applications	18UCPH41	Employability -learning the principles of lasers and applications with the basic knowledge of optics ensure them an opportunity in the field of Lasers	2018-2019
Mathematical Physics	18UEPH4B		2018-2019

Applied Physics	18UNPH41		2018-2019
Microprocessor and Programming	18UEPH5B		2018-2019
Solid State Physics	18UCPH62		2018-2019
Allied Chemsitry - I	18UACH31		2018-2019
Allied Chemistry - II	18UACH41		2018-2019
Dairy Chemistry	18UECH4B	Employability - provides higher vocational education for employability in diary processing industries	2018-2019
Industrial Chemistry	18USCH51	Skill development and Employability - training about the technology development in different chemical industries	2018-2019
Instrumental methods of Analysis	18UECH6A	Skill development and employability - provides professional education for employability	2018-2019
Food Chemistry	18UECH6B	Employability - gain the skills for the preservation of food products	2018-2019
Pharmaceutical Chemistry	18USCH61	Employability - develop the knowledge about drug metabolism and treatment	2018-2019
Allied- Plant Diversity & Plant Pathology	18UABT31		2018-2019
Plant Diversity and plant pathology practical	18UABT3P1	Skill Development - acquire skills for identification of plant and plant diseases	2018-2019
Plant Resources and their utilization	18UNBT31	Skill development - develop the knowledge on economic botany and how the plants are related to societies.	2018-2019
Mushroom Culture	18UEBT4A	Entrepreneurship- skill to develop the knowledge on mushroom cultivation .	2018-2019

organic farming	18UEBT4B	Employability -Develop the knowledge related to organic farming	2018-2019
Plant Anatomy, Plant Function and Plant Biotechnology	18UABT41	Skill Development -Acquire skills about the integrative plant anatomy ,physiology and Biotechnology	2018-2019
Plant Anatomy, Plant Function and Plant Biotechnology practical	18UABT4P1	Skill Deveolopment -develop abilities to setup Plant Anatomy, Plant Function and Plant Biotechnology practical	2018-2019
Health and Fitness	18UNAN41	Employability - Focusing Employability and multiple career oriented skills	2018-2019
Food Safety and Quality Control	18USAN51		2018-2019
Public Health	18UEAN3B	Skill development- Acquire skill towards the welfare on human health .	2018-2019
XML Programming	18UECS3B	Employability - Apply the concept of creating the web page using XML in recent trend	2018-2019
Web Design Practical	18UECS3PA	Employability - Apply the concept of creating the web page in recent trend	2018-2019
XML Programming Practical	18UECS3PB	concept of creating the web page using XML in recent trend	2018-2019
PHP Practical	18UCCS4P1	Employability - Apply the concept of creating the dynamic web page using server side scripting language	2018-2019
Python Programming	18UACS41	concept of creating the dynamic web page in recent trend	2018-2019
Python Programming Practical	18UACS4P1	Employability - Apply the concept of creating the dynamic web page in recent trend	2018-2019

Subject	Code	Focus	Year
ANDROID Programming	18UECS5B	Employability - Apply the concept of creating an own android application in recent trend	2018-2019
ANDROID Programming Practical	18UECS5PB	Employability - Apply the concept of creating an own android application in recent trend	2018-2019
Mobile Communications	18USCS51		2018-2019
Internet of Things	18USCS61	Employability - Create an own android application using the specified language	2018-2019
Company Law	18UCCO43		2018-2019
Office Management	18UECO3A	Skill Development - to impart the knowledge about secretarial practice.	2018-2019
International Business	18UECO3B	Employability - gain knowledge on international institutions involved in promotion	2018-2019
Entrepreneurship	18UECO5A	Entrepreneur - to motivate for a carrer in enterpreunship	2018-2019
Retail Management	18UECO5B	Entrepreneur - to explore the functionalities in the retail management	2018-2019
Field Work	18UFCO51		2018-2019
ADIPADAI TAMIL ILAKANAM	18UCTA11		2018-2019
BAKTHI ILAKIYAMUM SITRILAKIYAMUM	18UCTA22		2018-2019
ILAKIYA KOTPPADUHAL	18UETA3A		2018-2019

MENTHIRAN VALARTHAL	18UETA3B	Employability-Unit - 3 ULAVIYAL ARIMUGAM,THANITHIRAN VALARPPU,MANITHA VALATHTHIN AATTAL,PORUPPUKAL Unit - 1 PEACHU THIRAN,URAIYAADAL THIRAN,Unit - 5 ANAITHTHUM	2018-2019
KATTURAI THAAZH	18UNTA31	Employability-Unit - 3 AAYVU KATTURAIKAL,THIRANA AIVU KATTURAIKAL	2018-2019
OODAKA TAMIL	18UETA4A	Employability-Unit - 4 SEITHIGAL EZHUTHUM MURAI Unit - 3 PANPALAI	2018-2019
OPPILAKKIYA ARIMUGAM	18UETA4B		2018-2019
AKARATHIK KALAYUM AATCHITH THAMIZHUM	18UCTA53		2018-2019
ARIVIYAL TAMIL	18UETA5A		2018-2019
KAVIN KALAIHAL	18UETA5B		2018-2019
KULANTHAI ILAKKIYAM	18USTA51		2018-2019
ARA ILAKKIYAM	18UCTA61		2018-2019
THADAM PATHIHTHA TAMIL PADAIPALARGAL	18UCTA62		2018-2019
PADAIPPU KALAI	18UETA6B		2018-2019
SANGA ILAKKIYAM	18UCTA52		2018-2019
Prose I	18UCAR12	Skill development -The course focuses and teaches the students advanced level of Arabic grammar.	2018-2019
History of the Prophets - 1	18UAAR11		2018-2019
Prose-II	18UCAR22		2018-2019
History of the Prophets-II	18UAAR21		2018-2019

Course	Code	Description	Year
Applied Grammar and Translation-III	18ULAR31	Skill development development The course focuses on language skills such as listening, speaking, reading and writing and the advanced Arabic grammar	2018-2019
Grammar - III	18UCAR31	Skill development -The course focuses and teaches the students advanced level of Arabic grammar.	2018-2019
History of Arabic Literature-I	18UAAR31		2018-2019
History of Arabic Literature-II	18UAAR41		2018-2019
Commercial Arabic	18UEAR3B		2018-2019
Functional Arabic - I	18UNAR31		2018-2019
Letter writing in Arabic	18UEAR4B		2018-2019
Functional Arabic - II	18UNAR41		2018-2019
Tafseer Literature	18UCAR51		2018-2019
Hadeeth Literature	18UCAR52		2018-2019
History of Modern Arabic Literature	18UCAR54		2018-2019
Classical & Modern Poetry	18UEAR5A		2018-2019
Internet & HTML	18UEAR5B		2018-2019
Field Work	18UFAR51		2018-2019
Essay writing in Arabic	18USAR51		2018-2019
Special Author	18UEAR6A		2018-2019
Indo Arabic Literature	18UEAR6B		2018-2019
Communication Skill	18USAR61		2018-2019
Allied- Plant Doversity & Plant Pathology	18UABT31	Skill Development - Development of skills towards the diversity of plants and plant diseases	2018-2019
Plant Diversity and plant pathology practical	18UABT3P1	Skill Development - acquire skills for identification of plant and plant diseases	2018-2019

plant Resources and their utilization	18UNBT31	Skill development - develop the knowledge on economic botany and how the plants are related to societies.	2018-2019
Mushroom Culture	18UEBT4A	Entrepreneurship- skill to develop the knowledge on mushroom cultivation .	2018-2019
organic farming	18UEBT4B	Employability -Develop the knowledge related to organic farming	2018-2019
Plant Anatomy, Plant Function and Plant Biotechnology	18UABT41	Skill Development -Acquire skills about the integrative plant anatomy ,physiology and Biotechnology.	2018-2019
Plant Anatomy, Plant Function and Plant Biotechnology practical	18UABT4P1	Skill Development-develop abilities to setup Plant Anatomy, Plant Function and Plant Biotechnology practical	2018-2019
Public Health	18UEAN3B	Skill development- Acquire skill towards the welfare on human health .	2018-2019
Retail Management	18PECO1A	knowledge on international institutions involved in promotion of global business	2018-2019
History of USA 1860 A.D-2002 A.D	18PEHS1B		2018-2019
Archives keeping	18PEHS2A	To deveolp skill to related to collection ,preservation and maintanace of Archiieval Documents	2018-2019
Indian Architecture	18PEHS3A	Help to prepare TNPSC,UPSC,NET, SET and other competitve Examinations	2018-2019
History of Latin America1500A.D-1960A.D	18PEHS3B		2018-2019
Research Methodology	18PEHS4A	To familarise the theories and pracises of Historical writing	2018-2019
Entrepreneurship and Small Business	18PCCO14	Entrepreneur - To motivate students	2018-2019
Retail Management	18PECO1A	Employability - gain knowledge on international institutions involved in	2018-2019

Subject	Code	Focus	Year
VB.Net	18UEIT3A	Skill development - Learn the basic concept of web site application	2018-2019
VB.Net Practical	18UEIT3PA		2018-2019
Micro processor Practical	18UEIT3PB		2018-2019
Internet of Things	18UCIT43	Skill Development - build an application program interface automation(API Automation)	2018-2019
PYTHON programming	18UEIT4A	Employability - Data Scientist,Web Developer	2018-2019
Active Server page	18UEIT4B	Skill Development - knowledge of Model View Controller (MVC),Understanding the	2018-2019
PYTHON programmingPractical	18UEIT4PA	Employability - Data Scientist,Web Developer	2018-2019
Active Server Pages Practical	18UEIT4PB	Skill Development - Proficiency in webservices,A knack for Analytical thinking	2018-2019
Artificial Intelligence	18UCIT53	Employability - Develop decision making and human interacting computer	2018-2019
J2EE Programming	18UEIT5B	Employability - J2EE Developer	2018-2019
J2EEProgramming Practical	18UEIT5PB	Employability - Application Architecture Designer	2018-2019
Mobile Application development Practical	18UCIT6P1	Employability - APP Designer	2018-2019
Data Mining	18UEIT6A		2018-2019
Virtual Reality	18UEIT6B	Skill Development –Exposure to digitalization trends.	2018-2019
Virtual Reality Practical	18UEIT6PB	Skill Development – Creating video editing , 3D Modelling	2018-2019
Java Script	18USIT61	Employability - Java Script Developer	2018-2019

XML PROGRAMMING	18UECA3A	Skill development:can able to develop webpages	2018-2019
XML PROGRAMMING PRACTICAL	18UECA3PA	Employability learn to develop real time applications	2018-2019
INTRODUCTION TO PHOTO EDITING	18UNCA31	Employability: able to learn editing, designing, graphics, and creation of images.	2018-2019
RDBMS WITH ORACLE	18UACA41	Skill development - it creates a Career path/Goal such as SQL Developer(Software Engineer), DBA , Data Analyst, Data Engineer,Business Analyst….) learning advanced PL/SQL techniques is used to build and maintain database structures and query language	2018-2019
RDBMS WITH ORACLE PRACTICAL	18UACA4P1	Skill development: Students will be able to engage with Database Foundations, Database Design and Programming with SQL, Programming with PL/SQL, and Oracle Application Express—Application Development	2018-2019
ASP.NET PRACTICAL	18UCCA4P1	Skill development: Students can able develop web applications.	2018-2019
PYTHON PROGRAMMING	18UCCA52	Employability: can be used in web development and app development .	2018-2019
MOBILE COMPUTING	18UCCA53	Employability: This has enabled users to work from anywhere as long as there is a connection established.	2018-2019
MONGODB PROGRAMMING	18UECA5A	Skill Development: learn how to run queries against a MongoDB instance in order to store, manipulate, and retrieve data on it.	2018-2019

MONGODB PROGRAMMING PRACTICAL	18UECA5PA	Skill development: learn the concepts of data modeling, ingestion, query, sharding, and data replication with MongoDB.	2018-2019
ADVANCED JAVA PROGRAMMING	18UCCA61	Skill development: : To make the students design an enterprise based applications by encapsulating an application's business logic	2018-2019
SOFTWARE PROJECT MANAGEMENT	18UCCA62		2018-2019
CORE ANDROID APPLICATION	18UECA6B	Employability: Develop students' knowledge on applications of basic graphical primitives on the screen.	2018-2019
ADVANCED JAVA PROGRAMMING PRACTICAL	18UCCA6P1	Employability- Equip the students with the advanced feature of contemporary java which would enable them to handle complex programs relating to managing data and processes over the network	2018-2019
CORE ANDROID APPLICATION PRACTICAL	18UECA6PB	Employability: Develop students' knowledge on applications of basic graphical primitives on the screen.	2018-2019
DIGITAL MARKETING	18USCA61	Skill development- understanding of the various new medias such as; social media, mobile technology, web analytics, search engine optimization, viral advertising.	2018-2019
Aquatic Microbiology	18UAMB11	Skill Development The course develops skills on the microbiological analysis of water and gives an opportunity	2018-2019
Techniques in Aquatic Microbiology	18UAMB1P1	Skill Development/Employability The course develops skills on the microbiological analysis of	2018-2019

Medical Lab Technology	18UEMB3A	Employability- The course gives job opportunity in medical laboratory	2018-2019
Bioinstrumentation	18UAMB31		2018-2019
Techniques in bioinstrumentation	18UAMB3P1	Skill Development-The course focuses on the devlopment of skills on the characterization and analysis of biomolecules.	2018-2019
Vermiculture and Mushroom technology	18SEMB31		2018-2019
Cell and Molecular biology	18UCMB41		2018-2019
Plant Science	18UEMB4B		2018-2019
Pharmaceutical Microbiology	18UAMB41	Employability The course provides skills to analysis pharmaceutical products and job opportunity in pharmaceutical field	2018-2019
Techniques in Cell and Molecular biology	18UCMB4P1	Skill Development/Employability	2018-2019
Techniques in Pharmaceutical Microbiology	18UAMB4P1	Skill Development/Employability The course provides skills to analysis pharmaceutical	2018-2019
Aquaculture and Apiculture	18SEMB41	Entrepreneurship The course provokes interest to make aquafarm	2018-2019
Genetic Engineering	18UEMB5A	Skill Development- cloning process	2018-2019
Food processing &quality control	18SEMB51	Employability- The course gives job opportunity infood industry	2018-2019
Basic Dietetics	18SEMB61		2018-2019
Introduction to Food and Nutrition	18UNND31		2018-2019
Health and Fitness	18UNND41		2018-2019
Sports Nutrition	18USND51		2018-2019
Extension Education in Home Science	18USND61		2018-2019
Fundamental of Investment	18UECF3B		2018-2019

		Employability and skill development - to gain the practical skills in marketing	2018-2019
Principles of Marketing	18UECF4A		
Indian stock Exchange	18UECF4B		2018-2019
Basics in Accounting	18UNCF41	Employability - accountant	2018-2019
International Finance	18UECF5A		2018-2019
Corporate Finance	18UECF5B		2018-2019
FinancialServices	18UEBA5A	Employability-The Garduates acquire knowledge about financial serivices available in the market.	2018-2019
BusinessEnvironment	18UEBA6A	Entrepreneurship-The Graduates acquiring knowledge about the environmental factors that affect an organization.	2018-2019
Personality Development	18USPD62	Skill development	2018-2019
GLOBAL LITERATURE	18PCEN13		2018-2019
AMERICAN AND AFRICAN LITERATURE	18PCEN14		2018-2019
TRAVEL LITERATURE	18PCEN1A		2018-2019
SOFT SKILLS	18PEEN1B	one of the essential skills of the 21st century that every student should be thorough with the to compete in the job market)	2018-2019
DIASPORIC LITERATURE	18PCEN22		2018-2019
LITERARY CRITICISM AND THEORY – I	18PCEN23		2018-2019
ECO LITERATURE	18PEEN2A		2018-2019
CREATIVE WRITING	18PIEN21		2018-2019
INDO-ENGLISH FICTION	18PCEN43		2018-2019
JOURNALISM AND MEDIA STUDIES	18PEEN4B	Entrepreneurship(This paper is handy that students become employable)	2018-2019

Subject	Code	Description	Year
Discrete Mathematics	18UEMA4B	Employability-We introduce discrete mathematics for the purpose of research scholars to develop their ideas in graph Theory.	2018-2019
Numerical Analysis	18PEMA2B	Analysis are commonly used for solving mathematical problems that are formulated in Science and Engineering	2018-2019
Differential Geometry	18PEMA3A	Employability-Differential geometry concepts are applied in computers where it help the software to render visual images on the screen. This	2018-2019
Analytical Number Theory	18PEMA3B		2018-2019
Advanced Discrete Mathematics	18PIMA21	Mathematics is used for computer run software Networking (i.e., connecting cities with Roads, Google	2018-2019
Numerical and Statistical Method	18PIMA31	Statistical Method are commonly used for solving mathematical problems that are formulated in Science and	2018-2019
Nanoscience	18PEPH1B		2018-2019
Numerical Methods	18PEPH2B		2018-2019
Non linear dynamics	18PEPH3A		2018-2019
Crystal growth and thin films	18PEPH3B		2018-2019
Research methodology	18PCPH42	Skill Development - develop skills in Research Tools , and to enhance the research	2018-2019
Digital Electronics	18PIPH21	Entrepreneurship - Understanding more about various energy sources and	2018-2019
Chromatography	18PECH1A	Entrepreneurship-Know the theory of separation using different chromatographic techniques	2018-2019
Applied Chemistry	18PECH2A	Employability- Know the processes involved in different industries	2018-2019

Medicinal Chemistry	18PECH4A	Employability - Drugs and its activity	2018-2019
Green Chemistry Practical	18PCCH4P2	Skill development- Acqiure skills on environment friendly pathways	2018-2019
Industrail Chemistry	18PICH21	Entrepreneurship- Knowledge about utilities and processes of various industries	2018-2019
Introduction to Cheminformatics	18PICH31	Entrepreneurship- Concept of molecular descriptors and chemical data bases	2018-2019
Vermiculture	18PEZO1B	Employability - understand the production techniques , develop employment and Entrepreneurship	2018-2019
Nanobiotechnology	18PEZO2A		2018-2019
Mushroom Culture	18PIZO21	skill development - development of skills towards employability and Entrepreneurship	2018-2019
Poultry and Dairy Science	18PIZO31	Employability enhance the knowledge of poultry rearing and dairy field and also provide Entrepreneurship	2018-2019
Linux Programming	18PCCS12	Employability (Linux Administrator)	2018-2019
Python Programming	18PCCS13	Employability (Web Developer)	2018-2019
Ad-Hoc and Sensor Networks	18PECS1B		2018-2019
Linux Programming Lab	18PCCS1P1	Skill development (Linux Administrator)	2018-2019
Python Programming Lab	18PCCS1P2	Skill development (Web Developer)	2018-2019
Open Source Technology	18PCCS21	Entrepreneurship (Program Development)	2018-2019

Internet of Things	18PCCS23	Employability (IoT Engineer)	2018-2019
Security Practices	18PECS2A	Employability (Security Consultant, Security Controller)	2018-2019
Cyber Security	18PECS2B	Employability (Security Consultant)	2018-2019
Open Source Technology Lab	18PCCS2P1	Skill development (Web Developer)	2018-2019
Advanced Database Management System Lab	18PCCS2P2	Skill development (Database Analyst)	2018-2019
Software Testing	18PCCS32	Entrepreneurship (Software Testing Analyst)	2018-2019
Big Data Analytics	18PCCS41	Entrepreneurship (Big Data Analyst, Data Architect , Data Consultant)	2018-2019
Social Computing	18PECS3B		2018-2019
Big Data Analytics	18PCCS41	Employability (Robotic Developer ,Machine Learning Engineer, Artificial Intelligence Data Analyst)	2018-2019
Artificial Intelligence	18PECS4A	Skill development (Project Manager, Frentend Developer, Human Factor Engineer)	2018-2019
Human Computer Interaction	18PECS4B	Skill development (Big Data Analyst, Data Architect, Data Engineer)	2018-2019
Big Data Analytics Lab	18PECS4P1	Develop knowledge and skill in the profession of Epigraphy	2018-2019
FUNDAMENTALS OF INDIAN EPIGRAPHY	18MEHS1C	Develop knowledge and skill in the profession of Archaeology	2018-2019
PRINCIPLES AND METHODS OF ARCHAEOLOGY	18MEHS1D	Entrepreneurial - To understand how companies adjust their international marketing strategies based on globalisation	2018-2019

		Skill Development To help the stiudents for HRM practices in practical management of companies	
Advanced Marketig Management	18MECO1A	Skill Development To help the stiudents for HRM practices in practical management of companies	2018-2019
Human Resource Management	18MECO1C	Entrepreneur and skill development - to gain the skills regarding mange the financial services	2018-2019
Advanced Banking and Financial Services	18MECO1D		2018-2019
Ultrasonic studies	18MEPH1C		2018-2019
Non linear dynamics	18MEPH1D	Employability (Data Analyst)	2018-2019
Machine Learning Techniques	18MCCS12		2018-2019
C)Deep Learning	18MECS1C		2018-2019
Big Data Analytics	18MECS1D	Skill Development – This course helps students learn English by means of demonstrating such as filling up forms, writing letters etc.	2018-2019

Principal