

A.D.M. COLLEGE FOR WOMEN

(Autonomous) Affiliated to Bharathidasan University (Nationally Accredited with "A" Grade by NAAC – 3rd Cycle) NAGAPATTINAM 611 001.



NEW COURSES INTRODUCED

2021-2022



DEPARTMENT	SUBJECT	CORE COURSE /	TITLE OF	JUSTIFICATION
	CODE	ALLIED/MBE/	THE PAPER	
		SKILL BASED		
		PAPER		
History	HUA2	Allied Course II	AC II – Modern Governments II	Introduced with the aim of teaching practical knowledge on different constitutions and Governments
	НИН	Core Course VIII	History of Europefrom 1453 CE – 1789CE	To highlight the capture of Constantinople and geographical discoveries.
	HUS2	Skill Based Elective II	Tour Operator andFront Office Management	To train theStudents to becomeTourist guide , Tour Operator and Receptionist.
	VH2	Value Added Course	Introduction To CivilService	To enable the Students for appearing Competitive Examinations .
Economics	EUN	CC- Core Course – XIV	Tourism Economics	To learn the students the importance of Tourism in Modern times.
	EUH	CC - Core Course VIII	Energy	To enable the students to

			Economics	understand the
				classification and
				importance of
				Energy Resources.
			Economics of	To learn the role of
	PGEE4	Election Courses		
	PGEE4	Elective Course	Infrastructure	infrastructure in
				Economic
			-	Development
		Extra credit Course	Economic of	To enable the
			Insurance	students to
				understand the life
				insurance and health
				insurance
		Extra credit Course	Women	To understand the
			Empowerment-	various government
			1	schemes and
				institutional support
				to promote women
				empowerment
Commerce	CUE1	NME I	Elements of	In tune with
			Insurance	Government Policy of
				insurance for all, a
				paper on Elements of
				Insurance is offered
				to students of other
				major. This paper
				throws an insight on
				various types of
				Agents and
				Regulations of an
				Agent. This paper
				will create
				employable skill as
				cinpioyable skill as

				insurance agents and
				other functionalities.
	CHE2		Doulting	
	CUE2	NME I	Banking	To equip the
			Practices	students of other
				discipline, to know
				about the new trends
				in banking practice, a
				new course on
				"Banking Practices"
				was introduced as
				Non-Major elective.
	PGCK	CC - Core	Advanced Cost	To impart advance
		Course XI	Accounting	knowledge on cost
				accounting, a new
				course on "Advanced
				Cost Accounting" to
				the M.Com. Students
				with the Methods
				and Techniques of
				costing in the
				syllabus.
Mathematics	PGME4	Elective Course IV	Advanced	To write algorithms,
			Operations	analyze the problem
			Research	on decision theory
				and game theory, and
				to apply the OR
				techniques in various
				fields.
	PGMM	CC - Core	Advanced	To acquire the
		Course XIII	Probability	knowledge about the
			Theory	advance concepts of
				Probability theory.
				robubility theory.

	MUS3	Skill BasedElective III	Documentation	To understand the
			in Latex	latest documentation
				software.
Chemistry	PGQG	CC - Core	Physical	To acquire
		Course V	Methods in	knowledge about
			Chemistry -I	Applications of
				spectroscopy.
	PGQM	CC - Core	Physical	To acquire
		Course V	Methods in	knowledge about
			Chemistry -II	Applications of
				spectroscopy.
Zoology		Extra credit course	Semester-I:	To create awareness
			Community	on community
			Medicine-I	medicine
		Extra credit course	Semester-II:	To create awareness
			Community	on community
			Medicine-II.	medicine
		Skill Initiative	Semester- III:	To motivate interest
		Programme	Multidisciplinar	in Research
			y paper	
		Skill Initiative	Semester- IV:	To motivate interest
		Programme	Group	in Research
			project/Interns	
			hip Training	
		Value Added	Semester-V:	To became an
		Certificate course	Aquarium Fish	Entrepreneur
			Keeping	
		Value Added	Semester-VI:	To became an
		Certificate course	Sea Food	Entrepreneur
			Preparation	
	ZUD	CC - Core	Semester III :	95% of cell Biology
		Course III	Cell and	and 5% Molecular
			Molecular	Biology basic only

Microbiology about the various diseases, morphology, classification and application of various microorganisms				Diala	included Cr. (1
Into Cell Into Cell Biology ZUS1 Skill BasedElective Semester III : SBE-I To make the uniformity of the sylabus in our shifted to Semester-IV ZUS2 Skill BasedElective IV Semester SBE-II Poultry To make the uniformity of the sylabus in our college ZUS2 Skill BasedElective IV Semester SBE-II Poultry To make the uniformity of the sylabus in our college ZUS3 MBE Paper changed into SBE and vice versa SBE - Skill Based Elective III - Biotechnology Being the zoology student most of the content was animal based Biochemistry BUE4 Major Based Elective II General More than 90% of the content was Application oriented to zoology based. Biochemistry BUE4 Major Based Elective II Extra Credit Course - I General Microbiology To get knowledge about the various diseases, morphology, classification and application of various microorganisms					
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Management role as an emergency					microorganisms
			Extra Credit Course - I	First Aid	To Understand their
				Management	role as an emergency
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		Extra Credit Course - I	Nutrition and	To develop the Skill
			Dietetics	in apply the concept
				of nutritional foods
				and status for good
				health
			Laboratory	To get advance
		Value Added Course - I	Safety Rules	knowledge about
				laboratory safety and
				Rules.
		Value Added Course	Home care	To acquire the
		(Multidisciplinary	Management	knowledge about the
		courses)-II		advance concepts of
				home management
				and managerial
				effectiveness
B.Sc., Computer	XUD		Object Oriented	Data structures can
science			Programming	certainly implement
			using C++with	using OOP, and it
			Data structures	might make your
				code more readable,
				but they can all be
				implemented using
				plain old structural
				programming.
	XUEY		Data structures	Data structures is an
	AULI			
			using C++ Lab	-
				subject of computer
				science curriculum,
				and hands-on
				laboratory
				experience is critical
				to the understanding
				of theoretical

			concepts , The
			programming
			exercises in C++ are
			designed to
			demonstrate the
			applicability of
			Object Oriented
			programming
			concepts to problem
			solving.
		Computer	Computer literacy is
		Literacy	considered a very
			important skill to
			possess. Employers
			want their workers
			to have basic
			computer
			skills because their
			company becomes
			ever more dependent
			on computers. Many
			employers try to use
			computers to help
			run their company
			faster and cheaper.
XUS1Y		R-Programming	R is a programming
		Lab	language for
			statistical computing
			and graphics that you
			can use to clean,
			analyze, and graph
			your data. It is widely
			used by researchers
			from diverse

	[dissiplines
		disciplines to
		estimate and display
		results and by
		teachers of statistics
		and research
		methods.
XUS1Y	Software	Software design
	Designing Tools	documents not
		only help others
		understand your
		system and provide
		documentation for
		future projects, but it
		also forces you to
		think through the
		entire system
		architecture. This
		ensures you go
		through every
		possible roadblock or
		challenge you might
		face, thereby
		exposing all gaps in
		your thinking.
XUS1Y	Job oriented	AWS enables you to
10011	Course-Amazon	select the operating
	web services	
	WED SEI VICES	system,
		programming
		language, web
		application platform,
		database, and other
		services you need.
		With AWS, you

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Image: solution of the solution of the solution requires. Image: solution requires. Online Course NPTEL aims to MOOC MODC partner NPTEL) mutually beneficial manner by offering courses to train the fresher's in the companies and to cross-skill and up-skill the existing workforce. All NPTEL Skill the existing workforce. All NPTEL Million of the existing workforce all NPTEL online courses to train the fresher's in the companies and to cross-skill and up-skill the existing workforce. All NPTEL Million of the existing workforce all NPTEL online courses are SWAYAM courses to NPTEL delivers only engineering content while SWAYAM covers a wide section of educational contents like Photography, Videography etc. XUE4 Artificial Intelligence The widespread use of Al may not only reduce the role of humans in the production process,			
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			humans in the
it may also reduce			production process,
			it may also reduce

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			investment costs.
			Moreover, the
			increasing use of AI,
			particularly in the
			context of the AI-
			driven Internet of
			Things, is giving rise
			to new innovation
			strategies of firms.
	Self-Paced Learning	Wireless	Wireless
	(SPL)	Communication	communication
			basically involves
			exchanging data over
			long or short
			distances using
			wireless technologies
			and devices that use
			wireless signals,
			instead of cable or
			wires. The
			technology is cost-
			effective, compared
			to cable networks
			which involve huge
			infrastructural
			outlays.
	Self-Paced Learning	Cloud	Developing in the
	(SPL)	Computing	cloud enables users
			to get their
			applications to
			market quickly.
			Hardware failures do
			not result in data loss
			because of

			networked backups.
			Cloud computing
			uses remote
			resources, saving
			organizations the
			cost of servers and
			other equipment.
	Skill Based Course	Data	Data
		Visualization	visualization allows
		Tools	business users to
			gain insight into their
			vast amounts of data.
			It benefits them to
			recognize new
			patterns and errors
			in the data. Making
			sense of these
			patterns helps the
			users pay attention
			to areas that indicate
			red flags or progress.
			This process, in turn,
			drives the business
			ahead.

	Skill Based Course	Software	Software testing
		Testing Tools	tools are often
			used to assure
			firmness,
			thoroughness and
			performance in
			testing software
			products. Unit testing
			and subsequent
			integration testing
			can be performed by
			software testing
			tools. These tools are
			used to fulfill all the
			requirements of
			planned testing
			activities.
-	Skill Based Course	Multimedia Lab	Multimedia learning
			is that it takes
			advantage of the
			brain's ability to
			make connections
			make connections between verbal and
			between verbal and
			between verbal and visual
			between verbal and visual representations of
			between verbal and visual representations of content, leading to a
			between verbal and visual representations of content, leading to a deeper
			between verbal and visual representations of content, leading to a deeper understanding,
			between verbal and visual representations of content, leading to a deeper understanding, which in turn
			between verbal and visual representations of content, leading to a deeper understanding, which in turn supports the transfer
	Skill Based Course	Internet with	between verbal and visual representations of content, leading to a deeper understanding, which in turn supports the transfer of learning to other

			, <u>, , ,</u> ,
			when developing
			web sites and web
			applications. It is
			reliable, fast, easy to
			use, free and widely
			known.
			ASP.NET gives you
			full control of your
			development and can
			be used on any
			project, big or small.
		Web	Web technology
		Technology	refers to the means
			by which computers
			communicate with
			each other using
			markup languages
			and multimedia
			packages. It gives us
			a way to interact
			with hosted
			information, like
			websites. Web
			technology involves
			the use of hypertext
			markup language
			(HTML) and
			cascading style
			sheets (CSS).
XUS2Y	Skill Based Elective	Web	Bioinformatics
		Technology and	applications
		Bio Informatics	is effective for
		Lab	generating the vast
			quantity of inputs.
			•

			The name simulation
			is computation
			especially for
			developing
			algorithms and
			software's,
			constructing
			database and
			curation, and
			analyzing the
			sequence, functions,
			and structures.
		Python	Python language is
		Programming	one of the most
			accessible
			programming
			languages available
			because it has
			simplified syntax and
			not complicated,
			which gives more
			emphasis on natural
			language. Due to its
			ease of learning and
			usage, python codes
			can be easily written
			and executed much
			faster than other
			programming
VIINIV		Death and a stable	languages.
XUNY	CORE COURSE XIV	Python and Bio	Python is a widely
		Informatics Lab	used general-
			purpose, high-level
			programming

		language in
		bioinformatics
		field. Its design
		6
		philosophy
		emphasizes code
		readability, and its
		syntax allows
		programmers to
		express concepts in
		fewer lines of code
		than would be
		possible in languages
		such as C++ or Java.
	Web Graphics	Graphics should
		help to guide the
		viewers' focus to the
		important content on
		the page. Using
		visually strong
		graphic elements on
		a page can be useful
		in directing viewers'
		attention and
		providing structure
		for the page.
	Distributed	
		-
	Technologies	is to make it easy for
		users (and
		applications) to
		access and share
		remote resources.
		Resources can be
		virtually anything,
		but typical examples

		include peripherals,
		storage facilities,
		data, files, services,
		and networks, to
		name just a few.
	Mobile	Mobile
	Communication	Communication is
		the use of technology
		that allows us to
		communicate with
		others in different
		locations without the
		use of any physical
		connection (wires or
		cables). Mobile
		communication make
		s our life easier, and
		it saves time and
		effort.
	Big Data &	Big data analytics is
	Analytics	the complete process
		of examining large
		sets of data through
		varied tools and
		processes in order to
		discover unknown
		patterns, hidden
	Cyber Security	Cyber Security is
		important because it
		protects you or your
		company from
		potential cyber
		advancement of

				tachnology has left
				technology has left
				many people
				vulnerable to
				cybercriminal
				activities, such as
				hacking, data theft
				and damage, and
				industrial espionage.
			Client Server	Client/server
			Computing	computing is more
				and more important
				for the most basic of
				reasons: it offers
				increased speed,
				control, and
				efficiency in data
				management.
		Value Added Course	Multimedia	Premiere Pro is
			Technology I	the industry-leading
				video editing
				software for film, TV
				and the web. Creative
				tools and integration
				with other apps and
				services helps you
				craft footage into
				polished films and
				videos.
		Value Added Course	Multimedia	Desktop publishing
			Technology II	software is
				important because it
				increases
				productivity, helps in
				enhancing the
1			1	cimaneing the

	1			C
				appearance of all
				produced
				documents,
				minimized the
				production cost, easy
				customization of all
				kinds of projects, and
				also in a way to
				manage the
				presentation as well
				as its content.
M.Sc., Computer	PGXA	CORE COURSE- I	Database and	NoSQL
science			NOSQL	database provides
				much more flexibility
				when it comes to
				handling data. There
				is no requirement to
				specify the schema to
				start working with
				the application. Also,
				the NoSQL database
				doesn't put a
				restriction on the
				types of data you can
				store together. It
				allows you to add
				more new types as
				your needs change.
	PGXEY	CORE COURSE- V	Mongo DB Lab	More than any other
				No SQL database, and
				dramatically more
				than any relational
				database, Mongo
				DB's document-
				uocuiieiit-

		oriented data model
		makes it
		exceptionally easy to
		add or change fields,
		among other things.
		So if a developer
		needs to quickly
		evolve an
		application, Mongo
		DB's flexible data
		model facilitates this.
	Online Course	NPTEL aims to
	МООС	partner with
	(Swayam,	organizations in a
	NPTEL)	mutually beneficial
		manner by offering
		courses to train the
		freshers in the
		companies and to
		cross-skill and up-
		skill the existing
		workforce. All NPTEL
		online certification
		courses are SWAYAM
		courses too. NPTEL
		delivers only
		engineering content
		while SWAYAM
		covers a wide section
		of educational
		contents like
		Photography,
		Videography etc.
		videography etc.

PGXL	Skill Paced Learning	SPL-	Virtualization is the
	, , , , , , , , , , , , , , , , , , ,	Virtualization	key to cloud
		and Cloud	computing, since it is
		Computing	the enabling
			technology allowing
			the creation of an
			intelligent
			abstraction layer
			which hides the
			complexity of
			underlying hardware
			or software.
PGXO	CORE COURSE- XIV	Machine	R is
		Learning and	powerful because of
		R-Programming	the breadth of
			techniques it offers.
			Any techniques that
			you can think of for
			data analysis,
			visualization,
			sampling, supervised
			learning and model
			evaluation are
			provided in R. The
			platform has more
			techniques than any
			other that you will
			come across.
		High	HPC helps engineers,
		Performance	data scientists,
		Computing	designers, and other
			researchers solve
			large, complex
			problems in far less

time and at less cost than traditional computing. The primary benefits of HPC are: Reduced physical tests: eliminating the need for physical tests. eliminating the need for physical tests. Parallel & Parallel computing Distributed helps to increase the Computing performance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently. Adhoc & Sensor Networks Ad hoc networks are reated between two or more wireless PCS together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during meetings or in any			
Image: series of the series			
primary benefits of primary benefits of HPC are: Reduced physical testing: HPC can be used to create simulations, eliminating the need for physical tests. Parallel & Parallel & Parallel computing Distributed Computing primary benefits distributed computing allows scalability, sharing resources and helps to perform computing allows scalability, sharing resources and helps to perform computing allows scalability, sharing resources and helps to perform computing allows scalability, sharing resources and helps to perform computing allows scalability, sharing resources and helps to perform computing allows scalability, sharing rescalability,			than traditional
Image: Second			computing. The
Image: series of the series			primary benefits of
can be used to create simulations, eliminating the need for physical tests.Parallel & DistributedParallel & Parallel & performance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently.Adhoc & Sensor NetworksAdhoc & Sensor reated between two or more wireless PCs together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during			HPC are: Reduced
simulations, eliminating the need for physical tests.Parallel & Parallel & Parallel & Parallel & Parallel & Parallel & Parallel & Parallel & Performance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently.Adhoc & Sensor 			physical testing: HPC
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Parallel &Parallel computing DistributedDistributedhelps to increase the Computingperformance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently.Adhoc & SensorAdhoc & SensorAd hoc networks are created between two or more wireless PCs together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during			eliminating the need
Parallel &Parallel computing DistributedDistributedhelps to increase the Computingperformance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently.Adhoc & SensorAdhoc & SensorAd hoc networks are created between two or more wireless PCs together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during			for physical tests.
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Computing performance of the system. In contrast, distributed computing allows scalability, sharing resources and helps to perform computation tasks efficiently. Adhoc & Sensor Networks Created between two or more wireless PCs together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during			
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scalability, sharing resources and helps to perform computation tasks efficiently. Adhoc & Sensor Networks Created between two or more wireless PCs together, without the use of a wireless router or an access point. The computers computers computers computers point. The computers computers computers computers point. The computers computers computers computers computers point. The computers co			
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Networkscreated between two or more wireless PCs together, without the use of a wireless router or an access point. The computers communicate directly with each other. Ad hoc networks can be very helpful during		Adhoo & Concor	-
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directly with each other. Ad hoc networks can be very helpful during			
other.Adhocnetworks can be veryhelpfulduring			communicate
networks can be very helpful during			directly with each
helpful during			other. Ad hoc
			networks can be very
meetings or in any			helpful during
			meetings or in any

	location where a
	network doesn't exist
	and where people
	need to share files.
Software	Every project
Project	requires the
Management	management of
	project documents.
	Reports, project
	plans, & files related
	to specific tasks are
	all examples of such
	documents. Using
	project management
	software ensures
	that documentation
	is easy to read, well-
	organized, accurate,
	& easily shareable
	with team members.
Grid Computing	Grid computing
	enables the
	virtualization of
	distributed
	computing resources
	such as processing,
	network band width,
	and storage capacity
	to create a single
	system image,
	granting users and
	applications
	seamless access to
	vast IT capabilities.

			Web Services	Web services allow you to expose the functionality of your existing code over the network. Once it is exposed on the network, other applications can use the functionality of your program.
BBA	AUS1	Skill Based Course-I	Front office	Capacity Building for
Tamil	TUE	Core Course	Management Oppilakkiyam	Employment Sithar Ilakkiyam
English	NUD	Core Course IV	Grammar and	To enable the
			Usage	students to understand the basic rules of grammar and structure in English.
				To make the students
				to use the language effectively.
				To enable the learner
				to communicate effectively and appropriately in real life situation.
	NUF	Core Course VI	Drama	To introduce the

1	1		
			learners to the
			emergence of English
			Drama from the
			Elizabethans to the
			20 th century.
			To develop a critical
			understanding of
			drama and various
			kinds of theatre and
			a range of dramatic
			skills and techniques
			To familiarize
			students with the
			cultural diversity of
			the world.
NUG	Core Course VII	Fiction	To appreciate the
NUU		riction	literary value of
			-
			imaginative
			imaginative literature in terms of
			imaginative literature in terms of plot, characterization
			imaginative literature in terms of plot, characterization and analyzing the
			imaginative literature in terms of plot, characterization and analyzing the social and moral
			imaginative literature in terms of plot, characterization and analyzing the
			imaginative literature in terms of plot, characterization and analyzing the social and moral purposes.
			imaginative literature in terms of plot, characterization and analyzing the social and moral
			imaginative literature in terms of plot, characterization and analyzing the social and moral purposes.
			imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the
			imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the literary, cultural,
			imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the literary, cultural, historical, and
NUJ	Core Course X	Literary	imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the literary, cultural, historical, and political influences
NUJ	Core Course X	Literary Criticism	imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the literary, cultural, historical, and political influences on fictional works.
NUJ	Core Course X		imaginative literature in terms of plot, characterization and analyzing the social and moral purposes. To identify the literary, cultural, historical, and political influences on fictional works. To acquaint learners

		criticism, its various
		trends and schools.
		To help learners
		apply literary theory
		to text in order to
		enrich their
		understanding and
		appreciation of
		literature.

NUM	Core Course XIII	Indian English	To make learners
		Literature	aware of the history
			and growth of Indian
			writing in English.
			To familiarize the
			students about the
			major writers and
			literary works in
			Indian Writing in
			English from its
			origin in the19th
			century, till date.
			To analyze the
			growth of Indian
			Writing in English
			with reference to the
			historical, political,
			social and cultural
			milieu of Indian
			subcontinent from
			the colonial days till
			today
NUN	Core Course XIV	Post –Colonial	To introduce
11011		Literature in	learners to the
		English	literatures of a few
		LIIGUSU	commonwealth
			countries
			countries
			To appreciate the
			literary works from
			different nations of
			unterent nations of

			the world which were once under the British colonial rule To analyze and evaluate the post- colonial traits found in the prescribed literary texts
NUE2	Non – Major Elective II	English for Competence	To enable the students to prepare for competitive Examinations. To equip the students with the nuances of the English language; this includes proficiency in grammar.
NUS1	Skill Based Elective I	Writing Skills in English	To inculcate effective skills of presentation in the students. To make the students to learn, practice and acquire the skills necessary to deliver the presentation with clarity.
NUE4	Major Based Elective II	Translation Theory and	To introduce the learners to the

				to almianza in 1 . 1
		Pra	actice II	techniques involved
				in Translation.
				To acquire the skills
				needed for a
				professional
				translator.
				To familiarize the
				students with the
				concepts and
				theories of
				translation.
BCA	KUD	Obj	oject Oriented	Data structures can
		Pro	ogramming	certainly implement
		usii	ing C++with	using OOP, and it
		Dat	ita structures	might make your
				code more readable,
				but they can all be
				implemented using
				plain old structural
				programming.
	KUEY	Dat	ita structures	Data structures is an
		usi	ing C++ Lab	important core
				subject of computer
				science curriculum,
				and hands-on
				laboratory
				experience is critical
				to the understanding
				of theoretical
				concepts , The
				programming
				exercises in C++ are
				designed to
				demonstrate the

			applicability of
			Object Oriented
			programming
			concepts to problem
			solving.
KUS1Y	Skill based Elective	R-Programming	R is a programming
		Lab	language for
			statistical computing
			and graphics that you
			can use to clean,
			analyze, and graph
			your data. It is widely
			used by researchers
			from diverse
			disciplines to
			estimate and display
			results and by
			teachers of statistics
			and research
			methods.
		Web	Using a website as its
		Application	central portal for
		Development	access, a web
		Lab	application helps
			businesses to target
			and reach potential
			and existing
			customers easily and
			quickly. Web
			applications play an
			important role in
			making several
			online transactions

		possible in today's
		cyber space.
	Job oriented	AWS enables you to
	Course-Amazon	select the operating
	web services	system,programming
		language, web
		application platform,
		database, and other
		services you need.
		With AWS, you
		receive a virtual
		environment that
		lets you load the
		software and
		services your
		application requires.
 	Online Course	NPTEL aims to
	моос	partner with
	(Swayam,	organizations in a
	NPTEL)	mutually beneficial
		manner by offering
		courses to train the
		freshers in the
		companies and to
		cross-skill and up-
		skill the existing
		workforce. All NPTEL
		online certification
		courses are SWAYAM
		courses too. NPTEL
		delivers only
		engineering content
		while SWAYAM
		covers a wide section

		of educational
		contents like
		Photography,
		Videography etc.
	E-Commerce	E-commerce allows
		customers to choose
		a product or service
		they want, from any
		supplier, anywhere
		in the world. You
		have a much wider
		choice than in brick-
		And the freedom to
		browse without any
		stress or hurry is
		priceless.
	Wireless	Wireless
	Communication	communication
		basically involves
		exchanging data over
		long or short
		distances using
		wireless technologies
		and devices that use
		wireless signals,
		wireless signals,
		wireless signals, instead of cable or
		wireless signals, instead of cable or wires. The
		wireless signals, instead of cable or wires. The technology is cost-
		wireless signals, instead of cable or wires. The technology is cost- effective, compared
		wireless signals, instead of cable or wires. The technology is cost- effective, compared to cable networks
		wireless signals, instead of cable or wires. The technology is cost- effective, compared to cable networks which involve huge

Cloud	Developing in the
Computing	cloud enables users
	to get their
	applications to
	market quickly.
	Hardware failures do
	not result in data loss
	because of
	networked backups.
	Cloud computing
	uses remote
	resources, saving
	organizations the
	cost of servers and
	other equipment.
Open Source	Open source
_	licensing encourages
	innovation through
	collaboration.
	Without it, many of
	the technologies we
	take for granted
	today would never
	have developed, or
	would be locked
	away behind patent
	law. The open source
	movement is the
	reason that
	reason that
	reason that technology has
	reason that technology has developed at such a
_	Cloud Computing

	.Net Lab	source, server-side
	ince hab	web-application
		framework designed
		for web
		development to
		produce dynamic
		web pages. It was
		developed by
		Microsoft to allow
		programmers to
		build dynamic web
		sites, applications
		and services. The
		name stands for
		Active Server Pages
		Network Enabled
		Technologies.
	Multimedia Lab	Multimedia learning
		is that it takes
		advantage of the
		brain's ability to
		make connections
		between verbal and
		visual
		representations of
		content, leading to a
		deeper
		understanding,
		which in turn
		supports the transfer
		of learning to other
	Internet with	situations.
	Internet with ASP Lab	

[]	T		uhan da l
			when developing
			web sites and web
			applications. It is
			reliable, fast, easy to
			use, free and widely
			known.
			ASP.NET gives you
			full control of your
			development and can
			be used on any
			project, big or small.
K	KUK	Python	Python language is
		Programming	one of the most
			accessible
			programming
			languages available
			because it has
			simplified syntax and
			not complicated,
			which gives more
			emphasis on natural
			language. Due to its
			ease of learning and
			usage, python codes
			can be easily written
			and executed much
			faster than other
			programming
			languages.
	KUS2Y	Python &	
	XUB2 I	Bioinformatics	Python is a widely
			used general-
		Lab	purpose, high-level
			programming
			language in

		bioinformatics
		field. Its design
		philosophy
		emphasizes code
		readability, and its
		syntax allows
		programmers to
		express concepts in
		fewer lines of code
		than would be
		possible in languages
		such as C++ or Java.
KUE5Y	Web	Bioinformatics
	Technology and	applications
	Bioinformatics	is effective for
	Lab	generating the vast
		quantity of inputs.
		The name simulation
		is computation
		especially for
		developing
		algorithms and
		software's,
		constructing
		database and
		curation, and
		analyzing the
		sequence, functions,
		and structures.
	Web Graphics	Graphics should
	-	help to guide the
		viewers' focus to the
		important content on
		the page. Using
		the page. Using

		visually strong
		graphic elements on
		a page can be useful
		in directing viewers'
		attention and
		providing structure
		for the page.
	Big Data &	Big data analytics is
	Analytics	the complete process
		of examining large
		sets of data through
		varied tools and
		processes in order to
		discover unknown
		patterns, hidden
	Artificial	The widespread use
	Intelligence	of AI may not only
		reduce the role of
		humans in the
		production process,
		it may also reduce
		investment costs.
		Moreover, the
		increasing use of AI,
		particularly in the
		context of the AI-
		driven Internet of
		Things, is giving rise
		to new innovation
		strategies of firms.
	Cyber Security	Cyber Security is
	Syster Security	important because it
		protects you or your
		company from

		potential cyber
		threats. The
		advancement of
		technology has left
		many people
		vulnerable to
		cybercriminal
		activities, such as
		hacking, data theft
		and damage, and
		industrial espionage.
	UI/UX Design&	UX design is the
	Animation Lab	process of designing
	using Open	(digital or physical)
	source Tools	products that are
		useful, easy to use,
		and delightful to
		interact with. It's
		about enhancing the
		experience that
		people have while
		interacting with your
		product, and making
		sure they find value
		in what you're
		providing.

Software	Software testing
	tools are often
Lab	used to assure
	firmness,
	thoroughness and
	performance in
	testing software
	products. Unit testing
	and subsequent
	integration testing
	can be performed by
	software testing
	tools. These tools are
	used to fulfill all the
	requirements of
	planned testing
	activities.
Multimedia	Premiere Pro is
Technology I	the industry-leading
	video editing
	software for film, TV
	and the web. Creative
	tools and integration
	with other apps and
	services helps you
	craft footage into
	polished films and
	videos.
Multimedia	Desktop publishing
Technology II	software is
1	
	important because it
	important because it increases
_	Testing Tools Lab

			appearance of all
			produced
			documents,
			minimized the
			production cost, easy
			customization of all
			kinds of projects, and
			also in a way to
			manage the
			presentation as well
			as its content.
B.Voc., Software		Web	Bioinformatics
		Technology and	applications
		Bioinformatics	is effective for
		Lab	generating the vast
			quantity of inputs.
			The name simulation
			is computation
			especially for
	Skill		developing
			algorithms and
			software's,
			constructing
			database and
			curation, and
			analyzing the
			sequence, functions,
			and structures.
		Web Graphics	Graphics should
			help to guide the
			viewers' focus to the
	Skill		
			important content on
			the page. Using
			visually strong

	<u> </u>			
				graphic elements on
				a page can be useful
				in directing viewers'
				attention and
				providing structure
				for the page.
			Big Data &	Big data analytics is
			Analytics	the complete process
				of examining large
		61 111		sets of data through
		Skill		varied tools and
				processes in order to
				discover unknown
				patterns, hidden
			Artificial	The widespread use
			Intelligence	of AI may not only
			0	reduce the role of
				humans in the
				production process,
				it may also reduce
				investment costs.
		Skill		Moreover, the
		Skill		increasing use of AI,
				particularly in the
				context of the AI-
				driven Internet of
				Things, is giving rise
				to new innovation
				strategies of firms.
			Cyber Security	Cyber Security is
				important because it
				protects you or your
				company from
				potential cyber

		threats. The
		advancement of
		technology has left
		many people
		vulnerable to
		cybercriminal
		activities, such as
		hacking, data theft
		and damage, and
		industrial espionage.
	UI/UX Design&	UX design is the
	Animation Lab	process of designing
	using Open	(digital or physical)
	source Tools	products that are
		useful, easy to use,
		and delightful to
		interact with. It's
		about enhancing the
		experience that
		people have while
		interacting with your
		product, and making
		sure they find value
		in what you're
		providing.
	Software	Software testing
	Testing Tools	tools are often
	Lab	used to assure
		firmness,
		thoroughness and
		performance in
		testing software
		products. Unit testing
		and subsequent
		and subsequent

		intogration testing
		integration testing
		can be performed by
		software testing
		tools. These tools are
		used to fulfill all the
		requirements of
		planned testing
		activities.
	Multimedia	Premiere Pro is
	Technology I	the industry-leading
		video editing
		software for film, TV
		and the web. Creative
		tools and integration
		with other apps and
		services helps you
		craft footage into
		polished films and
		videos.
	Multimedia	Desktop publishing
	Technology II	software is
	reennoiogy n	important because it
		increases
		productivity, helps in
		enhancing the
		appearance of all
		produced
		documents,
		minimized the
		production cost, easy
		customization of all
		kinds of projects, and
		also in a way to
		manage the

		presentation as well
		as its content.