

Noorul Islam Centre for Higher Education

(Deemed to be University u/s 3 of the UGC Act 1956)

Kumaracoil, Thuckalay, Kanyakumari District - 629 180

Accredited by NAAC with 'A' Grade

Annual Quality Assurance Report (2020-2021)



The Annual Quality Assurance Report (AQAR) of the IQAC
(For Universities)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution

1. Name of the Institution: NOORUL ISLAM CENTRE FOR HIGHER EDUCATION

Name of the Head of the institution: **Dr. A. K. Kumaraguru**

- Designation: Vice Chancellor
- Does the institution function from own campus: **Yes**
- Phone no./Alternate phone no: **04651250566**
- Mobile no.: **9486856113**
- Registered Email: **info@niuniv.com**
- Alternate Email: **shajin@niuniv.com**
- Address : **Noorul Islam Centre for Higher Education**
- City/Town : **Kumaracoil, Thuckalay**
- State/UT : **Tamilnadu**
- Pin Code : **629180**

2. Institutional status:

- University: State/Central/Deemed/Private: **Deemed**
- Type of Institution: Co-education/Men/Women: **Co-education**
- Location: Rural/Semi-urban/Urban: **Rural**
- Name of the IQAC Co-ordinator/Director: **Dr.R.Mathusoothana S. Kumar**
- Phone no. /Alternate phone no: **04651250566**
- Mobile: **9486856119**
- IQAC e-mail address: **iqac@niuniv.com**
- Alternate Email address: rmssk@niuniv.com

3. Website address:

Web-link of the AQAR: (Previous Academic Year):

http://www.niuniv.com/IQAC/2019/AQAR_2019_2020.pdf

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: **Yes**

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1st Cycle 1	A	3.06	2015	from: 16/11/2015 to: 15/11/2020
2 nd				from: to:
3 rd				from: to:
4 th				from: to:
5 th				from: to:

6. Date of Establishment of IQAC: DD/MM/YYYY: 22/08/2012

7. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
NICHE/Nanotechnology	FIST	DST	2017,5 years	7700000
NICHE/Nanotechnology	S&T	TNSCST	2019,2 years	331000

8. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

Chairman	Vice-Chancellor	Dr.A.K. Kumaraguru
One Member from the Management	Director (Grievance)	Prof. M.L.Narayanan
A Few Senior Administrative Officers	Pro-Vice Chancellor	Dr.N.Chandrashekhar
	Registrar	Dr.P.Thirumalvalavan
	Controller of Examinations	Dr.RM.Chandrasekaran
	Director (HRM)	Dr.K.A.Janardhanan
	Director (Academic Affairs)	Dr.A Shajin Nargunam
Senior Teachers	Director (Research)	Dr.M.Dev Anand
	Director (Student Affairs)	Dr.J.Charles

	Professor/Mathematics	Dr.P.B.Sarasija
	Associate Professor / Chemistry	Dr.J.Joseph
	Associate Professor/ Physics	Dr.R.Ganapathi Raman
	Librarian	Dr.S.Lawyed Stephen
	Assistant Professor / EEE	Dr. K. Muthuvel
	Assistant Professor/IT	Dr.Y. Jeyasheela
One Member from Industry	Manager - Client Service Delivery Management at West Corporation	Mr.S. Eben Monic
One Member from Local Society	Advocate	Mr.P.Reghukumar
One Member from Alumni	Assistant Professor(Senior Grade) AU/ Tiruvelveli	Dr.J.Jesu Vedha Nayahi
Director - IQAC	Prof. and Head /IT	Dr.R. Mathusoothan S Kumar

9. No. of IQAC meetings held during the year:2

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.

Yes/No :**Yes**

10. Whether IQAC received funding from any of the funding agency to support its activities during the year?

Yes/No: **No**

11. Significant contributions made by IQAC during the current year (maximum five bullets)

- *Motivating the staff to apply projects**
- *Motivating the staff to participate in seminars, NPTEL workshops**
- *Motivating students to participate in seminars, workshops, swayam courses, various cultural activities, games, sports and competitions**
- *Strengthening the laboratories**
- *Motivating the staff members to develop e-contents for MOOC and SWAYAM related sources**

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Academic & Administrative audit	The Academic & Administrative Audit, helped to improve the quality of teaching-learning process, and other activities.
MOOC and SWAYAM Courses	The participation of faculty and students in online courses significantly increased.
Improvement in Research	Number of Publications and Quality of Publications are increased.
Outcome Based Education	Outcome Based Education is implemented with PEO, PSO, PO, CO and

	Course attainment
--	-------------------

13. Whether the AQAR was placed before statutory body?

Yes /No: **Yes**

Name of the statutory body: **Board of Management** Date of meeting(s): **25/03/2022**

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to

Assess the functioning?

Yes/No: **No**

15. Whether institutional data submitted to AISHE: Yes/No: **Yes**

Year: **2022**

Date of Submission: **25/03/2022**

Extended Profile of the University**1 Programme:**

1.1. Number of Programmes offered during the year

Year	2020-2021
Number	48

1.2 Number of departments offering academic programmes

Year	2020-2021
Number	22

2. Student:

2.1 Number of students during the year

Year	2020-2021
Number	2197

2.2 Number of outgoing / final year students during the year

Year	2020-2021
Number	709

2.3 Number of students appeared in the University examination during the year

Year	2020-2021
Number	4163

2.4 Number of revaluation applications during the year

Year	2020-2021
Number	188

3. Academic:

3.1 Number of courses in all Programmes during the year

Year	2020-2021
Number	1362

3.2 Number of full time teachers during the year

Year	2020-2021
-------------	------------------

Number	262
---------------	------------

3.3 Number of sanctioned posts during the year

Year	2020-2021
Number	260

4. Institution:

4.1 Number of eligible applications received for admissions to all the Programmes during the year

Year	2020-2021
Number	751

4.2 Number of seats earmarked for reserved category as per GOI/State Govt. rule during the year

Year	2020-2021
Number	1169

4.3 Total number of classrooms and seminar halls

Year	2020-2021
Number	147

4.4 Total number of computers in the campus for academic purpose

Year	2020-2021
Number	729

4.5 Total Expenditure excluding salary during the year (INR in Lakhs)

Year	2020-2021
Number	894.98

Part – B
Criterion I – Curricular Aspects
Key Indicator – 1.1 Curriculum Design and Development

Metric No.																					
1.1.1 Q ₁ M	<i>Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University</i> The curricula developed and implemented by Noorul Islam Centre for Higher Education (NICHE) has more relevance to the local, national and global needs of community which is reflected in Programme outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes(COs) of the Programmes offered by NICHE. POs, PSOs and COs focus on the need of imparting knowledge based on the local and regional needs. Besides, it gives the students a greater insight on disaster management, its impact on the nation, risk reduction, emergency planning with respect to the scenario based on which the environmental and habitat the people survive. NICHE imparts value based education to their multicultural societies in the country that helps students in knowing the national concerns and developing them, in lending their hands to the national welfare. For example, Cyber Security and Cyber Forensics which the country considers to be the pillars of security are emphasized. NICHE has established a connection with experts in various international fields enabling students to have a close interaction on current trends and build their innovation and research standards globally. Various courses on Space Mechanics, Aircraft Design also, prove to have its impact on global development.																				
1.1.2 Q _n M	<i>Number of Programmes where syllabus revision was carried out during the year</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>17</td></tr></table> <table><tr><td colspan="8">1.1.2 Number of programmes where syllabus revision was carried out during the year</td></tr><tr><td>Program me Code</td><td>Programme name</td><td>Year of Introd uction</td><td>Status of impleme ntation of CBCS / Elective Course</td><td>Year of impleme tation of CBCS / Elective Course System</td><td>Year of revisio n (if any)</td><td>If revision has been carried out in the svllabus</td><td>Link to the relevant documents</td></tr></table>	Year	2020-2021	Number	17	1.1.2 Number of programmes where syllabus revision was carried out during the year								Program me Code	Programme name	Year of Introd uction	Status of impleme ntation of CBCS / Elective Course	Year of impleme tation of CBCS / Elective Course System	Year of revisio n (if any)	If revision has been carried out in the svllabus	Link to the relevant documents
Year	2020-2021																				
Number	17																				
1.1.2 Number of programmes where syllabus revision was carried out during the year																					
Program me Code	Programme name	Year of Introd uction	Status of impleme ntation of CBCS / Elective Course	Year of impleme tation of CBCS / Elective Course System	Year of revisio n (if any)	If revision has been carried out in the svllabus	Link to the relevant documents														

				System (ECS)	(ECS)		during last 5 years, Percenta ge of content added or replaced	
				CBCS : Yes/No ECS: Yes/No	CBCS: ECS:	CBCS : ECS:	CBCS: ECS:	CBCS: ECS:
	AE22	B.E. Aeronautical Engineering	2009	Yes	2009	2017	30	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/Aero-BOS-Aero-2020.pdf
	AS22	B.E. Aerospace Engineering	2009	Yes	2009	2017	25	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/AS/2020ASBE.pdf
	BM22	B.E Biomedical Engineering	2009	Yes	2009	2017	25	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/BME/2020BMBE.pdf
	CS22	B.E. Computer Science and Engineering	2009	Yes	2009	2017	59	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/CSE/CSE-BOS-2020.pdf
	AI22	B.E. Artificial Intelligence and Data Science	2020	Yes	2020	-	-	
	CV22	B.E. Civil Engineerin g	2009	Yes	2009	2017	54	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/CV/BOS2020.pdf

	EI22	B.E. Electronics and Instrumentation Engineering	2009	Yes	2009	2017	61	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/EIE/IE-BOS-2020.pdf
	FT22	B.Tech - Fire Technology and safety Engineering	2011	Yes	2011	2017	44	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/FTSE/FTSE-BOS2020.pdf
	IF22	B.Tech. Information Technology	2009	Yes	2009	2017	55	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/IT/BOS-IT-2020.pdf
	IT26	B.Sc. Cyber Forensics	2019	yes	2019	-	-	
	ME22	B.E-Mechanical Engineering	2009	Yes	2009	2017	34	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/Mech/2020MEBE.pdf
	NT22	B.Tech Nanotechnology	2011	Yes	2011	2017	55	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/NT/2020NTBTech.pdf
	MS25	MBA Business Administration	2009	Yes	2009	2017	55	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/MBA/2020MSMBA.pdf
	AI25	MBA - Artificial Intelligence, Machine Learning and Deep Learning	2020	Yes	2020	-	-	
	AV25	MBA-Aviation Management	2020	Yes	2020	-	-	

	MS26	BBA - Business Administration	2014	Yes	2014	2017	42	
	EG27	M. A. English	2013	Yes	2013	2017	58	http://www.niuniv.com/NAAC/Criteria1/1.1.2/HighlightedBOS/ENG/ENG-BOS-2020.pdf
1.1.3	Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year							
Q _n M	1.1.3.1: Number of courses having focus on employability/ entrepreneurship/ skill development during the year							
				Year	2020-2021			
				Number	786			
1.1.3 Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year								
Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development				Link to the relevant document	
AE2502	Aircraft structural Mechanics	2017	Employability -Behaviours of Aircraft structures				http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AERO.pdf	
AE 2501	Experimental Aerodynamics	2017	Employability Estimation of interaction of bodies with fluid flow					
AE2503	Aerospace propulsion	2017	Employability -Effects of air flow through various structures					
AE2508	High speed aerodynamics	2017	Employability- Fluid flow analysis					
AE2572	CFD lab	2017	Skill development- Computer aided estimation of air flow					
AE25B7	Space mechanics	2017	Employability -Satellite injection technology					
AE25B5	Advanced propulsion systems	2017	Employability- New types of engines and advanced system					
AE2509	Aero elasticity	2017	Employability -Elastic behaviour of aircraft structure					
AE2573	Aero engines Laboratory	2017	Skill development Aircraft engines and types					
AE2507	Computational Fluid Dynamics	2017	Employability Fluid flow analysis using computer					
AE25C2	Avionics	2017	Employability- Aircraft electronics					
AE2201	Aircraft production	2017	Entrepreneurship -					

		technology		Production lines tools and process		
	ME2291	Production process Laboratory	2017	Skill development - Production process in aircraft industry		
	AE2206	Aircraft Systems And Instrumentation	2017	Employability- Aircraft systems and instruments design		
	AE2205	Aircraft structures	2017	Employability (Behaviour of aircraft structures)		
	AE2274	Aircraft Systems Lab	2017	Skill development- Designing of aircraft systems		
	AE2272	Aero thermodynamics lab	2017	Skill development- Interaction of heat in fluid flow		
	AE2202	Aero engineering thermodynamics	2017	Employability-Interaction of heat in fluid flow		
	AE2271	Aero modelling laboratory	2017	Skill development- Modelling of aircrafts components		
	AE22B6	Avionics	2017	Employability: Aircraft Electronics		
	AE2209	Flight dynamics	2017	Employability-Dynamics of flight		
	AE2276	Aircraft design project I	2017	Skill development-Basic designing parameters of an aircraft		
	AE2284	Aircraft component Design and Drafting	2017	Skill development- Designing of aircraft components		
	AE2210	Aircraft design	2017	Employability-Designing of an aircraft		
	AE22A1	Aero Engine Maintenance and Repair	2017	Employability-Maintenance and Repair of aircraft engines		
	AE2212	Airframe Maintenance and Repair	2017	Employability-Structures made of composites used in aircrafts		
	AE2213	Finite Element Analysis	2017	Employability- Numerical analysis of structural components		
	AE2279	CAD & FEM Lab	2017	Skill development: Computer Aided Designing		
	AE2501	Experimental Aerodynamics	2017	Employability: Physical Estimation of fluid flow		
	AM2201	Basics of Automobile Engineering	2017	Skill development(knowledge in automobile components)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-Auto.pdf	
	AM 2271	Basic Automobile Engineering Laboratory	2017	Skill development (practical knowledge in automobile components)		
	AM2277	Automotive Electrical and Electronics system Laboratory	2017	Employability/Skill Development-(Automotive wiring, Battery testing and charging)		
	AM2217	Automotive Emission and Control	2017	Employability/Skill Development-(Design of automobile emission		

				Equipments		
AM2216	Design of automotive Systems	2017		Employability/Skill Development-design of various automotive systems.		
AM2213	Automotive Materials and Metallurgy	2017		Employability/ Skill development (proper use of various types of materials)		
AM2212	Alternate power Train	2017		Employability-Design and operation of engines components		
AM2214	Applied hydraulics and pneumatics	2017		Employability/ Skill development (forming new circuits)		
AM22A4	Alternate Fuels and Energy Systems	2017		Employability/Skill Development-Alternate fuels and the changes in the engine design		
AM22A7	Transport Management	2017		Employability/Skill Development-(Automotive wiring ,Testing of batteries)		
AM22A6	Automotive Safety	2017		Employability/Skill Development-exposure to automotive safety aspects		
AM2208	Theory of Machines	2017		Skill development(study the basic engineering mechanisms)		
AM2204	Mechanics of Materials	2017		Employability/Skill Development-Behavior of metals subjected to various loads.		
AM2205	Automotive Engines	2017		Employability/Skill Development-Principles of engines used for automobiles		
AM2206	Advanced Mechnaics	2017		Skill development (knowledge in basic mechanical components)		
AM2274	Engine and Fulel Testing Laboratory	2017		Employability/ Skill development (Use of fuels in the SI and CI engines)		
AM2209	Manufacturing of Automotive Components	2017		Employability (manufacturing process required to form a vehicle components)		
AM2210	Automotive Electrical and Electronics system	2017		Skill development (automotive electrical and electronics components)		
AM2501	Automotive Engines	2017		Employability/ Skill development (understand the automobile engine technologies)		
AM2502	Automotive Chassis	2017		Employability (mounting of vehicle components on the chassis)		
AM2503	Automotive Transmissions	2017		Employability (vehicle movements and their proper usage)		
AM2571	Automotive engine and	2017		Skill development		

		vehicle components laboratory		(handling of vehicle engine components)		
	AM2506	Vehicle Control Systems	2017	Employability (controlling the vehicles)		
	AM2507	Engine and vehicle components design	2017	Employability (technologies involved to design a new vehicle)		
	AM 25A2	Two and Three Wheelers	2017	Employability/ Skill development (knowledge in two and three wheeler components and their functions)		
	AM25A4	Special Type of Vehicles	2017	Employability/ Skill development (knowledge in specially utilized vehicles)		
	AM25B2	Automotive Materials	2017	Employability/ Skill development (knowledge in proper usage of materials)		
	AM25B3	Electric and hybrid vehicles	2017	Employability/ Skill development (manufacturing and handling of electric and hybrid vehicles)		
	AM2279	Machine Drawing Laboratory	2017	Employability (Design and prepare a drawing chart for the vehicle components)		
	AS2201	Basic Aerospace Engineering	2017	Employability/ Skill development (Development in Aerospace)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AS.pdf	
	AS2271	Basic Aerospace Engineering Laboratory	2017	Employability/ Skill development (Fundamentals of Aerospace)		
	AS2203	Structural Mechanics	2017	Employability/ Skill development (Materials and properties)		
	AS2202	Aero Thermodynamics	2017	Employability/ Skill development (Thermal analysis)		
	AS2273	Thermal And Heat Transfer Lab	2017	Employability/ Skill development (Analysis of thermal experiments)		
	AS2204	Low Speed Aerodynamics	2017	Employability/ Skill development (Analysis of fluid flow)		
	ME2224	Mechanics Of Machines	2017	Employability/ Skill development (Analysis of fluid machines)		
	AS2205	Aerospace Structures	2017	Employability/ Skill development (Types of structures and load)		
	AS2206	Wind Tunnel Testing	2017	Employability/ Skill development (Analysis of fluid flow)		
	AS2275	Aerospace Structures Lab	2017	Employability/ Skill development (Analysis of structures)		
	AS2274	Low Speed Wind Tunnel Testing Lab	2017	Employability/ Skill development (Analysis of		

			fluid flow)		
AS2208	Highspeed Aerodynamics	2017	Employability/ Skill development (Analysis of fluid flow problems)		
AS2207	Aerospace Propulsion	2017	Employability/ Skill development (Propulsive mechanism)		
AS2210	Aerospace Production Techniques	2017	Employability/Skill Development-Variou Production Techniques in Aerospace		
AS2276	Navigation And Guidance Laboratory	2017	Employability/ Skill development (MATLAB Analysis)		
AS2272	Aerospace Design Project – I	2017	Employability/ Skill development (Design and methodology)		
AS2211	Aerospace Propulsion – II	2017	Employability/ Skill development (Propulsive mechanism)		
AS2212	Heat Transfer In Space Applications	2017	Employability/ Skill development (Analysis of temperature effects)		
AS2213	Experimental Stress Analysis	2017	Employability/ Skill development (Stress analysis)		
AS22A1	Industrial Aerodynamics	2017	Employability/ Skill development (Flow analysis of buildings, vehicles)		
AS22A2	Applied Orbital Mechanics	2017	Employability/ Skill development (Fundamentals of orbital dynamics)		
AS22A3	Theory Of Vibrations	2017	Employability/ Skill development (Fundamentals of vibration)		
AS22A5	Rockets And Space Mechanics	2017	Employability/ Skill development (Space applications)		
AS22A6	Theory Of Elasticity	2017	Employability/ Skill development (Structural nd load analysis)		
AS2277	Aerospace Propulsion Lab	2017	Employability/ Skill development (Propulsive mechanism)		
AS2278	Aerospace Design Project – II	2017	Employability/ Skill development (Vehicle design calculations)		
AS2279	Cad Modelling And Analysis Lab	2017	Employability/ Skill development (Modeling and analysis of aircraft structures)		
AS2214	Aerospace Composite Materials	2017	Employability/Skill Development-Composite materials fabrication and analysis		
AS2215	Finite Element Procedures	2017	Employability/Skill Development-Analysis of heat transfer and fluid flow		

	AS2216	Computational Fluid Dynamics Techniques	2017	Employability/Skill Development-Techniques of Computational Fluid Dynamics	
	AE22B5	Rockets and missiles	2017	Employability/Skill Development- Aerodynamic,motion,control and material for Rockets and Missiles	
	AE22B3	Space mechanics	2017	Employability/Skill Development- Space Mechanics	
	AS22A4	Hypersonic Aerodynamics	2017	Employability/Skill Development-Hepersonic Aerodynamics	
	AE22C2	UAV Design and Development	2017	Employability /Skill Development (Unmanned Aerial Vehicles)	
	AS2280	Composite Materials Lab	2017	Employability/Skill Development- Preparation,testing and repairing of composite Materials	
	AS2281	Aerospace Computational Analysis Laboratory	2017	Employability/Skill Development-Varios Heat transfer and fluid flow analysis	
	AS22A8	Satellite Technology	2017	Employability/Skill Development-Basic concepts of Satteliite Technology	
	AS22B1	Machine Learning Techniques	2017	Employability (Model Designing)	
	AE22B9	Cryogenics	2017	Employability/Skill Development- Cryogenics,introduction,Refrigeration,Storage and Transfer	
	AE22A9	Computer Integrated Manufacturing	2017	Employability/Skill Development-Compute Integrated Manufacturing	
	AC2204	Maintenance Practices-I	2017	Employability(use of Aircraft Maintenance)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AME.pdf
	AC2205	Basic Aerodynamics	2017	Entrepreneurship(To solve real aircraft aerodynamics problems)	
	AC2206	Human Factors	2017	Entrepreneurship/ Skill development(To better understanding how humans can most safely and efficiently be integrated with the technology.)	
	AC2207	Aviation Legislation – I	2017	Entrepreneurship/ Skill development(Aviation law governs the operation of aircraft and the maintenance of aviation facilities)	
	AC2208	Aviation Legislation –	2017	Entrepreneurship/ Skill	

		II		developmentAviation law governs the operation of aircraft and the maintenance of aviation facilities.		
	AC2274	Maintenance Practices Lab -I	2017	Employability/Skill Development-Safety precautions Aircraft and workshop		
	AC2275	Basic Aerodynamics Lab	2017	Skill development(Aircraft DynamicsAnalysis)		
	AC2209	Electrical Fundamentals-I	2017	Employability/Skill Development-Basics of electrical engineering		
	AC2210	Materials and Hardware - I	2017	Employability/Skill Development-knowledge on the characteristics, properties and applications of metals and non-metallic materials		
	AC2211	Aviation Legislation - III	2017	Employability/Skill Development- Aircraft operation, certification and safety rules.		
	AC2212	Turbine Aeroplane Aerodynamics, Structures and Systems - I	2017	Employability/Skill Development-Aeroplane aerodynamics, flight controls, airframe structures and systems.		
	AC2213	Maintenance Practies- II	2017	Employability/Skill Development-Safe working practices and the tool handling methods to implement in workshops.		
	AC2276	Turbine Aeroplane Aerodynamics, Structures and Systems Lab - I	2017	Employability/Skill Development-Safe working practices and the tool handling methods to implement in Aircraft systems		
	AC2277	Electrical Fundamentals Lab -I	2017	Employability/Skill Development-Safe working practices Generation of Electricity		
	AC2214	Electrical Fundamentals-II	2017	Entrepreneurship/ Skill developmen-types of electric motors and their application in aircraft.		
	AC2215	Materials and Hardware - II	2017	Entrepreneurship/ Skill development(Use of Aircraft materials Maintenance)		
	AC2216	Turbine Aeroplane Aerodynamics, Structures and systems- II	2017	Entrepreneurship/ Skill development(Use of Aircraft systems Maintenance)		
	AC2217	Gas Turbine Engine-I	2017	Entrepreneurship/ Skill development(Use of Aircraft engine		

				Maintenance)		
	AC2278	Electrical Fundamentals Lab - II	2017	Skill development(Design algorithms to solve real world problems)		
	AC2279	Turbine Aeroplane Aerodynamics, Structures and Systems Lab=II	2017	Entrepreneurship/ Skill development(Use of Aircraft systems Maintenance)		
	AC2280	Gas Turbine Engine Lab-I	2017	Entrepreneurship/ Skill development(Use of Aircraft engine Maintenance)		
	AC2218	Electronic Fundamentals	2017	Entrepreneurship/ Skill development to solve real world Aircraft electronic problems)		
	AC2219	Dynamics of Aircraft Flights	2017	Entrepreneurship/ Skill development(use of Aircraft operation)		
	AC2220	Maintenance Practices - III	2017	Entrepreneurship/ Skill development(Use of Aircraft ground operation Maintenance)		
	AC2221	Gas Turbine EngineII	2017	Entrepreneurship/ Skill development(use of Aircraft engine Maintenance)		
	AC2222	Propeller	2017	Employability/Skill Development-Basic concepts, construction, operation and maintenance of propellers.		
	AC2223	Piston Engine Maintenance	2017	Employability/Skill Development-Basic concepts, construction, operation and maintenance of Piston Engines piston engine		
	AC2224	Digital Techniques	2017	Employability/Skill Development-Computer structure and data buses in aircraft.		
	AC2225	Electronic Instrument Systems	2017	Employability/Skill Development-Knowledge about the aircraft instruments and instrument systems.		
	AC2226	Turbine Aeroplane Avionic Systems	2017	Employability/Skill Development-Performance of airplanes under various operating conditions		
	BM2201	Fundamentals of BioMedical Engineering	2017	Employability/Skill Development-Fundamental knowledge of Biomedical Engineering	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-BME.pdf	
	BM2271	Fundamentals of BioMedical Engineering Laboratory	2017	Employability/Skill Development-Fundamental knowledge and working principles of Biomedical Equipments		

	EE2225	Basics of Electrical Engineering	2017	Employability/Skill Development-Basic of the various concepts in Electrical engineering		
	EC2226	Semiconductor Devices and Circuits	2017	Employability/Skill Development-Analysis and design of various Semiconductor Devices and Circuits		
	BM2202	Biochemistry	2017	Employability and Skill development (Know about the functioning of various diagnostic equipment's and Biochemistry of blood and body fluids)		
	BM2203	Human Anatomy and Physiology	2017	Employability and Skill development (Make use of functioning of cardiac, nervous, digestive, respiratory system and Special senses which are helpful for the design of medical devices.)		
	EE2287	Basics of Electrical Engineering Laboratory	2017	Employability/Skill Development-Analyze the performance of various Electrical Devices		
	EC2296	Semiconductor Devices and Circuits Laboratory	2017	Employability/Skill Development-Understand the characteristics of Semiconductor Devices and Circuits		
	BM2272	BioChemistry and Human Physiology Laboratory	2017	Employability/Skill Development-Physiology of humans and study their functions		
	EC2227	Communication Engineering & Networking	2017	Employability and Entrepreneurship(Apply the wireless networking architecture, protocols, transmission technology)		
	BM2204	Pathologyand Microbiology	2017	Employability and Skill development (Identify Viral disease andGenetic disorders)		
	BM2205	Bio Sensors and Transducers	2017	Employability and Skill development (Make use of different Bio Sensors and Transducers)		
	BM2206	Bio-Control Systems	2017	Skill development (Biological control systems can be analysed)		
	BM2273	Pathologyand MicrobiologyLaborator y	2017	Employability, Skill development and Entrepreneurship (Estimate the pathology and microbial activities of human)		
	BM2274	Bio Sensors and TransducersLaboratory	2017	Employability and Skill development (know the		

				working of sensors and transducers)		
	EI2205	Linear Integrated Circuits	2017	Employability and Skill development(Applications of Integrated circuits in the processing of analog signals.)		
	BM2207	Bio Signals and System	2017	Employability and Skill developmen (analyze characteristics of continuous, discrete signals and systems)		
	BM2208	Biomedical Instrumentation	2017	Employability, Skill development and Entrepreneurship (Know the working of biomedical equipment's)		
	BM2209	Microprocessor &Microcontroller in Medical Applications	2017	Employability, Skill development and Entrepreneurship (Able to program microprocessor)		
	BM2210	Bio-materials and Implants	2017	Skill development and Employability (Apply Bio-material in devices and implant)		
	EI2284	Linear Integrated Circuits Lab	2017	Employability/Skill Development-Working of Amplifiers,Filters and oscillators		
	BM2275	Biomedical Instrumentation Laboratory	2017	Employability, Skill development and Entrepreneurship (Able to record various bio signals)		
	BM2276	Microprocessor &Microcontroller Laboratory	2017	Employability, Skill development and Entrepreneurship (Able to program microprocessor and microcontroller)		
	BM2211	Medical Imaging Equipment	2017	Employability and Skill development (The working and application of medical imaging equipment's in clinical applications are known)		
	BM2212	Diagnostic and Therapeutic Equipment	2017	Employability/Skill Development-Analyzing cardiac, neural, skeletal muscular system		
	BM2213	Bio-Signal Processing	2017	Employability and Skill development(Analyze ECG and EEG signals)		
	BM2277	Medical Imaging Equipment Laboratory	2017	Employability, Skill development and Entrepreneurship (Know the procedure to operate medical imaging equipment's)		
	BM2278	Diagnostic and Therapeutic Equipment	2017	Employability/Skill Development-Examine		

		Laboratory		different diagnostic and therapeutic modalities.		
	BM2279	Bio-Signal Processing Laboratory	2017	Employability, Skill development and Entrepreneurship (Able to analyze various bio signals)		
	BM2214	Medical Image Processing	2017	Employability/Skill Development-fFundamental concepts of image processing for various medical images.		
	BM2215	Virtual Instrumentation	2017	Employability/Skill Development-Knowledge in virtual instrumentation		
	BM2216	Patient Assist Devices	2017	Employability/Skill Development-Principle, design and application of various human assist devices and aids.		
	BM2280	Medical Image Processing Lab	2017	Employability/Skill Development-Knowledge from basic image processing techniques to advanced image processing and analysis		
	BM2281	Virtual Instrumentation Laboratory	2017	Employability/Skill Development-Knowledge about virtual instrumentation		
	BM22P1	Mini-Project	2017	Employability/Skill Development-Critical thinking about topics of current intellectual importance		
	BM22P2	Hospital Visit	2017	Employability/Skill Development-Current industrial trends and practices in health care sector.		
	BM22P5	Project Work	2017	Employability/Skill Development-Opportunity to apply and extend material learned throughout the program.		
	BM22A4	Bio-MEMS	2017	Skill development and Employability (Know the Applications of BIOMEMS in Biomedical)		
	BM22A5	Medical Equipment's Manufacturing Guidelines and Policies	2017	Skill development and Employability (Know the Medical Equipment's Manufacturing Guidelines and Policies)		
	BM22A2	Medical Optics	2017	Employability/Skill Development-Know about various optical sources, Holography and its applications		
	BM22A8	Tele Medicine	2017	Employability/Skill		

				Development-Fundamentals of Telemedicine. and its application in diagnosis		
	BM22B5	Troubleshooting and Quality Control in Medical Equipment's	2017	Skill development, Employability and Entrepreneurship (Able to Troubleshoot and Quality Control in Medical equipments)		
	BM22C1	Intellectual Property Rights	2020	Employability and Entrepreneurship (Able to file a patent)		
	CS2101	Computing and Programming	2017	Employability /Skill Development (Make use of different program paradigms)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-CSE.pdf	
	CS2171	Computer Programming Laboratory	2017	Employability /Skill development (Make use of different program paradigms)		
	CS2203	Fundamentals of Data Structures	2017	Employability (Data Structure algorithms)		
	CS2272	Data Structures Laboratory	2017	Employability (Make use of different Data structures)		
	CS2206	Object Oriented Programming	2017	Employability /Skill development (Make use of different program paradigms)		
	CS2207	Computer Architecture	2017	Employability (Digital computer design)		
	CS2273	Object Oriented Programming Laboratory	2017	Employability /Skill development (Make use of different program paradigms)		
	CS2205	Software Engineering	2017	Employability (Software protocols and design)		
	CS2208	Operating System Principles	2017	Employability (OS design)		
	CS2209	Database Management Systems	2017	Employability (Database Creation and Management		
	CS2275	Database Management Systems Laboratory	2017	Employability (Database Creation and Management		
	CS2276	Problem Solving and Python Programming Laboratory	2017	Employability /Skill development (Make use of different problem solving Techniques using Python)		
	CS2210	Microprocessors & Microcontrollers	2017	Employability (Design of microprocessors)		
	CS2211	Computer Networks	2017	Employability (Network architecture and design)		
	CS2214	Object Oriented Analysis & Design	2017	Employability(Software Development Design)		
	CS2277	Networks Laboratory	2017	Employability (Design Networks)		
	IT2216	Cyber Security	2017	Employability(Ethical Hacking)		
	CS2215	Computer Graphics	2017	Employability(Graphical design)		
	CS2216	Compiler Design	2017	Employability(Design		

			compilers)		
	CS2217	Internet Programming	2017	Employability(Web design)	
	CS2280	Compiler Laboratory	2017	Employability (Design Compilers)	
	CS2281	Computer Graphics Laboratory	2017	Employability(Animation, Image Editing)	
	CS2282	Internet Programming Laboratory	2017	Employability(Web design)	
	CS22A5	Graph Theory And Applications	2017	Skill development (Graph theory applications)	
	CS22A2	Advanced Java Programming	2017	Skill development(Make use of different program paradigms)	
	CS22A3	Software Testing	2017	Skill development(Test case design)	
	CS2219	Mobile Computing Techniques	2017	Employability/Skill Development-Basic concepts and various protocols of mobile communication.	
	CS2220	Wireless Networks	2017	Employability/Skill Development-Thorough knowledge of wireless and cellular networks.	
	CS22A6	Data Warehousing and Data Mining	2017	Employability/Skill Development-Introduce the concepts of data ware house and data mining.	
	CS22A7	Artificial Intelligence and Applications	2017	Employability/Skill Development-Developing computer applications, which encompasses, perception, reasoning and learning and techniques to simulate intelligence.	
	CS22B2	Cyber Forensics	2017	Employability(Perform Ethical hacking)	
	CS22B3	Machine Learning Techniques	2017	Employability (Design machine learning algorithms for problem solving)	
	CS22B4	Internet of Things	2017	Employability (Real world design)	
	CS22B5	Big Data Analytics	2017	Employability (Design of hadoop for storage)	
	CS22B6	Software Project Management	2017	Employability/Skill Development-Software project management, cost estimation techniques	
	CS22B7	Deep Learning	2017	Employability (Design Real world events)	
	CS22B8	Information Retrieval Techniques	2017	Employability/Skill Development-Information Retrieval Techniques+D431	
	CV2201	Basic Civil Engineering	2017	Employability/ Skill development(Make use of the Building Construction)	http://www.niu.niv.com/IQAC/2020-
	CV2202	Fundamentals Of	2017	Employability (Design of	

		Surveying		land Surveying)	2021/CRITERION1/1.1.3/1-1-3-2020-2021-CIVIL.pdf	
CV2271	Civil Engineering Practice	2017	Employability/ Skill development (Design construction Building)			
CV2272	Survey Practical-I	2017	Employability/ Skill development (Practical development of the land surveying)			
CV2205	Fluid Mechanics	2017	Employability (Design of water Structure)			
CV2274	Strength of Materials Lab	2017	Employability (Design of building Strength)			
CV2275	Building Planning And Drawing	2017	Employability/ Skill development (Design construction Building)			
CV2206	Advanced Surveying	2017	Employabilit (Design of total station)			
CV2212	Soil Mechanics	2017	Employability(Investigation of the field work)			
CV22T1	Field Training-I	2017	Employability/ Skill development(field work)			
CV2223	Project planning and Management	2017	Employability(Project report in the field)			
CV2210	Hydraulics and Hydraulic Machines	2017	Employability/ Skill development (Design of Water flow)			
CV2209	Structural Analysis-I	2017	Employability/ Skill development(Design of SFD, BMD)			
CV2277	Construction Technology lab	2017	Employability/ Skill development(Make use of the build work)			
CV2278	Soil Mechanics Lab	2017	Employability/ Skill development (Design of various types of soil investigation)			
CV2280	Irrigation Engineering Design and Drawing	2017	Employability/ Skill development (Design of irrigation purpose)			
CV2281	Highway Engineering Lab	2017	Employability/ Skill development(Deign of Road work)			
CV25A1	Design of Bridges	2017	Employability/ Skill development(Make use of the bridge work)			
CV25C4	Building Services	2017	Employability/ Skill development(Design of building work)			
CV22B8	Urban Planning and Management	2017	Employability/ Skill development(Design of building work)			
CV22B9	Finite Element Analysis	2017	Employability/ Skill development(Design of building work)			
CV22C1	Bridge Structures	2017	Employability/ Skill development(Design of building work)			
CV22C2	Docks and Harbour Engineering	2017	Employability/ Skill development(Design of			

			building work)		
CV22C3	Cartography	2017	Employability/ Skill development(Design of building work)		
CV22C4	Geographical Information System	2017	Employability/ Skill development(Design of building work)		
CV22C5	Construction Techniques, Equipment and Practice	2017	Employability/ Skill development(Design of building work)		
CV22C6	Computer Aided Design of Structure	2017	Employability/ Skill development(Design of building work)		
CV22C7	Construction Safety Engineering	2017	Employability/ Skill development(Design of building work)		
CV22C8	Experimental Stress Analysis	2017	Employability/ Skill development(Design of building work)		
CV22C9	Tall Buildings	2017	Employability/ Skill development(Design of building work)		
CV22D1	Wind and Cyclone Effects on Structures	2017	Employability/ Skill development(Design of building work)		
CV22D2	Storage Structures	2017	Employability/ Skill development(Design of building work)		
CV2284	Computer Aided Design & Drafting Laboratory	2017	Employability/ Skill development(Design of building work)		
CV2208	Strength of Materials – II	2017	Employability/ Skill development(Design of building work)		
CV2283	Structural Analysis & Design Lab (STAAD Pro)	2017	Employability/ Skill development(Design of building work)		
CV2216	Design of Reinforced Concrete Elements	2017	Employability/ Skill development(Design of Structural elements in Civil Engineering Structures		
CV2218	Advanced Design Structure	2017	Employability/ Skill development(To study the advanced methods of design in any civil engineering structures		
CV2219	Design of Steel Structures	2017	Employability/ Skill development(To know the fundamental uses of Steel in Reinforced Concrete)		
CV22B6	Environmental Impact Assessment	2017	Employability/ Skill development(To know the Environmental loss for controlling pollution)		
CV25C3	Disaster Resistant Structures	2017	Employability/ Skill development(To withstand earthquake forces in high rise building)		
EC2201	Electron Devices	2017	Employability (Selection of	http://www.niu	

			electron devices in different applications)	niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-ECE.pdf
EC2202	Electric Circuit Theory	2017	Employability(Analyzing balanced and unbalanced 3 phase circuits)	
EC2271	Electronic Devices and Circuit Theory Laboratory	2017	Employability (Selection of electron devices in different applications)	
EC2204	Electronic Circuits - I	2017	Employability (Design of Electronic system)	
EC2206	Digital Electronics	2017	Employability (Design of digital system)	
EC2272	Electronic Circuits - I Laboratory	2017	Employability (Design and simulation of Electronic system)	
EC2273	Digital Electronics Laboratory	2017	Employability(Design and simulation of digital system)	
EC2205	Analog Integrated Circuits	2017	Employability(Design of Monolithic ICs)	
EC2207	Transmission Lines and Waveguides	2017	Employability (Measurement of transmission line parameters like VSWR and impedance)	
EC2209	Electronic Circuits-II	2017	Employability (Design of Electronic system)	
EC2210	Communication Theory	2017	Employability (Design of modulation system)	
EC2274	Analog Communication Laboratory	2017	Employability (Design of modulators and demodulators)	
EC2275	Electronic Circuits-II Laboratory	2017	Employability (Design and simulation of Electronic system)	
EC2277	Integrated Circuits Laboratory	2017	Employability (Design of Electronic system using ICs)	
EC2211	Control System Engineering	2017	Employability (Design of controllers and compensators)	
EC2212	Digital Signal Processing	2017	Employability (Design of digital filters, decimator and interpolator)	
EC2213	Digital Communication	2017	Employability(make use of Digital communication techniques)	
EC2214	Computer Communication	2017	Employability/Skill development (Verify networks are error free end-to-end)	
EC2215	Advanced Microprocessor and Microcontrollers	2017	Employability/ Entrepreneurship (Development of smart systems)	
EC2276	Microprocessor and Microcontrollers Laboratory	2017	Employability/ Entrepreneurship (Development of smart systems)	

	EC2278	Digital Communication Laboratory	2017	Employability (make use of Digital communication techniques)		
	EC2279	Digital Signal Processing Laboratory	2017	Employability (Design and simulation of Digital filters)		
	EC2216	Antenna &Wave Propagation	2017	Employability (Design of antenna based on radiation pattern)		
	EC2217	Image Processing	2017	Employability (Developing various image processing algorithms)		
	EC2218	Advanced Embedded Systems	2017	Employability/ Entrepreneurship (Design of controllers using ARM processor)		
	EC2280	Antenna & Wave Propagation Laboratory	2017	Employability/Skill Development-Radiation characteristics of various types of antenna and the propagation of radio waves		
	EC2281	Image Processing Laboratory	2017	Employability/ Entrepreneurship (Developing and simulation of various image processing algorithms)		
	EC2282	Advanced Embedded System Laboratory	2017	Employability/Skill Development-Concepts of Arithmetic operations, Logical operations, interfacing and interrupt performance		
	EC2219	Wireless Communication and Networks	2017	Employability/Skill Development-Familiar with Wireless Communication and Networks with their standards		
	EC2220	Optical and Microwave Communication	2017	Employability/Skill Development-Active and passive devices and its applications used in Optical and Microwave communication systems.		
	EC2221	VLSI Technology	2017	Employability/Skill Development-Fundamental concepts and structures of designing digital VLSI systems		
	EC2284	Optical and Microwave Lab	2017	Employability/Skill Development-Working principle of optical sources, detector, fibers and microwave components.		

	EC2285	VLSI Lab	2017	Employability/Skill Development-Design and implement CMOS based Digital logic Circuits	
	EC22P5	Project Work	2017	Employability/Skill Development-Motivate and train the students to do project in thrust areas either in hardware/software	
	EC22P1	Mini Project	2017	Employability/Skill Development-Motivate and train the students to do project in thrust areas either in hardware/software	
	EC22B3	Medical Electronics	2017	Employability/Skill Development-Understand the applications of electronics in diagnostic and therapeutic area.	
	EC22B4	Mobile Communication	2017	Employability/Skill Development-Concepts of mobile communication using cellular environment.	
	EC22B5	Remote Sensing	2017	Employability/Skill Development-Principles, types and applications of Remote sensing,	
	EC22B6	Electronic Measurements and Instrumentation	2017	Employability/Skill Development-Concept of measurement and the related instrumentation requirement as a vital ingredient of electronics and communication engineering.	
	EC22A9	ARM Architecture and Programming	2017	Employability/ Entrepreneurship (Design of controllers using ARM processor)	
	EE2201	Circuit Theory	2017	Skill development(Resonance And Coupled Circuits)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-EEE.pdf
	EE2271	Electrical Workshop	2017	Skill development(Continuous evaluation and lab training)	
	EE2202	Electronic Devices & Circuits	2017	Skill development(Designing electronic circuits)	
	EE2203	Electrical Machines – I	2017	Employability(Government Electrical Works Department)	
	EE2272	Electrical Machines Laboratory – I	2017	Skill development(Continuous evaluation and lab training)	
	EE2204	Transmission, Distribution & Cables	2017	Employability(Electricity transmission and distribution organizations)	

	EE2205	Electrical Machines – II	2017	Employability(Government Electrical Works Department)		
	EE2206	Electromagnetic Theory	2017	Skill development(Continuous evaluation)		
	EE2273	Electrical Machines Laboratory – II	2017	Skill development(Continuous evaluation and lab training)		
	EE2207	Control systems	2017	Employability(Special Electrical Machines manufacturing industry)		
	EE2208	Protection & Switchgear	2017	Employability(Electricity transmission and distribution organizations)		
	EE2209	Power Electronics	2017	Employability(Electric power generating installations)		
	EE2210	Digital system	2017	Employability(Designing digital circuits)		
	EE2275	Power Electronics Laboratory	2017	Skill development(Continuous evaluation and lab training)		
	EE2211	Electrical Measurement and Instrumentation	2017	Employability(Testing process in electrical machines)		
	EE2212	Power System Analysis	2017	Employability(Designing power system elements)		
	EE2213	Solid State Drives& Control	2017	Employability(Electric power generating installations)		
	EE2276	Electrical Measurement and Instrumentation Laboratory	2017	Skill development(Continuous evaluation and lab training)		
	EE2277	Power system Simulation Laboratory	2017	Skill development(Continuous evaluation and lab training)		
	EE2278	Electronic Design Lab	2017	Skill development(Continuous evaluation and lab training)		
	EE22A4	Principles Of Robotics	2017	Employability(Machine learning techniques)		
	EE22A9	High Voltage Direct Current Transmission	2017	Employability(Electric power generating installations)		
	EE2214	Design of Electrical Apparatus	2017	Employability(Electrical machine design)		
	EE2223	Electric Energy Generation, Utilization and Conservation	2017	Employability(Electric power generating installations)		
	EE22B5	Power System Operation And Control	2017	Employability(Forward dynamic programming approach)		
	EE22B1	Smart Grid	2017	Skill development(Continuous evaluation)		
	EE22B2	Renewable Energy Sources	2017	Employability(Special Electrical Machines manufacturing industry)		

	EE22B3	Special Electrical Machines	2017	Employability(Special Electrical Machines manufacturing industry)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-EIE.pdf	
	EE22A1	Advanced Control System	2017	Skill Development(Continuous evaluation)		
	EE22A2	Power Systems Stability	2017	Skill Development(Continuous evaluation)		
	EE22A3	Modern Power Converters	2017	Employability(Electric power generating installations)		
	EE22A6	Flexible AC Transmission Systems	2017	Skill Development(Continuous evaluation)		
	EE25A6	Internet Working and Multimedia	2017	Employability(Web developing)		
	EE25A7	DSP Integrated Circuits	2017	Skill development(Continuous evaluation)		
	EE25A8	High Speed Switching Architectures	2017	Skill development(Continuous evaluation)		
	EE25A9	CADD for VLSI Circuits	2017	Skill Development(Designing circuits in AUTOCADD)		
	EE25B1	Data Converters	2017	Skill Development(Continuous evaluation)		
	EI2207	Virtual Instrumentation	2017	Employability (Focus on data acquisition and exposure to VI using Labview software)		
	EI2211	Industrial Instrumentation	2017	Employability (learning pressure, temperature, flow and level measurements)		
	EI2276	Virtual Instrumentation Laboratory	2017	Employability/ Skill development (learning simulation of real time applications using Labview software)		
	EI2277	Industrial Instrumentation Laboratory	2017	Employability/ Skill development (Make aware of calibration and working of industrial instruments)		
	EE2274	Control Systems Laboratory	2017	Employability (learning controller tuning, final control elements and advanced control systems)		
	EI2212	Process Control	2017	Skill development (learning about process modeling, final control elements, controllers, tuning and model control schemes with case studies)		
	EI2213	Embedded Instrumentation System	2017	Employability (enable acquiring knowledge on learning about microcontroller and		

				embedded system projects)		
	EI22A1	Robotics and Automation	2017	Skill development (learning about process control systems)		
	EI22A7	Artificial Intelligence for Robotics	2017	Employability/ Skill development (Focus on fundamentals of virtual instrumentation and simple applications using Labview software)		
	EI2279	Design Project Laboratory	2017	Skill Development (focus on signal conditioning circuits, controllers and process documentation)		
	EI2278	Process Control Laboratory	2017	Skill development (learning about process control systems)		
	EI2280	Embedded Instrumentation System Laboratory	2017	Employability/ Skill development (enable acquiring practical skills on learning about microcontroller and embedded system projects)		
	EI2217	Logic and Distributed Control System	2017	Employability/Skill Development-Knowledge in understanding about the various automation technologies adopted in core industries.		
	EI2282	Industrial Automation Laboratory	2017	Employability/Skill Development-Give practical knowledge to students regarding automation in industries.		
	EI22A5	Nuclear Instrumentation	2017	Employability/Skill Development-concepts of nuclear Instrumentation and its applications in medicines and industry.		
	EI22B5	Instrumentation in Petrochemical Industries	2017	Employability/Skill Development-Familiar with instrumentation applied in petrochemical industries.		
	EI2504	Advanced Process Control	2017	Employability/Skill Development-Knowledge of controllers, find control elements and the processes.		
	EI2571	Process Control Laboratory	2017	Employability/Skill Development-Process control concepts on the selected process control loops.		
	EI2507	Process Instrument Design	2017	Employability/Skill Development-Knowledge in the designing of process instruments.		
	EI2508	Industrial Instrumentation	2017	Employability/Skill Development-Relevant knowledge to suit the		

				industrial requirement.		
EI2572	Instrumentation System Design Laboratory	2017		Employability/Skill Development- Knowledge and expertise the design of filters, amplifiers, converters, transmitters, signal conditioning circuits and Instrumentation documentation preparation		
IT2201	Object Oriented Programming using C++	2017		Employability/ Skill development (Programming skills in C++)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-IT.pdf	
IT2271	Object Oriented Programming using C++ Laboratory	2017		Employability/ Skill development (Programming skills in C++)		
IT2202	Computer System Architecture	2017		Employability/Skill Development-Basic structure of a digital computer		
IT2203	Java Programming	2017		Employability/ Skill development (Application Developments)		
IT2204	Data Structures	2017		Employability/ Skill development (Software development)		
IT2205	Database System Concepts	2017		Employability/ Skill development (Design database and access data)		
IT2272	Java Programming Laboratory	2017		Employability/ Skill development (Application Developments)		
IT2273	Data Structures Laboratory	2017		Employability/ Skill development (Software development)		
IT2274	Database System Laboratory	2017		Employability/ Skill development (Design database and access data)		
IT2206	Principles of Compiler Design	2017		Employability/Skill Development-Understand the principles of a compiler.		
IT2207	Design and Analysis of Algorithms	2017		Employability/ Skill development (Design algorithms to solve the real world problems)		
IT2208	Software Engineering Principles	2017		Employability/ Skill development (Design and develop software applications)		
IT2209	Operating Systems	2017		Employability/ Skill development (System development)		
IT2210	Data Communication and Computer Networks	2017		Employability/ Skill development (Design communication networks)		
IT2275	Operating System Concepts Laboratory	2017		Employability/ Skill development (System development)		
IT2276	Algorithms Analysis Laboratory	2017		Employability/ Skill development (Design		

				algorithms to solve the real world problems)		
	IT2277	Computer Networks Laboratory	2017	Employability/ Skill development (Design communication networks)		
	IT2211	Cyber Security Fundamentals	2017	Employability/ Skill development (Security Architect)		
	IT2213	Mobile Computing	2017	Employability/ Skill development (Develop mobile applications)		
	IT2214	Object Oriented Modeling	2017	Employability/ Skill development (System analysis)		
	IT2215	Web Technology	2017	Employability/ Skill development (Develop web applications)		
	IT2278	Mobile Computing Laboratory	2017	Employability/ Skill development (Develop mobile applications)		
	IT2279	Object Oriented Modeling Laboratory	2017	Employability/ Skill development (System analysis)		
	IT2280	Web Technology Lab	2017	Employability/ Skill development (Develop web applications)		
	IT2217	Applied Cryptography	2017	Employability (Design algorithms for secured communication)		
	IT2218	Information Theory and Coding	2017	Employability/Skill Development- Fundamental concepts of information theory: data compaction, data compression, data transmission, error detection and correction.		
	IT2219	Embedded Systems	2017	Employability (Design Microcontroller based systems)		
	IT2220	Graphics and Multimedia	2017	Employability (Developing animations)		
	IT2281	Cyber Security Laboratory	2017	Employability/ Skill development (Security Architect)		
	IT2282	Embedded Systems Laboratory	2017	Employability/ Skill development (Design Microcontroller based systems)		
	IT2283	Graphics and Multimedia Laboratory	2017	Employability/ Skill development (Developing animations)		
	IT2221	Data Analytics	2017	Employability/Skill Development-Exposure on big data, to understand the foundational skills in data analytics, and to study the techniques for determining the patterns		

				and structures within the raw data.		
	IT2222	Machine Learning	2017	Employability/Skill Development-Basics of machine learning algorithms with supervised, unsupervised and reinforcement learning techniques.		
	IT2223	Cloud Computing Concepts	2017	Employability/Skill Development-Foundational knowledge required for understanding cloud computing from a business perspective and emerging technology use cases enabled by cloud.		
	IT2284	Cyber Forensics Lab	2017	Employability/Skill Development-Various cyber tools and techniques		
	IT2285	Cloud Computing Lab	2017	Employability/Skill Development-Cloud tool kits and to design and implement applications on the cloud		
	IT22P1	Mini Project	2017	Employability/Skill Development-Concepts and techniques in machine learning and data analytics to real world problems		
	IT22P5	Project work	2017	Employability/ Skill development (Project Development)		
	IT22C1	Cyber Forensics and Incident Response	2017	Employability/Skill Development (Developing a proactive incident response)		
	IT22C3	Cyber Security and Forensics Tools	2017	Employability/ Skill development (Digital Forensics Analyst Network Forensics/Malware Analysis)		
	IT22C4	Cyber Law and Cyber Crime Investigation	2017	Employability/ Skill development (Digital forensic investigation)		
	IT22C5	Ethical Hacking	2017	Employability/ Skill development (Security Analyst)		
	IT22C6	Intrusion Detection and Prevention System	2017	Employability/ Skill development (Analyze and design security)		
	IT22C9	Risk Assessment and Security Audit	2017	Employability/ Skill development (Cyber Security Risk Analyst)		
	CF2602	Data structure using C++	2019	Employability/ Skill development (Software development)	http://www.niu.niv.com/IQAC/2020-	
	CF2603	Python Programming	2019	Employability/ Skill		

				development(Programming skills)	2021/CRITERION1/1.1.3/1-1-3-2020-2021-IT-BSc.pdf
CF2671	Data structure using C++ Lab	2019	Employability/ Skill development(Software development)		
CF2672	Python Lab	2019	Employability/ Skill development(Programming skills)		
CF2604	Operating Systems and System Software	2019	Employability/ Skill development (System development)		
CF2606	Fundamentals of Java Programming	2019	Employability/ Skill development(Application Developments)		
CF2673	Operating System and Networks Lab	2019	Employability/ Skill development(System development)		
CF2674	Fundamentals of Java Programming Lab	2019	Employability/ Skill development(Application Developments)		
CF2607	Software Engineering	2019	Employability/Skill Development- Methods and procedures for software development		
CF2608	Linux and PHP	2019	Employability/Skill Development-Provide the necessary knowledge to design and develop dynamic basic Linux commands and PHP programming.		
CF2609	Web Technology	2019	Employability/Skill Development-Dfferent technologies involved in Web Technology and various scripting languages.		
CF2610	Introduction to Cyber Forensics	2019	Employability/Skill Development-Techniques, tools and procedures available in the area of computer forensics.		
CF2675	web Technology Lab	2019	Employability/Skill Development-Develop programming skills in creating web pages.		
CF2676	Linux and PHP Lab	2019	Employability/Skill Development-Implement the basic Linux commands, shell programming and PHP programming		
CF2611	Networks and Information Security	2019	Employability/Skill Development-Secure a message over insecure channel by various means.		
CF2613	Internet Cryptography	2019	Employability/Skill Development-Basics for various cryptographic techniques and principles in Internet security		

				applications.		
	CF2614	Ethical Hacking	2019	Employability/Skill Development-Basic concepts of ethical hacking methodologies and the various hacking tools.		
	CF2615	Free and Open Source Software	2019	Employability/Skill Development-Knowledge to develop Linux basic programming and MYSQL database.		
	CF2677	Computer Security Lab	2019	Employability/Skill Development-Practice certain security settings, learn to use certain network security tools and Implement various cryptographic algorithms		
	CF2678	Ethical Hacking Lab	2019	Employability/Skill Development-Various ethical hacking tools and techniques and to identify the different vulnerabilities occur in the network and system.		
	CY2501	Applied Cryptography	2017	Employability (Design of algorithms for secured communication)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-IT-ME.pdf	
	CY2502	Advanced Data Structures and Algorithms	2017	Employability/ Skill development(Software development)		
	CY2503	Cyber Security Threats	2017	Employability/ Skill development(Security Architect)		
	CY2504	Advanced Operating System and its Security	2017	Employability/ Skill development(Software development)		
	CY2571	Operating System and Data Structures Laboratory	2017	Employability/ Skill development(Software development)		
	CY2505	Cybercrime Investigations and Digital Forensics	2017	Employability/ Skill development (Digital Forensics Analyst /Malware Analysis)		
	CY2506	Database Design and Security	2017	Employability/ Skill development (Design of database and access data)		
	CY2507	Distributed Systems Security	2017	Employability/ Skill development(System security architect)		
	CY2508	Advanced Network Security	2017	Employability/ Skill development(Design of Secured network)		
	CY2572	Database and Cyber Security Laboratory	2017	Employability/ Skill development (Design of database and access data / Security Architect)		
	CY2573	Cyber Crime Investigations Lab	2017	Employability/ Skill development (Digital		

				Forensics Analyst /Malware Analysis)		
	CY25P1	Project Work Phase – I	2017	Employability/ Skill development (Project Development)		
	CY25P5	Project Work Phase-II	2017	Employability/ Skill development (Project Development)		
	CY25A1	Ethical Hacking	2017	Employability/ Skill development(Security Analyst)		
	CY25A3	Biometric Security	2017	Employability/ Skill development(Design of Biometric systems)		
	CY25A8	Cyber Warfare	2017	Employability/Skill Development-Cyber Warfare		
	FS2211	Accident Investigation and Analysis	2017	Employability (Accident Investigation tools and techniques)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-3-2020-2021-FTSE.pdf	
	FS2205	Personal Protective Equipment's	2017	Skill development (Knowledge about PPE used in different industries)		
	FS2210	Basics of Emergency Life Support	2017	Skill development (First aid skills for safety professionals)		
	FS2275	Emergency Life Support Laboratory	2017	Skill development (First aid skills for safety professionals)		
	FS2280	Fire Safety Training Lab	2017	Skill development (Fire safety skills for firefighting professionals)		
	FS22T1	Industrial Training	2017	Employability/Skill Development-Fire safety skills		
	FS2220	Occupational Health And Industrial Hygiene	2017	Employability/Skill Development-(industrial hazards, occupational health and industrial hygiene)		
	FS22A9	Nuclear Engineering and Safety	2017	Employability (Safety guidelines and safety procedures in nuclear power plant		
	FS22B6	Safety in Petroleum &Petro chemical Industries	2017	Employability (Safety in oil and gas industries)		
	FS22B7	Safety in Construction	2017	Employability (knowledge about Safety in construction site)		
	FS22C1	Safety in Chemical Industries	2017	Employability (Safety precaution and guidelines in chemical processing industries)		
	FS2219	Disaster Management	2017	Skill Development (Lifesaving skills in emergency situation)		
	FS2217	Advanced Safety Engineering and	2017	Employability (Knowledge about Safety Management)		

		Management				
	FS22B9	Building Safety and Traffic Safety	2017	Skill Development (Road safety skills)		
	FS2221	Industrial Safety, Health and Environment Acts	2017	Employability/Skill Development-Industrial Safety, Health and Environment Acts+D599		
	FS2282	Fire, Smoke Modeling and Analysis Lab	2017	Employability (Software Tools used for effects of fire and smoke in particular zones)		
	FS22A6	OHSAS 18000 and ISO: 14000	2017	Employability(OSHAS,ISO 14000 standards and implementation)		
	FS22B4	Legal Aspects of Health Safety and Environment	2017	Employability (Acts and guidelines)		
	FS22C2	Safety in mines	2017	Employability (Safety procedures in mining industries)		
	FS22B1	Fire Dynamics	2017	Employability (Characters and effects of fires)		
	FS2278	Computer Aided Design Lab	2017	Employability (knowledge about design of basic components and fire safety layouts for buildings)		
	FS2218	Building Science and Transportation Engineering	2017	Skill Development(Knowledge about building codes and safety sign)		
	ME2201	Engineering Graphics	2017	Employability Design the part structures	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-MECH.pdf	
	ME2202	Manufacturing Technology –I	2017	Employability Manufacturing of components		
	CM2505	Computer Aided Manufacturing	2017	Skill Des elopement Manufacturing processes using computer		
	CM25A4	Automated Material Handling Systems	2017	Employability Handling the equipment's		
	CM25A1	Supply Chain Management	2017	Skill Development management studies		
	CM2508	Manufacturing System Simulation	2017	skill developmentmanufacturing system simulation		
	CM2571	CIM Laboratory - I	2017	Employability Computer Processes		
	TE2501	Advanced Fluid Mechanics	2017	Skill Development Fluid flows		
	TE2502	Advanced Thermodynamics	2017	Skill Development Thermodynamic analysis		
	TE2505	Design of Heat Exchangers	2017	Skill Development heat exchangers		
	TE2571	Thermal Engineering Laboratory - I	2017	Employability Thermal studies		
	ME2203	Engineering	2017	Skill Development		

		Thermodynamics		Thermodynamic analysis		
	ME2204	Fluid Mechanics and Machinery	2017	Skill Development Fluid velocity & density		
	ME2206	Manufacturing Processes –II	2017	Employability Manufacturing of components		
	ME2273	Fluid Mechanics and Machinery Lab	2017	Skill Development Fluid velocity & density		
	ME2275	Manufacturing Processes Technology Lab – II	2017	Employability Manufacturing of components		
	ME2225	Thermal Engineering	2017	Employability Thermal heat transfers		
	ME2210	Strength of Materials	2017	Employability Material Strength		
	ME2207	Engineering Materials and Metallurgy	2017	Skill Development Materials composition		
	ME2278	Strength of Materials Lab	2017	Employability Material Strength		
	ME2277	Thermal Engineering Lab -I	2017	Employability Thermal heat transfers		
	ME2280	Manufacturing Processes Laboratory – III	2017	Employability Manufacturing of components		
	ME2215	Mechanical Measurements and Metrology	2017	Skill Development Measure the devices		
	ME2214	Finite Element Analysis	2017	Employability/Skill Development-		
	ME2212	Design of Machine Elements	2017	Skill Development Design the components		
	ME2213	Dynamics of Machinery	2017	Skill Development dynamic forces		
	ME2281	Thermal Engineering Lab -II	2017	Employability Thermal heat transfers		
	ME2286	Mechatronics Lab	2017	Employability Design the part structures using computer		
	ME2218	Mechatronics	2017	Skill development of mechanical and electrical devices		
	ME2216	Automobile Engineering	2017	Employability Handling the automobile parts		
	ME22D4	Industrial Safety Engineering	2017	Employability Industrial safety		
	ME2287	In Plant Training & Seminar	2017	Employability/Skill Development-Gain and experience knowledge about practical experience in industries.		
	ME2221	Operations Management	2017	Employability/Skill Development-Knowledge and training in Operations Management under limited resources for the production and business problems		
	ME2219	Design of Transmission Systems	2017	Employability/Skill Development-Knowledge in design of transmission		

				systems and to familiarize with latest technologies		
	ME2208	Heat and Mass Transfer	2017	Employability Thermal heat and mass transfers		
	ME2220	Energy Systems and Technologies	2017	Skill development energy systems technologies		
	ME22B9	mechanical handling systems	2017	Employability:Design of mechanical handling system		
	ME22B7	Industrial Engineering and Psychology	2017	Employability & Entrepreneurship:Industrial cycologist management		
	ME22E1	Design of Jigs Fixtures and press tools	2017	Employability & Entrepreneurship:Properties and Selection of Various Materials and mana ement		
	ME22D8	Rapid Manufacturing Technology	2017	Employability:Desin of parts		
	ME22A8	Python programming	2017	Employability:Programmin g works		
	ME22D9	Instrumentation and control	2017	Employability:Control the devices		
	ME2288	Simulation Lab -II	2017	Employability & Skill development: Production simulate the parts		
	MR2201	Communicative English & Sociology	2017	Skill development Language Skill Development	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-MARINE.pdf	
	MA2209	Mathematics – I	2017	Skill development Mathematical Knowledge Improvement		
	EE2218	Basic Electrical & Electronics Engineering	2017	Skill development Basics Knowledge on Electrical & Electronics Engg.		
	MR2203	Engineering Mechanics – I	2017	Skill development Basics on Mechanics		
	MR2204	Workshop Technology	2017	Skill development Knowledge on Machine Tools		
	MR2205	Geometrical Drawing	2017	Skill development Knowledge on Drawing		
	EE2282	Basic Electrical & Electronics Engineering Laboratory	2017	Skill development Basics Knowledge on Electrical & Electronics Engg.		
	MR2271	Workshop Practicals - I	2017	Skill development Practical Knowledge on Basic Machines		
	MR2206	Seamanship, Elementary Navigation & Survival at sea	2017	Employability Knowledge on Technical Terms in Ship		
	MA2210	Mathematics-II	2017	Skill development Mathematical Knowledge Improvement		
	MR2207	Applied Thermodynamics-I	2017	Skill development Basics on Thermal Engineering		
	CS2223	Computer Science	2017	Skill development Basic Knowledge on computer		
	MR2209	Engineering Mechanics	2017	Skill development		

	– II		Advances on Mechanics	
MR2210	Engineering & Machine Drawing	2017	Skill development Drawing Skill Development	
MR2272	Applied Mechanics Laboratory	2017	Skill development Practical Knowledge on Mechanics	
MR2273	Workshop Practicals – II	2017	Skill development Practical Knowledge on Machine tools	
CS2284	Computer Laboratory - I	2017	Skill development Practical Knowledge on computer	
MA2211	Computational Mathematics	2017	Skill development Mathematical Knowledge Improvement	
EC2225	Electronics	2017	Skill development Basic Knowledge on Electronics	
MR2211	Applied Thermodynamics - II	2017	Skill development Basics on Thermal Engineering	
MR2212	Strength of Materials – II	2017	Skill development Advances on Material Characterization	
MR2214	Electrical Machines - I	2017	Skill development Knowledge on Electrical Machines	
MR2215	Marine Engineering Drawing	2017	Skill development Marine Drawing Skill Development	
EC2294	Electronics Laboratory	2017	Skill development Practical Knowledge on Electronics	
CS2285	Computer Laboratory - II	2017	Skill development Practical Knowledge on computer	
MR2274	Workshop Practicals – III	2017	Skill development Practical Knowledge on Machine tools	
MR2216	Ship Structure & Construction	2017	Skill development Basic Knowledge on Ship Building	
MR2217	Marine Boilers & Steam Engineering	2017	Skill development Knowledge about various boilers	
MR2218	Mechanics of Machines – II	2017	Skill development Basics on Kinematics & Dynamics of Machine Elements	
MR2219	Electrical Machine - II	2017	Skill development Knowledge on Electrical Machines	
MR2220	Fluid Mechanics - I	2017	Skill development Basic Knowledge on properties of fluid	
MR2275	Heat & Boiler Chemical Laboratory	2017	Skill development Practical Knowledge on Chemicals & Thermal Engg.	
MR2276	Workshop Practicals - IV	2017	Skill development Practical Knowledge on Machine tools	
EI2283	Control Engineering Laboratory	2017	Skill development Practical Knowledge on Automations & Controls	
MR2223	Material Science	2017	Skill development Knowledge on Material Types, properties &	

				Applications		
	MR2224	Management Science & Economics	2017	Skill development Knowledge on Management at Shipping Industries		
	MR2225	Marine Internal Combustion Engine - I	2017	Skill development Basic Knowledge on Marine Engine Parts & Its Functions		
	MR2226	Fluid Mechanics - II	2017	Skill development Basic Knowledge on Turbines & Pumps		
	MR2227	Marine Auxiliary Machines - I	2017	Employability Ship Engine operating procedures and supporting equipment's functions		
	MR2228	Naval Architecture - I	2017	Skill development Basic Knowledge on Ship Constructions		
	MR2229	Elementary Design & Drawing	2017	Skill development Advanced Marine Drawing Skill Development		
	MR2277	Material Science Laboratory	2017	Skill development Practical Knowledge on Material Testings		
	MR2278	Mechanics & Fluid Laboratory	2017	Skill development Practical Knowledge on fluid Behaviour, controls and losses of Energy		
	MR2279	Marine Power Plant Operation - I	2017	Skill development Practical Knowledge on Ship Equipments		
	MR2230	Ship Fire Prevention & Control	2017	Skill development Knowledge on Fire Types and Extinguishes used		
	MR2231	Marine Internal Combustion Engine - II	2017	Skill development Advanced Knowledge on Marine Engine Parts & Its Functions		
	MR2232	Marine Electrical Technology	2017	Skill development Advanced Knowledge on Electrical Technologies		
	MR2234	Naval Architecture - II	2017	Skill development Advanced Knowledge on Ship Constructions		
	MR22A3	Environmental Science & Technology	2017	Skill development Basic Knowledge on Environmental safe conditions		
	MR2280	Fire Control & Life Saving Appliances Laboratory	2017	Skill development Practical Knowledge on Fire Control and operating lifesaving appliances		
	MR2281	Marine Power Plant Operation - II	2017	Skill development Practical Knowledge on Ship Equipment's		
	MR2282	Electrical Machines Laboratory	2017	Skill development Advanced Practical Knowledge on Electrical Machines		

	MR2283	On Board Training and Assessment	2017	Employability Practical Knowledge on Basic & Advances in Machine tools & Ship Equipments		
	MR2284	Environmental Project	2017	Skill development Practical Knowledge on duties & Operation of Ship by Engineers		
	MR2235	Ship Operation & Management	2017	Skill development Knowledge on Shipping controls & Managements		
	MR2236	Advanced Marine Control Engineering & Automation	2017	Skill development Knowledge on Advanced Shipping controls & automations		
	MR2237	IMO & Maritime Conventions	2017	Skill development Rules and Regulations in Shipping Industries		
	MR2238	Advanced Marine Technology	2017	Skill development Knowledge on Advances in Marine Technologies		
	MR2239	Engine Room Management	2017	Employability Efficient handling of Marine Engine Room		
	MR2240	Marine Machinery & System Design	2017	Skill development Advanced Knowledge on Machine Elements		
	MR2286	Simulator & Control Laboratory	2017	Employability Problem Rectification in Marine Engines		
	MR2287	Technical Paper & Project	2017	Skill development Practical Knowledge on Innovation in Engineering		
	MR22A7	Renewable Energy Sources & Applications	2017	Skill development Knowledge on renewable sources of Energy		
	MR2202	Basic Thermodynamics	2017	Skill development Basics on Thermal Engineering		
	MR2208	Strength of Materials – I	2017	Skill development Basics on Material Characters		
	MR2221	Marine Heat Engines & Marine Air Conditioning	2017	Skill development Advances on Thermal Engineering		
	MR2222	Practical Marine Automation	2017	Skill development Skills on Marine controllers		
	MR2213	Mechanics of Machines - I	2017	Skill development Basics on Kinematics & Dynamics of Machine Elements		
	NT25B1	Nano Lithography and MEMS	2017	Employability Semiconductor Industry / Hard disc manufacturing	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-NANO.pdf	
	NT2572	Characterization Of Nanomaterials Laboratory	2017	Employability Graphene Industry and Sensorsfield		
	NT25A3	Carbon Based Nanostructures	2017	Employability Materials Development and Applications industry		
	NT25A5	Drug Delivery systems	2017	Employability Pharmaceutical industry		

	NT2504	Molecular Biology & Genetic Engineering	2017	Employability/Skill Development-Molecular Mechanism	
	NT2204	Impedance and Electro Chemistry	2017	Employability/Skill Development-Understand impedance and electrochemistry from a fundamental perspective,	
	NT2206	Chemical Reaction Engineering	2017	Employability/Skill Development-Knowledge on different types of chemical reactors, the design of chemical reactors	
	BM2282	Bio Chemistry Lab	2017	Employability/Skill Development-Knowledge of Bio Chemistry	
	NT2216	Nano Electronics and Photonics	2017	Employability/Skill Development-sensors	
	NT2278	Sensors Laboratory	2017	Employability/Skill Development-Select and design suitable instruments to meet the requirements of industrial applications and various transducers used for the measurement of various physical quantities	
	NT2276	THIN FILM LABORATORY	2017	Employability Thin film and semiconducting industry	
	NT2214	Toxicology and Health Care	2017	Employability/Skill Development-Toxicology and Health Hazard	
	NT22A8	Vacuum sciences	2017	Employability Semiconductor Industry & Thin Film Industry	
	NT22B2	Polymer Nanocomposites	2017	Employability Dental & Implantable device manufacturing	
	NT22B1	Nanomaterials for Advanced Engineering	2017	Employability Nuclear Engg, Military and Defence	
	NT2573	Nanotechnology Applications Laboratory	2017	Entrepreneurship Skill development and Start-up	
	NT2275	Chemical Engineering lab	2017	Skill & Entrepreneurship Chemical processing & establishing chemical industry.	
	MS2502	Economics for Management	2017	Employability (apply economic concept into business practices)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-MBA.pdf
	MS2503	Organizational Behavior	2017	Employability(formulate Organizational structure)	
	MS2504	Accounting for Managers	2017	Employability (Analysis of Financial Statements)	
	MS2506	Executive Communication	2017	Entrepreneurship/ Skill development (make communication skill)	
	MS2507	Entrepreneurship Creativity & Innovation	2017	Entrepreneurship/ Skill development (make Small Enterprises)	

	MS2508	Marketing Management	2017	Employability (Design Digital marketing)		
	MS2509	Financial Management	2017	Employability (designing capital structure)		
	MS2510	Human Resource Management	2017	Employability(Design Recruitment and Selection Procedure, job designing)		
	MS2511	Production and Operations Management	2017	Employability (Design tools and techniques for Operations Management)		
	MS2513	Management Information Systems	2017	Employability(Make use of information systems in business decision-making)		
	MS2571	Business Application Software	2017	Employability/ Skill development (Make use of software packages in practical areas of management)		
	MS2514	International Business Environment	2017	Employability (Design Globalization of Business)		
	MS2515	Strategic Management	2017	Employability (Designing Organizational structure)		
	MS25A1	Services Marketing & Customer Relationship Management	2017	Employability (develop Service Design)		
	MS25A4	Sales Management	2017	Employability/Skill Development-Sales Management+D643		
	MS25A5	Consumer Behaviour	2017	Employability (Individual Determinants Of CB)		
	MS25B1	Capital Market	2017	Employability (developing Capital Market strategies)		
	MS25B2	Security Analysis and Portfolio Management	2017	Employability (Make use of Financial Services)		
	MS25C1	Industry Relations And Labour Welfare	2017	Employability (settle the industrial dispute)		
	MS25C4	Stress Management	2017	Employability (strategies to remove stress)		
	MS25C6	Training And Development	2017	Employability (Design training methods)		
	MS25D1	Supply Chain Management	2017	Employability (Design supply chain network)		
	MA2602	Business Statistics	2017	Employability (Scatter diagram, construction of simple and weighed price.)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-BBA.pdf	
	MS26A1	Human Resources Management	2017	Employability (plan, direct, and coordinate the administrative functions of an organization.)		
	MS26A3	Marketing Management	2017	Employability (Advertising, sales and media).		
	MS2611	E- Business	2017	Employment (maritime industry)		
	MS26A4	Business Law	2017	Employability (area of law that governs the employer-employee relationship)		
	MS26A2	Production And	2017	Career opportunities		

		Operations Management		(manufacturing, product planning and research)	
	MS26A6	Entrepreneurship Development	2017	Employability (Skill development is crucial to stimulate the process of economic development)	
	MS2613	RESEARCHMETHOD OLOGY	2017	Employability (research method is analysing existing data – the written feedback)	
	MS26A7	Consumer Behaviour	2017	Employment (Consumer Behaviour is a vivid build that combines various disciplines to evaluate the structure of the consumption)	
	MS26A8	Industrial Relation and Labour Welfare	2017	Employment (Labor Laws, HR/IR; Industrial Relations; Labor welfare; Trade Union; Plant)	
	MS2615	International Business	2017	Employment (International Business · Marketing · Finance · Economics · Human Resource Management · Operations Management · Management).	
	MS2616	Business Planning	2017	Employment (Business Planning Manager · Product Planner · Strategy Manager · Demand Planning Manager · Assistant Manager - Procurement Business Analyst).	
	CO1622	Auditing	2013	Employability (Internal Auditor)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-BCOM.pdf
	CO1625	International Trade Finance	2013	Employability (Forex Management)	
	CO1626	Advertising and Sales Promotion	2013	Skill development (Advertising Agencies)	
	CO1628	Merchant Banking	2013	Employability (Underwriters)	
	CO1630	Supply Chain Management	2013	Employability (Logistics Management)	
	CO1612	Principles of Management	2013	Employability (Recruitment and Selection)	
	CO1614	Production and Operation Management	2013	Employability (Operation Management)	
	CO1615	Advanced Accounting II	2013	Employability (Partnership Accounts)	
	CO1617	Marketing Management	2013	Employability (Product Planning and Policy)	
	CO1619	E - Commerce	2013	Skill development (Consumer Oriented Applications)	
	CA2513	Internet and Java Programming	2017	Employability and Skill development(Internet programming using JAVA)	http://www.niu.niv.com/IQAC/2020-
	CA2576	Network Programming	2017	Skill development (writing	

		Laboratory		computer programs that enable processes to communicate with each other across a computer network)	2021/CRITERION1/1.1.3/1-3-2020-2021-MCA.pdf	
	CA2577	Software Development CASE Tools Laboratory	2017	Skill Development (reduction of the time and cost of software development and the enhancement of the quality of the systems developed)		
	CA2578	Java Programming Laboratory	2017	Employability and Skill development(Software development)		
	CA2516	Android Programming	2017	Employability and Skill development(Mobile app development techniques)		
	CA2579	Visual Programming Laboratory	2017	Employability and Skill development		
	CA2580	Android Programming Laboratory	2017	Employability and Skill development(Mobile app development techniques)		
	CA2581	Report Writing And Presentation Skills Laboratory	2017	Skill development(how to structure, write and verbally present a professional report)		
	CA2519	Big Data Analytics	2017	Skill development (Hadoop data storage, process and analysis)		
	CA2582	XMLAndWebApplicationsLab	2017	Skill development (Develop web applications)		
	CA25P1	Project Work-Phase I	2017	Skill development (Project development)		
	CA25P5	ProjectWork-PhaseII	2017	Employability/ Skill development (Project development)		
	CA3571	DBMS Laboratory	2020	Skill development (Backend Design and implementation)		
	CA3572	Data Structures Using C Laboratory	2020	Skill development(Software development)		
	CA3574	Java Programming and Networking Laboratory	2020	Employability/Skill Development-Study about the Internet and Java Programming.		
	CA3506	Object Oriented Programming Using Java	2020	Employability/Skill Development-Internet and Java Programming.		
	CA3507	Problem Solving Using Python	2020	Employability/Skill Development-Know the basics of algorithmic problem solving. and to develop Python program		
	CA3573	Python Programming Laboratory	2020	Employability/Skill Development-Know the Python programming. and to develop Python program		

	SE2826	Cryptography	2017	Employability/Skill Development-Fundamental and mathematical knowledge of cryptography and its applications	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-SE.pdf
	SE2827	Advanced Java Programming	2017	Employability/Skill Development- Concepts and techniques of advanced JAVA programming	
	SE8A3	Virtualization and Cloud Computing	2017	Employability/Skill Development-Virtualization and Cloud Computing+D780	
	SE8A6	Extreme Programming	2017	Skill development &Employability(Project designer)	
	SE2831	Web Technology & Web Services	2017	Employability/Skill Development- Synthesis of web services with various cutting-edge web technologies	
	SE2832	Information Security	2017	Employability/Skill Development-Basics of C# .NET framework	
	SE28A6	Extreme Programming	2017	Employability/Skill Development-Excellent knowledge in Extreme Programming.	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-ENG.pdf
	EG27A1	Translation	2017	Employability(Enabling to act as Translators)	
	EG2709	Journalism and Mass Communication	2017	Employability(Promoting to work as Professionals in Radio, Television, Print and Social Media)	
	EG2714	Soft Skills	2017	Employability(Enhancing Personal and Professional skills to work in various sectors)	
	EG2717	Teaching of English	2017	Employability(Providing knowledge and training to work as English Teachers)	
	EG24A1	English Language Teaching	2017	Employability(Equipping with ELT to work as English Teachers at higher levels)	
	PH27A1	Physics Of Nanomaterials	2017	Employability (Synthesis and Characterization of Nanomaterials)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-PHY.pdf
	PH27A2	Alternate Fuels	2017	Employability (Identification, Utilization and characterization of alternate fuel)	
	PH27A3	Astronomy And Astrophysics	2017	Employability (space and satellite programs)	
	PH27A4	Crystal Growth And Characterization Techniques	2017	Employability (Able to synthesis and characterize the crystals)	
	PH27A5	Laser And Its	2017	Employability (Laser	

		Applications		principle, technology and application)	
	PH27A6	Molecular Biophysics And Biophysical Methods	2017	Employability (Able to gain knowledge in molecular biophysical approach)	
	PH27A7	Solar Photovoltaics	2017	Employability (Principle and application of solar photovoltaics)	
	CH2708	Basic Principles of instrumentation technique	2017	Employability Skills (Lab chemist in industry)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-CHEM.pdf
	CH2771	Organic Chemistry Lab	2017	Employability Skills (related to pharma industries)	
	CH2772	Inorganic Chemistry Lab	2017	Employability Skills (related to water and soil analysis)	
	CH2773	Physical Chemistry Lab	2017	Employability Skills (related to chemical industries)	
	MA2704	Fuzzy Mathematics	2017	Employability/Skill Development-Fuzzy Measures and Fuzzy Algebra	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-MATHS.pdf
	MA2707	Numerical Analysis	2017	Employability/Skill Development-Numerical Integration and Differentiation	
	MA27A8	Number Theory	2017	Employability/Skill Development-Congruences ,numerical functions	
	MA2710	Mathematical Statistics	2017	Employability/Skill Development-Statistics and standard distributions	
	FS2601	Basic of Forensic Science	2017	Skill development courses(Basic concept of crime, detection of crime and role of forensic science in crime detection)	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Forensic-Science.pdf
	FS2604	Basic of Forensic Biology	2017	Skill development courses-Learn about cell structure, Sex - determination. taxonomy, bioinstrumentation.	
	FS2606	Introduction to Computer	2017	Skill development courses-Types of computers, Hardware and Operating system	
	FS2607	Basic of Digital and Cyber Forensics	2017	Employability-Basics of computers and its application in Forensics	
	FS2608	Forensic Dermatoglyphics	2017	Skill development courses-Fundamental knowledge in the field of Dermatoglyphics and to find out the necessary	

				details in the forensic aspects		
	FS2609	Forensic Ballistics	2017	Skill development courses- Fundamental knowledge in the field ballistics to the students in the forensic aspects.		
	FS2611	Advanced Forensic Psychology	2017	Skill development courses- Knowledge in application of forensic psychology in criminal justice		
	FS2677	Basic of Digital and Cyber Forensics Lab	2017	Employability/Skill Development-Knowledge in Use of internet- visiting websites with given URL, searching information using search engine.		
	FS2678	Forensic Dermatoglyphics Lab	2017	Employability/Skill Development- Practical knowledge in the field dermatoglyphics in the forensic aspects		
	FS2612	Technological Methods in Forensic Science	2017	Skill development courses- fundamental knowledge in the field instrumentation to the students in the forensic aspects.		
	FS2613	Forensic Medicine	2017	Skill development courses- Fundamental knowledge in the field of forensic medicine to the students in the forensic aspects.		
	FS2614	Forensic Molecular Biology	2017	Employability-Knowledge in DNA isolation, cloning and hybridization techniques.		
	FS2615	Advanced Digital and Cyber Forensic	2017	Skill development courses- Basics of principles, practice and applications science		
	FS2616	Criminal Law	2017	Skill development courses (Indian Constitution and Laws)		
	FS2617	Questioned Documents & Handwriting Examination	2017	Employability (Examining the documents and signature)		
	FS2618	Forensic Anthropology	2017	Skill development courses (Collecting Anthropology evidence)		
	FS2619	Criminalistics	2017	Skill development courses (Crime Scene Investigation)		
	FS2620	DNA Fingerprinting	2017	Employability (DNA Fingerprinting Technique)		
	FS2621	Forensic Toxicology	2017	Skill development courses (Analysis of Toxic Content)		
	FS2622	Crime and Society	2017	Skill development courses (Investigation of Crime)		
	FS2623	Accident Investigation	2017	Skill development courses (To investigate accidents)		

	FS2624	Police Science	2017	Skill development courses (State and central police organization)	
	FS2625	Forensic Science and Society	2017	Skill development courses (Biometric process and evaluation)	
	FS2626	Arson & Explosive Examination	2017	Skill development courses (Investigate fire scenes and explosive)	
	FS2686	Accident Investigation Lab	2017	Employability/Skill Development- Accidental investigation in the Forensic aspects	
	BM2603	Biophysics & Instrumentation	2017	Skill development courses- Understand with general Molecular Biological Equipments	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Human-Genetics.pdf
	BM2605	Organic Mechanisms in Biology	2017	Skill development courses- Organic mechanism in biology, common mechanisms, metabolisms and synthesis, degradation processes.	
	BM2606	Plant Genetics	2017	Skill development courses- Molecular biology of plant, Plant breeding and Crop improvement.	
	BM2607	Introduction to Computer	2017	Employability-Basics of Computer and operating system.	
	BM2608	Principles of Immunology	2017	Skill development courses- Knowledge of the different elements of the immune system.	
	BM2674	Cytogenetic Techniques Lab	2017	Skill development courses- Development, Signalling pathways, Developmental mechanism and genetics of metamorphosis process.	
	BM2675	Introduction to Computer Lab	2017	Employability-Basics of Computer and operating system.	
	BM2676	Immunology Lab	2017	Skill development courses- Knowledge about the antigen antibody reactions.	
	BM2611	Tissue Culture Techniques and applications	2017	Skill development courses- Techniques in plant and animal tissue culture.	
	BM2612	Population & Evolutionary Genetics	2017	Skill development courses- Prokaryotic genome ,the organization and its life cycle	
	BM2614	Molecular Genetics	2017	Skill development courses- Knowledge in DNA isolation, cloning and hybridization techniques.	
	BM2615	Principles of Transmission Genetics	2017	Skill development courses- Science of genetics and inheritance patterns.	

	BM2616	Immunogenetics	2017	Skill development courses- Knowledge in Immune Systems, Immunoglobulins, Major histocompatibility and Auto Immunity		
	BM2617	Developmental Genetics	2017	Skill development courses- development, Signalling pathways, Developmental mechanism and genetics of metamorphosis process.		
	BM2618	Bioinformatics	2017	Skill development courses (Researcher in bioinformatics)		
	BM2619	Genomics and Proteomics	2017	Skill development courses (High throughput analysis in genomics lab)		
	BM2620	Recombinant DNA Technology	2017	Skill development courses (Genetic engineering lab)		
	BM2621	Medical Biotechnology & Clinical diagnostics	2017	Employability (Clinical Laboratories)		
	BM2624	Model Organisms in Human Genome project	2017	Skill development courses (Human genome project)		
	BM2625	Reproductive and Cancer Genetics	2017	Skill development courses (IVF lab and oncology lab)		
	BM2626	Molecular Human Genetics	2017	Skill development courses (Pathology Lab)		
	BM2627	Clinical Genetics	2017	Skill development courses (Genome imprinting labs)		
	BM2628	Bioethics and Biosafety	2017	Skill development courses		
	BM2683	Recombinant DNA Technology lab	2017	Employability (Genetic engineering lab)		
	BM2684	Medical Biotechnology & Clinical lab	2017	Skill development courses (Clinical diagnostic laboratories)		
	CT2603	Cardiac Evaluation and Therapies -I	2017	Skill development courses (Management for cardiac diseases)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Cardiac-Care.pdf	
	CT2602	Basic Cardiac Evaluation Therapies	2017	Employability/Skill Development-Knowledge in variety of disease types and their management		
	CT2604	Cardiac Evaluation and Therapies -II	2017	Skill development courses (Invasive cardiology techniques)		
	CT2605	Cardiac Evaluation and Therapies -III	2017	Skill development courses (Non-Invasive cardiology techniques)		
	CT2606	Biomedical Engineering Devices for cardiac care technology	2017	Employability (Cardiac Biomedical Devices operating)		
	CT2607	Advanced Cardiac Care Technology -I	2017	Skill development courses (Invasive and Non-Invasive cardiology techniques)		
	CT2608	Advanced Cardiac Care Technology -II	2017	Employability (Cardiac care technician)		
	CT2609	Applied Coronary Angiography and	2017	Skill development courses (Surgical Management for		

		Echocardiography		cardiac diseases)	
	CT2678	Applied Coronary Angiography and Echocardiographyh Lab	2017	Employability/Skill Development-Learn about the basics of coronary angiography.	
	CT2610	Basic Intensive Care	2017	Skill development courses-Basic intensive care concepts by applying the knowledge of patient care, anatomy, physiology and medical disorders.	
	CT2601	Basic Cardiac Care Technology	2017	Skill development courses-Basic concepts of Applied anatomy and physiology of human heart.	
	SA2601	Communication Sciences	2019	Skill development courses-Knowledge about basic concepts in speech, hearing, language and communication	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Audiology.pdf
	SA2602	Anatomy and Physiology of Speech and Hearing	2019	Skill development courses-Understand Anatomy and Physiology of auditory, Speech and Swallowing mechanism.	
	SA2603	Clinical Psychology	2019	Skill development courses-understand the scope of clinical psychology and its significance for speech and hearing	
	SA2604	Linguistics	2019	Employability-Understand branches and aspects of linguistics, characteristics and functions of language.	
	SA2605	Electronics and Acoustics	2019	Skill development courses-Understand the concept and types of power supply for biomedical instruments	
	SA2606	Research Methods and Statistics	2019	Skill development courses-Understand the basic concept of research in the field of audiology and speech-language pathology	
	SA2607	Neurology	2019	Employability-Understand the basic concepts of anatomy and physiology of nervous system related to speech and hearing	
	SA2608	Otolaryngology	2019	Skill development courses-Learn about otolaryngology	
	SA2609	Speech-Language Pathology	2019	Skill development courses-Learn about voice and its disorders	
	SA2610	Audiology	2019	Employability-Enhance knowledge about concepts in audiology	
	SA2611	Voice and its Disorders	2019	Employability/Skill Development-Learn about voice and its disorders	

	SA2612	Speech Sound Disorders	2019	Employability/Skill Development-Learn about speech sound disorders	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Perfusion-Technology.pdf
	SA2615	Motor Speech Disorder	2019	Employability/Skill Development-Motor Speech Disorder	
	SA2616	Language Disorders	2019	Employability/Skill Development-Language Disorders	
	BS2601	Anatomy	2017	Skill development courses-Describe the structure, composition and functions of the organ systems of human body	
	BS2602	Physiology	2017	Skill development courses-Modern technologies up to date knowledge in patient care.	
	BS2603	Basic Biochemistry	2017	Employability-Study the basics of Enzymes & Acid base balance, Nutrition, Blood chemistry & Urine	
	BS2605	General Pathology	2017	Skill development courses-Basics of scope of pathology, transfusion medicine ,clinical pathology.	
	BS2606	Microbiology	2017	Skill development courses-Basic principles and application relevance of clinical disease	
	BS2607	Pharmacology	2017	Skill development courses-Study the basics of drugs	
	BS2608	Psychology	2017	Skill development courses-Basics of process of learning in psychological perspective, therapeutic techniques and concept of counseling and relaxation.	
	BS2609	Introduction to Computer	2017	Employability-Basics of process of components of computer, softwares and hardwares.	
	BS26S1	Applied Pathology	2017	Skill development courses-study the pathology of disease condition and rule out the cause of diseases.	
	BS26S2	Applied Microbiology	2017	Skill development courses-Provides opportunities for practicing infection control measures in hospital settings and to know the importance of urinary tract infections.	
	PT2601	Introduction to Perfusion Technology	2017	Employability/Skill Development- Perfusion Technology+D796	
	BS26S3	Introduction Biomedical	2017	Employability-Introduction Biomedical Instrumentation	

		Instrumentation				
	BS26S4	Health care	2017	Skill development courses- Study the basics of process of concepts and dimensions of health and levels of health care.		
	BS26S5	Patient Care and Basic Nursing	2017	Employability/Skill Development-Patient Care and Basic Nursing		
	PT2602	Basics of Pumps, Oxygenators, Alerts. Blood Components	2017	Employability/Skill Development-Basics of Pumps, Oxygenators, Alerts. Blood Components		
	BS26S8	Basics of Medical Disorders	2017	Skill development courses- Students will acquire knowledge in variety of disease conditions and their management		
	BS26S6	Biostatistics and Research Methodology	2017	Skill development courses- Overview of data analysis and sampling techniques and to understand various study designs in medical field.		
	BS2679	Patient Care and Basic Nursing Laboratory	2017	Employability/Skill Development-Patient Care and Basic Nursing Laboratory		
	PT2672	Basics of Pumps, Oxygenators, Alerts. Blood Components Laboratory	2017	Employability/Skill Development-Basics of Pumps, Oxygenators, Alerts. Blood Components Laboratory		
	BS2680	Basics of Medical Disorders Laboratory	2017	Skill development courses (Treatment plans and patient monitoring strategies)		
	PT2603	Clinical Perfusion Technology	2017	Employability (Perfusion Technician)		
	PT2604	Myocardial Protection and Various Drugs used in CPB	2017	Skill development courses (Usage of drugs in myocardial protection)		
	PT2605	Cardiac, Thoracic and Vascular Surgical Disorders	2017	Employability (Perfusionist)		
	PT2606	Biomedical Engineering Devices for Perfusion Technology	2017	Skill development courses (Extracorporeal circuit operating)		
	BS26S9	Medical Ethics	2017	Skill development courses (Laws and ethics in health care)		
	PT2673	Clinical Perfusion Technology Laboratory	2017	Employability (Perfusionist)		
	PT2674	Myocardial Protection and Various Drugs used in CPB Laboratory	2017	Skill development courses (Usage of drugs in myocardial protection)		
	PT2675	Cardiac, Thoracic and	2017	Skill development courses		

		Vascular Surgical Disorders Laboratory		(Surgical disorders and management)	
	PT2607	Applied Perfusion Technology	2017	Employability (Perfusion Technician)	
	PT2609	Special Situations in Perfusion Technology	2017	Skill development courses (Operation of Heart Lung Machine)	
	PT2608	Advanced Perfusion Technology	2017	Skill development courses (Cardiac supportive devices)	
	PT2610	CPB Surgical Orientation	2017	Employability (Perfusionist)	
	BS26S0	Hospital Management	2017	Skill development courses (Quality management and biomedical waste management)	
	DT2601	Applied Pathology for Renal Dialysis Technology	2017	Employability/Skill Development-pathology of various disease conditions	http://www.niu.niv.com/IQAC/2020-2021/CRITERION1/1.1.3/1-1-3-2020-2021-AHS-Renal-Dialysis.pdf
	DT2602	Applied Micro Biology For Renal Dialysis Technology	2017	Employability/Skill Development-Sterilization, disinfection, devices associated infections.	
	DT2603	Introduction to Renal Dialysis Technology	2017	Employability/Skill Development-health educations and prevent the renal diseases.	
	DT2604	Basic Concepts of Renal Disease	2017	Employability/Skill Development-electrolyte disorders	
	DT2605	Acute and chronic kidney diseases and nutrition	2017	Employability/Skill Development-kidney injury, insertion of intravenous catheters	
	DT2606	Hemodialysis – I	2017	Skill development courses (Dialysis technician)	
	DT2607	Hemodialysis – II	2017	Skill development courses (Dialysis technician)	
	DT2608	Hemodialysis – III	2017	Skill development courses (Alternative methods of management of renal failure such as SLED, SCUF, Hemofiltration, plasmapheresis.	
	DT2609	Biomedical Engineering Devices for renal dialysis technology	2017	Skill development courses (Setting up, placement and monitoring of dialysis machine)	
	DT2610	Peritoneal Dialysis	2017	Skill development courses (Care of patients with peritoneal dialysis)	
	DT2611	Dialysis in Special Situations	2017	Skill development courses (Care of childrens, ICU patients.	
	DT2612	Renal Disorders	2017	Skill development courses (Medical and surgical management of renal disorders)	
	DT2613	Renal Transplantation	2017	Skill development courses	

				(Consideration of transplantation and operative techniques)	
--	--	--	--	---	--

Key Indicator – 1.2 Academic Flexibility

Metric No.					
1.2.1 Q _n M	Number of new courses introduced of the total number of courses across all programs offered during the year				
			Year	2020-2021	
			Number	40	
	1.2.1 Number of new courses introduced of the total number of courses across all programs offered during the year				
	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.2.1/1-2-1-2020-2021-AME.pdf
	AC2222	Propeller	2017	Entrepreneurship/ Skill development Entrepreneurship/ Skill development(use of Aircraft propeller Maintenance)	
	AC2223	Piston Engine Maintenance	2017	Entrepreneurship/ Skill development(use of Aircraft piston engine Maintenance)	
	AC2224	Digital Techniques	2017	Entrepreneurship/ Skill development(Aircraft cockpit display)	
	AC2225	Electronic Instrument Systems	2017	Entrepreneurship/ Skill development(use of Aircraft instruments Maintenance)	
	AC2226	Turbine Aero plane Avionic Systems	2017	Entrepreneurship/ Skill development(use of Aircraft avionics Maintenance)	
	CS22A4	Fundamentals of Embedded Systems	2017	Employability (Embedded system design)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.2.1/1-2-1-2020-2021-CSE.pdf
	CS2218	Cloud Computing Techniques	2017	Employability(Deploy cloud services)	
	CS2283	Mobile Application Development Laboratory	2017	Employability(Design Mobile Applications)	
	CS2286	Cloud Computing Laboratory	2017	Employability(Deploy cloud services)	

	EC2280	Antenna and wave propagation laboratory	2017	Employability (Make use of radiation pattern of antennas)	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-ECE.pdf
	EC2219	Wireless Communication and Networks	2017	Employability (Make use of Wireless communication techniques)	
	EE2216	Soft Computing Techniques	2017	Skill development(Continuous evaluation)	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-EEE.pdf
	EE2280	VLSI Design Laboratory	2017	Skill development(Continuous evaluation and lab training)	
	EE2279	Power System Optimization Laboratory	2017	Skill development(Continuous evaluation and lab training)	
	EI2282	Industrial Automation Lab	2017	Employability/ Skill development (impart practical skills on automation technologies like PLCs, SCADA and DCS used in process industries.	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-EIE.pdf
	IT2221	Data Analytics	2017	Employability (Data analyst)	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-IT.pdf
	IT2222	Machine Learning	2017	Employability (Developing machine learning algorithms)	
	IT2284	Cyber Forensics Lab	2017	Employability (Developing cloud services)	
	IT2285	Cloud Computing Lab	2017	Employability/ Skill development (Digital Forensics Analyst Network Forensics/Malware Analysis)	
	IT22P1	Mini Project (Machine Learning and Data Analytics)	2017	Employability/ Skill development (Developing cloud services)	
	FS2221	Industrial Safety, Health and Environmental Acts	2017	Employability (Knowledge about different acts and norms in Safety)	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-FTSE.pdf
	FS2220	Occupational Health and Industrial Hygiene.	2017	Employability (Health and safety guidelines in industries and Hygiene in industry)	
	FS2222	Reliability and Maintenance Engineering	2017	Employability(knowledge about system reliability and	

				maintenance)	
	FS2281	Environmental Engineering Lab	2017	Employability (Software Tools used for effects of fire and smoke in particular zones)	
	FS2282	Fire, Smoke Modeling and Analysis Lab	2017	Employability(enhance skill about software used to predict the impacts fire and explosion Hazards)	
	NT2279	Sensors Lab	2017	Skill Skills related to usage of materials, electronic components and tools, designing experiments, conducting experiments.	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-NT.pdf
	NT2216	Nanoelectronics and Photonics	2017	Employability Electronics Industry	
	NT2214	Toxicology and Health care	2017	Employability Health care industry	
	CA3501	Digital Logic and Computer Organization	2020	Employability/ Skill development (Study the components and functionality of computer components)	http://www.niuniv.com/IQAC/2020-2021/CRITERIO N1/1.2.1/1-2-1-2020-2021-MCA.pdf
	CA3502	Operating System and System Software	2020	Employability/ Skill development (Study the functionality of computer components)	
	CA3503	Database Management System	2020	Entrepreneurship(Database designer, Database Administrator)	
	CA3504	DataStructuresUsing C Programming	2020	Employability, Skill Development (Software development)	
	CA3572	DataStructures UsingCLaboratory	2020	Employability, Skill Development (Software development)	
	CA3505	DataCommunication and Networks Programming	2020	Skill Development (Network Functionalities and programming)	
	CA3506	ObjectOrientedProgrammingUsingJava	2020	Employability, Skill Development (Software development)	
	CA3507	ProblemSolvingUsingPython	2020	Employability, Skill Development (Software development)	

	CA3573	PythonProgramming Laboratory	2020	Employability, Skill Development (Software development)			
	CA3574	JavaProgrammingand NetworksLaboratory	2020	Employability, Skill Development (Software development)			
	SE2827	Advanced JAVA Programming	2017	Skill development & Employability(Project Developer)	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.2.1/1-2-1-2020-2021-SE.pdf		
	BM2210	BIOMATERIALS & IMPLANTS	2017	Skill Hospitals and Health care instruments	http://www.niuniv.com/IQAC/2020-2021/CRITERION1/1.2.1/1-2-1-2020-2021-BME.pdf		
1.2.2 Q _n M	Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year						
	Year		2020-2021				
	Number		48				
1.2.2 Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year							
Progr amme Code	Programme name	Year of Intro ducti on	Status of imple metati on of CBCS / electiv e course syste m (Yes/ No)	Year of impleme tation of CBCS / elective course system	Year of revision (if any)	If revision has been carried out in the syllabus during the year, Percent age of content added or replace d	Link to the relevant document
AC22	B.E Aircraft Maintenance Engineering	2013	Yes	2013	2017	71	www.niuniv.com/IQAC/2020-2021/CRIT
AE22	B.E. Aeronautical Engineering	2009	Yes	2009	2017	30	

	AI22	B.E. Artificial Intelligence and Data Science	2020	Yes	2020	-	-	TERION 1/1.2.2/2020-2021-CBCS-ECS-1-2-2.pdf
	AS22	B.E. Aerospace Engineering	2009	Yes	2009	2017	25	
	AM22	B.E. Automobile Engineering	2009	Yes	2009	2017	20	
	BM22	B.E Biomedical Engineering	2009	Yes	2009	2017	25	
	CV22	B.E. Civil Engineering	2009	Yes	2009	2017	54	
	CS22	B.E. Computer Science and Engineering	2009	Yes	2009	2017	59	
	EC22	B.E. Electronics and Communication Engineering	2009	Yes	2009	2017	47	
	EE22	B.E. Electrical and Electronics Engineering	2009	Yes	2009	2017	33	
	EI22	B.E. Electronics and Instrumentation Engineering	2009	Yes	2009	2017	61	
	FT22	B.Tech - Fire Technology and safety Engineering	2011	Yes	2011	2017	44	
	IF22	B.Tech. Information Technology	2009	Yes	2009	2017	55	
	ME22	B.E- Mechanical Engineering	2009	Yes	2009	2017	34	
	MR22	B.E- Marine Engineering	2009	Yes	2009	-	-	
	NT22	B.Tech Nanotechnology	2011	Yes	2011	2017	55	
	RO22	B.E. Robotics and Information	2020	Yes	2020	-	-	
	MS26	BBA - Bachelor of Business Administration	2014	Yes	2014	2017	42	
	CO16	B.Com.- Bachelor of Commerce	2016	yes	2016	-	-	
	AE25	M.E. Aeronautical Engineering	2009	Yes	2009	2017	22	
	AM25	M.E. Automobile Engineering	2014	yes	2014	2017	10	
	EE25	M.E. Applied Electronics	2009	Yes	2009	2017	24	
	EC25	M.E. Communication	2009	Yes	2009	2017	28	

		Systems						
EI25	M.E. Control and Instrumentation Engineering	2009	Yes	2009	2017	20		
CS25	M.E. Computer Science and Engineering	2009	Yes	2009	2017	83		
TE25	M.E. Thermal Engineering	2009	Yes	2009	2017	20		
CM25	M.E. Computer Integrated Manufacturing	2009	Yes	2009	2017	10		
CV25	M.E. Structural Engineering	2009	Yes	2009	2017	57		
CY25	M.E. Cyber Security	2013	Yes	2013	2017	10		
NT25	M.Tech. Nanotechnology	2009	Yes	2009	2017	52		
SE25	M.E. Software Engineering	2009	Yes	2009	2017			
MS25	MBA Master of Business Administration	2009	Yes	2009	2017	55		
AI25	MBA Artificial Intelligence, Machine Learning and Deep Learning	2020	Yes	2020	-	-		
AV25	MBA - Aviation Management	2020	Yes	2020	-	-		
CA35	MCA Computer Applications	2009	Yes	2009	2020	55		
SE28	MSc Software Engineering	2011	Yes	2011	2017	4		
CH27	M.Sc Chemistry	2013	Yes	2013	2017	10		
EG27	M. A. English	2013	Yes	2013	2017	58		
MA27	M.Sc. Mathematics	2014	Yes	2014	2017	26		
PH27	M.Sc. Physics	2013	Yes	2013	2017	27		
HG37	M.Sc. Human Genetics and Molecular Biology	2016	yes	2016	-	-		
SA26	BASLP - Bachelor of Audiology and Speech Language Pathology	2019	yes	2019	-	-		
FS26	B.Sc. Forensic Science	2017	yes	2017	-	-		
BM26	B.Sc. Human Genetics and Molecular Biology	2017	yes	2017	-	-		
PT26	B.Sc. Perfusion Technology	2017	yes	2017	-	-		
DT26	B.Sc. Renal	2017	yes	2017	-	-		

		Dialysis Technology						
	CT26	B.Sc.Cardiac Care Technology	2017	yes	2017	-	-	
	IT26	B.Sc. Cyber Forensics	2019	yes	2019	-	-	

Key Indicator – 1.3 Curriculum Enrichment

Metric No.																						
1.3.1 Q _I M	<i>Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum</i> The institution integrates cross cutting issues relevant to gender, environment and sustainability, human values and ethics by introducing specific courses in the curriculum and various activities such as Orientation Programmes for first year students and counselling activities. The academic courses that address these issues are listed in the following Table. <table><tr><th>Course Code</th><th>Course Name</th><th>Factor Addressed</th></tr><tr><td>BS2103</td><td>Environmental Science</td><td>Environment and Sustainability</td></tr><tr><td>MS2201</td><td>Professional and Business Ethics</td><td>Human Values and Professional Ethics</td></tr><tr><td>MS2202</td><td>Principle of Management</td><td>Entrepreneurship</td></tr><tr><td>IT2216</td><td>Cyber Security</td><td>Cyber Crime</td></tr><tr><td>ME2213</td><td>Energy Systems and Technologies</td><td>Environment and Sustainability</td></tr><tr><td>FS22A7</td><td>Environmental Safety</td><td>Environment and Sustainability</td></tr></table> In addition to these courses, the institution has Women Development Cell (WDC), counselling cell and anti-ragging cell to deal with the issues relevant to gender, human values and ethics. WDC is constituted to facilitate women development & safety and respect to women. WDC looks into any complaint from girls & women staff.	Course Code	Course Name	Factor Addressed	BS2103	Environmental Science	Environment and Sustainability	MS2201	Professional and Business Ethics	Human Values and Professional Ethics	MS2202	Principle of Management	Entrepreneurship	IT2216	Cyber Security	Cyber Crime	ME2213	Energy Systems and Technologies	Environment and Sustainability	FS22A7	Environmental Safety	Environment and Sustainability
Course Code	Course Name	Factor Addressed																				
BS2103	Environmental Science	Environment and Sustainability																				
MS2201	Professional and Business Ethics	Human Values and Professional Ethics																				
MS2202	Principle of Management	Entrepreneurship																				
IT2216	Cyber Security	Cyber Crime																				
ME2213	Energy Systems and Technologies	Environment and Sustainability																				
FS22A7	Environmental Safety	Environment and Sustainability																				
1.3.2 Q _n M	<i>Number of value-added courses for imparting transferable and life skills offered during the year</i>																					

		Year	2020-2021					
		Number	13					
	1.3.2 Number of value-added courses for imparting transferable and life skills offered during the year 2020-2021							
	Name of the value added courses offered (with 30 or more contact hours)	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of the course	Number of students enrolled in the year	Number of Students completing the course in the year	
	Aptitude skill phase I	PAS2201	2020-2021	1	3 months	340	340	
	Aptitude skill phase II	PAS2202	2020-2021	1	3 months	340	340	
	Aptitude skill phase III	PAS2203	2020-2021	1	3 months	340	340	
	Aptitude skill phase IV	PAS2204	2020-2021	1	3 months	340	340	
	Reasoning Skills phase I	PRS2201	2020-2021	1	3 months	340	340	
	Reasoning Skills phase II	PRS2202	2020-2021	1	3 months	340	340	
	Reasoning Skills phase III	PRS2203	2020-2021	1	3 months	340	340	
	Software skill phase I	PSK2201	2020-2021	1	3 months	340	340	
	Software skill phase II	PSK2202	2020-2021	1	3 months	340	340	
	Soft Skills Phase I	PSS2201	2020-2021	1	3 months	340	340	
	Soft skills Phase II	PSS2202	2020-2021	1	3 months	340	340	
	Soft skill phase III	PSS2203	2020-2021	1	3 months	340	340	
	Soft skills Phase IV	PSS2204	2020-2021	1	3 months	340	340	
	1.3.3	Total number of students enrolled in the courses under 1.3.2 above						
	Q_nM	1.3.3.1: Number of students enrolled in value-added courses imparting transferable and life skills offered during the year						
		Year	2020-2021					
		Number	340					

	1.3.3 Total number of students enrolled in the courses under 1.3.2						
	Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
	Aptitude skill phase I	PAS2201	2020-2021	1	3 months	340	340
	Aptitude skill phase II	PAS2202	2020-2021	1	3 months	340	340
	Aptitude skill phase III	PAS2203	2020-2021	1	3 months	340	340
	Aptitude skill phase IV	PAS2204	2020-2021	1	3 months	340	340
	Reasoning Skills phase I	PRS2201	2020-2021	1	3 months	340	340
	Reasoning Skills phase II	PRS2202	2020-2021	1	3 months	340	340
	Reasoning Skills phase III	PRS2203	2020-2021	1	3 months	340	340
	Software skill phase I	PSK2201	2020-2021	1	3 months	340	340
	Software skill phase II	PSK2202	2020-2021	1	3 months	340	340
	Soft Skills Phase I	PSS2201	2020-2021	1	3 months	340	340
	Soft skills Phase II	PSS2202	2020-2021	1	3 months	340	340
	Soft skill phase III	PSS2203	2020-2021	1	3 months	340	340
	Soft skills Phase IV	PSS2204	2020-2021	1	3 months	340	340
1.3.4 Q _n M	Number of students undertaking field projects / research projects / internshipsduring the year						
				Year	2020-2021		
				Number	139		
1.3.4 Number of students undertaking field projects / research projects / internships during the year							
Program me name		Progra mme Code	List of students undertaking field projects /research projects / internships		Link to the relevant document		

	B.E Biomedical Engineering	BM22	Muhammed Anees	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-6.pdf	
	B.E Biomedical Engineering	BM22	Noufal Ismail	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-7.pdf	
	B.E Biomedical Engineering	BM22	Sauban Bin Yaseen	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-8.pdf	
	B.E Biomedical Engineering	BM22	Adhil S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-12.pdf	
	B.E Biomedical Engineering	BM22	AimyNazrin	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-13.pdf	
	B.E Biomedical Engineering	BM22	Shine Santhosh	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-14.pdf	
	B.E Biomedical Engineering	BM22	Shiyas	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-15.pdf	
	B.E Biomedical Engineering	BM22	Sneha Suresh	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-16.pdf	
	B.E Biomedical Engineering	BM22	Nitha M Hajira	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-17.pdf	
	B.E Biomedical Engineering	BM22	Prabishna	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-18.pdf	
	B.E Biomedical Engineering	BM22	SooryaLekshmi	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-21.pdf	
	B.E Biomedical Engineering	BM22	A parnaRanganadh	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-23.pdf	
	B.E Biomedical Engineering	BM22	SahlaSulfi	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-24.pdf	
	B.E Biomedical Engineering	BM22	Sibin S Binu	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-25.pdf	
	B.E Biomedical Engineering	BM22	Gipson S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-31.pdf	
	B.E Biomedical Engineering	BM22	Jackson P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-32.pdf	
	B.E Biomedical Engineering	BM22	SreelakshmiSubash	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-33.pdf	
	B.E Biomedical Engineering	BM22	Rumaiza N	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-34.pdf	
	B.E Biomedical Engineering	BM22	Jensha P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-35.pdf	
	B.E Biomedical	BM22	Aabin N	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-38.pdf	

Engineering				
B.E Biomedical Engineering	BM22	AjinaFathirna	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-39.pdf	
B.E Biomedical Engineering	BM22	AlfiyaM S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-40.pdf	
B.E Biomedical Engineering	BM22	Gokula Kannan y M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-41.pdf	
B.E Biomedical Engineering	BM22	Pooja Jayaram	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-43.pdf	
B.E Biomedical Engineering	BM22	Akhil B Ravi	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-44.pdf	
B.E Biomedical Engineering	BM22	Ranjan Raja	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-45.pdf	
B.E Biomedical Engineering	BM22	Sajin SM	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-46.pdf	
B.E Biomedical Engineering	BM22	Farid M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-48.pdf	
B.E Biomedical Engineering	BM22	Sajna Stanly	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-49.pdf	
B.E Biomedical Engineering	BM22	VibinWincy	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-50.pdf	
B.E Biomedical Engineering	BM22	Jinu B John	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-51.pdf	
B.E Biomedical Engineering	BM22	LoydPrabhath	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-52.pdf	
B.E Biomedical Engineering	BM22	Shahana Yasmin	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-55.pdf	
B.E Biomedical Engineering	BM22	Faisal R	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-58.pdf	
B.E Biomedical Engineering	BM22	John B james	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-59.pdf	
B.E Biomedical Engineering	BM22	Muhammed Aslam E	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-60.pdf	
B.E Biomedical Engineering	BM22	Noufal NS	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BME\BME-61.pdf	
B.E. Electronics and Instrumentat ion Engineering	EI12	Adil Shihab	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\EIE\EIE-6.pdf	
B.E.	EI12	Mohammed Yasin	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\EIE\EIE-6.pdf	

	Electronics and Instrumentation Engineering			CERTIFICATE\EIE\EIE-7.pdf	
	B.E. Electronics and Communication Engineering	EC22	Mohammed Hafiz Shihab	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\EIE\ECE-2.pdf	
	B.Tech - Fire Technology and Safety Engineering	FT22	Divya Dharshini D	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\FTSE.pdf	
	B.Sc Cardiac Care Technology	CT26	Aleena Joseph	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-1.pdf	
	B.Sc Cardiac Care Technology	CT26	Alfin K .S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-2.pdf	
	B.Sc Cardiac Care Technology	CT26	Aruja Robert	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-4.pdf	
	B.Sc Cardiac Care Technology	CT26	Jaseena .S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-8.pdf	
	B.Sc Cardiac Care Technology	CT26	Jipin J S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-9.pdf	
	B.Sc Cardiac Care Technology	CT26	N Hussain	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-11.pdf	
	B.Sc Cardiac Care Technology	CT26	Sajina .M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-12.pdf	
	B.Sc Cardiac Care Technology	CT26	Shijina Jalal	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-13.pdf	
	B.Sc Cardiac Care Technology	CT26	Sibin Jose .P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-14.pdf	
	B.Sc Cardiac Care Technology	CT26	Soundaya Devi	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-16.pdf	
	B.Sc Cardiac Care	CT26	Sheeba J	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCCT\BScCT-17.pdf	

	Technology				
	B.Sc Cardiac Care Technology	CT26	Shahanas Moammed	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-18.pdf	
	B.Sc Cardiac Care Technology	CT26	Meenu M Wilfred	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-19.pdf	
	B.Sc Cardiac Care Technology	CT26	Megha S	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-20.pdf	
	B.Sc Cardiac Care Technology	CT26	Bhavana Vinod	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-21.pdf	
	B.Sc Cardiac Care Technology	CT26	Annmol Kurian	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-22.pdf	
	B.Sc Cardiac Care Technology	CT26	Afraa Sabu	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-23.pdf	
	B.Sc Cardiac Care Technology	CT26	Salma Nizar	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-25.pdf	
	B.Sc Cardiac Care Technology	CT26	Sulekha Saju	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-26.pdf	
	B.Sc Cardiac Care Technology	CT26	Hamna Hamza	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-27.pdf	
	B.Sc Cardiac Care Technology	CT26	N Mymoona	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-28.pdf	
	B.Sc Cardiac Care Technology	CT26	Kiran G Krishnan	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCCT/BScCT-29.pdf	
	B.Sc Perfusion Technology	PT26	Anitha .B	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCPT/BScPT-1.pdf	
	B.Sc Perfusion Technology	PT26	Ann Jose	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCPT/BScPT-2.pdf	
	B.Sc Perfusion Technology	PT26	Ashik Muhammed	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCPT/BScPT-3.pdf	
	B.Sc Perfusion Technology	PT26	Johnsy Johny	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCPT/BScPT-4.pdf	
	B.Sc Perfusion	PT26	Jyoti Verma	WWW.NIUNIV.COM/NAAC/CRITERIA1/1.3.4/CERTIFICATE/BSCPT/BScPT-5.pdf	

	Technology				
	B.Sc Perfusion Technology	PT26	Sandra Vijayan	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-6.pdf	
	B.Sc Perfusion Technology	PT26	Naseeha K.N	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-8.pdf	
	B.Sc Perfusion Technology	PT26	Adithya V	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-9.pdf	
	B.Sc Perfusion Technology	PT26	Raihana Sakeer	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-12.pdf	
	B.Sc Perfusion Technology	PT26	Mumthas Sulfikar	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-13.pdf	
	B.Sc Perfusion Technology	PT26	Steby Sam	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-14.pdf	
	B.Sc Perfusion Technology	PT26	Athullya	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-15.pdf	
	B.Sc Perfusion Technology	PT26	Sabeena Latheef	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCPT\BScPT-16.pdf	
	B.Sc Renal Dialysis Technology	DT26	Anakha Binoop	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-1.pdf	
	B.Sc Renal Dialysis Technology	DT26	Archa Lekshmi B	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-2.pdf	
	B.Sc Renal Dialysis Technology	DT26	Jennath Beevi .A .H	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-3.pdf	
	B.Sc Renal Dialysis Technology	DT26	Lekshmi Suresh	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-4.pdf	
	B.Sc Renal Dialysis Technology	DT26	Shabana .S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-5.pdf	
	B.Sc Renal Dialysis Technology	DT26	Fathima Shihab	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-8.pdf	
	B.Sc Renal Dialysis Technology	DT26	Hajira N	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-9.pdf	
	B.Sc Renal Dialysis Technology	DT26	Athul S Dev	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-11.pdf	
	B.Sc Renal Dialysis Technology	DT26	Muhammed Rafi	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-12.pdf	
	B.Sc Renal Dialysis Technology	DT26	Bharath Jayan	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-13.pdf	
	B.Sc Renal Dialysis Technology	DT26	Bipin B S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-14.pdf	
	B.E Civil	CV22	Deepak Sasikumar	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\BSCRDT\BScRDT-14.pdf	

Engineering			ERTIFICATE\CIVIL\Civil-20.pdf	
B.E Civil Engineering	CV22	Sanjay R S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-21.pdf	
B.E Civil Engineering	CV22	Hassan Rawther	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-22.pdf	
B.E Civil Engineering	CV22	Rohith John Christy	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-23.pdf	
B.E Civil Engineering	CV22	Muhammed Juhas	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-24.pdf	
B.E Civil Engineering	CV22	Adith Nelson	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-26.pdf	
B.E Civil Engineering	CV22	Jameela Rani	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-30.pdf	
B.E Civil Engineering	CV22	Muhammed Jasin	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-31.pdf	
B.E Civil Engineering	CV22	Jijo Justin	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-32.pdf	
B.E Civil Engineering	CV22	Saifudeen Siyad	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-37.pdf	
B.E Civil Engineering	CV22	Binsagar Ali	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-38.pdf	
B.E Civil Engineering	CV22	Shahid S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\CIVIL\Civil-39.pdf	
B. Tech Information Technology	IT22	Nandana.G.Chandran	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\IT\IT-1.pdf	
B. Tech Information Technology	IT22	Karun Paul Thampy	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\IT\IT-2.pdf	
B. Tech Information Technology	IT22	Alona Shibu	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\IT\IT-3.pdf	
B.Tech Nano Technology	NT22	Saliha Marjuka	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\Nano Technology.pdf	
Master of Computer Applications	CA25	Hussain Fatima Shafana Jahirhussain	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-2.pdf	
Master of Computer Applications	CA25	Janani R	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-3.pdf	
Master of Computer Applications	CA25	Nadira S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-4.pdf	
Master of Computer Applications	CA25	Pavithra P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-5.pdf	
Master of Computer Applications	CA25	Rehab Fathima S M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-6.pdf	
Master of Computer Applications	CA25	Sruthi Lekshmi S N	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-7.pdf	
Master of Computer Applications	CA25	Vaikunda Mani S P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MCA\MCA-8.pdf	
Master of	CA25	Vaishnavi V S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\	

	Computer Applications			ERTIFICATE\MCA\MCA-9.pdf	
	Physics	PH22	Abin C Lal	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\Physics\Physics-1.pdf	
	Physics	PH22	Arya Rajan	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\Physics\Physics-2.pdf	
	MBA Business Administration	MS25	Achu J	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-1.pdf	
	MBA Business Administration	MS25	Afrar A	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-2.pdf	
	MBA Business Administration	MS25	Ajith Kumar R V	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-3.pdf	
	MBA Business Administration	MS25	Akshai J G	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-4.pdf	
	MBA Business Administration	MS25	Al Fawas	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-5.pdf	
	MBA Business Administration	MS25	Anoop R P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-8.pdf	
	MBA Business Administration	MS25	Anulakshmi M.R	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-9.pdf	
	MBA Business Administration	MS25	Bachu K S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-11.pdf	
	MBA Business Administration	MS25	Gokul Krishnan B S	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-12.pdf	
	MBA Business Administration	MS25	Harikrishnan M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-14.pdf	
	MBA Business Administration	MS25	Jency Shalom D	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-15.pdf	
	MBA Business Administration	MS25	Jenith J	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-16.pdf	
	MBA Business Administration	MS25	Jini C	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-17.pdf	
	MBA	MS25	Karun Radhakrishnan	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\	

	Business Administration			CERTIFICATE\MBA\MBA-19.pdf	
	MBA Business Administration	MS25	Kiran Sree	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-20.pdf	
	MBA Business Administration	MS25	Mohamed Manzoor M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-21.pdf	
	MBA Business Administration	MS25	Mohamed Thahir Appa M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-22.pdf	
	MBA Business Administration	MS25	Muhammed Dilshad P	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-24.pdf	
	MBA Business Administration	MS25	Muhammed Yaseen	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-25.pdf	
	MBA Business Administration	MS25	Ranaz Naz	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-28.pdf	
	MBA Business Administration	MS25	Shameemudheen K	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-30.pdf	
	MBA Business Administration	MS25	Shiju John George	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-31.pdf	
	MBA Business Administration	MS25	Shyma Nijam	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-32.pdf	
	MBA Business Administration	MS25	Sudhir V	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-33.pdf	
	MBA Business Administration	MS25	Suhail Ahamed M	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-34.pdf	
	MBA Business Administration	MS25	Thanzeer A	WWW.NIUNIV.COM\NAAC\CRITERIA1\1.3.4\CERTIFICATE\MBA\MBA-35.pdf	

Key Indicator – 1.4 Feedback System

Metric No.	
1.4.1	<i>Structured feedback for design and review of syllabus – semester wise / is received from</i>

Q _n M	1) Students, 2) Teachers, 3) Employers, 4) Alumni Options: • All 4 of the above • Any 3 of the above • Any 2 of the above • Any 1 of the above • None of the above • Any 3 of the above URL for feedback collection http://student.niuniv.net www.niuniv.com/parents-feedback.php http://alumni.niuniv.net www.niuniv.com/employer-feedback.php www.niuniv.com/logins/faculty-login/staff-feedback.php
1.4.2 Q _n M	<i>Feedback processes of the institution may be classified as follows:</i> • Feedback collected, analysed and action taken and feedback available on website • Feedback collected, analysed and action has been taken • Feedback collected and analysed • Feedback collected • Feedback not collected • Feedback collected, analysed and action has been taken URL for feedback collection and analysis reports www.niuniv.com/IQAC/2020-2021/CRITERION1/1.4.1/Feedback-Report.pdf

Criterion II – Teaching-Learning and Evaluation

Key Indicator - 2.1 Student Enrolments and Profile

Metric No.															
2.1.1 Q _n M	Demand Ratio														
	2.1.1.1: Number of seats available during the year														
	<table><tr><td>Year</td><td colspan="4">2020-2021</td></tr><tr><td>Number</td><td colspan="4">2017</td></tr></table>					Year	2020-2021				Number	2017			
	Year	2020-2021													
	Number	2017													
	2.1.1 Demand Ratio														
	2.1.1.1: Number of seats available during the year 2020-2021														
	Year 2020-2021														
	Programme name	Programme Code	Number of seats available/sanctioned	Number of eligible applications received	Number of Students admitted										
	B.E. Aeronautical Engineering	AE22	60	10	6										
	B.E. Aerospace Engineering	AS22	60	16	13										
	B.E. Aircraft Maintenance Engineering	AC22	60	36	34										
	B.E. Automobile Engineering	AM22	60	7	2										
	B.E. Mechanical Engineering	ME22	120	24	17										
	B.Tech. Fire Technology and Safety Engineering	FT22	60	13	7										
	B.E Biomedical Engineering	BM22	60	15	7										
	B.A.S.L.P. Bachelor of Audiology and Speech Language Pathology	SA26	25	16	10										
	B.Sc. Forensic Science	FS26	60	22	15										
	B.Sc. Human Genetics and Molecular Biology	BM26	30	6	5										
	B.Sc. Renal Dialysis Technology	DT26	60	32	26										
B.Sc. Cardiac Care Technology	CT26	60	34	29											
B.Sc. Perfusion Technology	PT26	60	10	5											
B.Tech. Nano	NT22	60	2	0											

	Technology				
	B.E. Electronics and Communication Engineering	EC22	90	7	1
	B.E. Electrical and Electronics Engineering.	EE22	60	7	3
	B.E. Electronics and Instrumentation Engineering	EI22	30	5	2
	B.E. Civil Engineering	CV22	60	5	1
	B.E. Computer Science and Engineering	CS22	60	26	21
	B.E Artificial Intelligence and Data Science	AI22	30	5	2
	B.E.Robotics and Automation	RO22	30	5	0
	B.Tech. Information Technology	IT22	60	20	15
	B.Sc., Cyber Forensics	IT26	60	5	1
	B.Sc., Computer Science	CS25	40	5	0
	B.E. Marine Engineering.	MR22	40	2	0
	Bachelor of Business Administration (B.B.A.)	MS26	30	45	39
	B.Com.	CO16	30	0	0
	M.E. Applied Electronics	EE25	9	13	5
	M.E. Communication Systems	EC25	25	14	9
	M.E. Control & Instrumentation Engineering	EI25	9	10	9
	M.E. Aeronautical Engineering	AE15	9	19	12
	M.E. Structural Engineering	CV25	18	40	37
	M.E. Computer Science and Engineering	CS25	25	20	14
	Master of Computer Applications	CA25	60	35	29
	M.E. Cyber Security	CY25	18	16	10
	M.E. Software Engineering	SE25	9	0	0
	M.E. Automobile	AM25	18	14	9

	Engineering										
	M.E. Computer Integrated Manufacturing	CM25	9	25	17						
	M.E. Thermal Engineering	TE25	9	13	9						
	M.Sc. Physics	PH27	25	23	20						
	M.Sc. Chemistry	CH27	25	20	17						
	M.A. English	EG27	25	7	4						
	M.Sc. Mathematics	MA27	25	6	5						
	M.Tech. Nano Technology	NT25	9	13	12						
	M.Sc. Human Genetics and Molecular Biology	BM27	25	4	4						
	Master of Business Administration (HRM & (A.I.)	AI25	60	5	3						
	Master of Business Administration (Aviation Management)	AV25	30	5	0						
	Master of Business Administration	MS25	60	79	72						
	M.Sc. Software Engineering (5 years integrated)	SE28	60	1	0						
	Total		2017	751	558						
2.1.2 Q _n M	Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)										
	2.1.2.1: Number of actual students admitted from the reserved categories during the year										
	Year		2020-2021								
	Number		393								
	2.1.2.1: Number of actual students admitted from the reserved categories during the year										
	Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
		SC	ST	OBC	Gen	Others	SC	ST	OBC	Gen	Others
	2020 - 2021	304	44	821	488	0	17	1	375	73	0

Key Indicator - 2.2 Catering to Student Diversity

Metric No.							
2.2.1 Q_iM	<i>The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners</i> Assessment of the students • The institution organizes Orientation programs for freshers both at the university level and at the department level. The facilities in the university and the scope of the subjects being learnt are introduced in these sessions • Identification of Slow Learners and Advanced Learners • Performance in previous year University Examination and Internal assessment tests (Series Test I, Series Test II, and Series Test III) Strategies adopted for slow learners • Remedial Classes are conducted with an aim to improve the academic performance of the slow learners and absentees. This practice helps the struggling learners to improve subject knowledge and helps them catch up into their peers. Strategies adopted for advanced learners Special programs for advance learners • Students are encouraged to participate and present papers in various Seminars / Conferences / Workshops / Inter-Collegiate Competitions organized by other colleges. • Encourage to enroll in NPTEL/SWAYAM courses. • The academic achievements of the students are highly praised by the university by celebrating Graduation Day every year. Students, who secured Ranks in the University Examination, are honored with Medals in the Convocation. • Motivated to participate in more Hackathons at State and National Level • Inviting students to submit projects and patent • Guiding for career planning						
2.2.2 Q_nM	<i>Student - Full time teacher ratio during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number of Students</td><td>2197</td></tr> <tr> <td>Number of Teachers</td><td>262</td></tr> </table>	Year	2020-2021	Number of Students	2197	Number of Teachers	262
Year	2020-2021						
Number of Students	2197						
Number of Teachers	262						

Key Indicator - 2.3 Teaching - Learning Process

Metric No.	
2.3.1 Q₁M	<i>Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences</i> Experiential learning • The students take active part in organising various extra and co-curricular events • Some students also conduct workshops in the field in which they have more experience and knowledge compared to their counterparts • Special programs on symposiums and other festivals are also conducted by them, which help them in developing their management skills • Experts from the industry share their experience with the students which prepare them for the real-time job scenario. Participative learning • In participative learning, the students are given certain topics which are of utmost importance both academically and practically; they are then divided into groups and asked to read various articles or write-ups and then to analyse and reflect on it • In this way, they get an opportunity to conceptualize the theoretical aspects. It helps them in reflective thinking, problem-solving, and logically questioning what was taught. • Students undertake group activities such as project assignments, case-study analysis which leads to participative learning Problem-solving methodologies • The university adopts student-centric learning method. Along with classroom teaching and laboratory experiment based learning, students are also involved in mini and major projects. The projects help towards enhancing the real-life problem-solving abilities of the students.
2.3.2 Q₁M	<i>Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year</i> Noorul Islam Centre for Higher Education encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. ICT Enabled Teaching methodologies

	are being used by the faculty members in classrooms. The lesson plans, question banks with keys are prepared and made available to the students at the very beginning of the semester. The use of multimedia teaching aids like LCD Projectors / Laptops are used in classrooms. Smart Room is equipped with multimedia facilities that include ICT tools. The faculty members effectively utilize Audio Visual Aids to demonstrate concepts to the students. • ICT enabled classroom in all departments • Wi-Fi connected Laptops and Computer is used by both students and staff to avail the online resources • Google Class Room Mode- Study materials, Notes, Assignment are distributed to the students • Online Assignments & Online Quizzes, Web based teaching • Online webinars Academic Management System The NICHE has developed an integrated Academic Management System and comprehensive tool for faculty, students, and administrators to overcome the challenges in the process of college academic activities. The tool is an online platform that is meant to manage the entire gambit of CBCS – from registration of course, registration by the faculty etc.				
2.3.3 Q_nM	<i>Ratio of students to mentor for academic and other related issues during the year</i> 2.3.3.1: Number of mentors: Number of students assigned to each mentor: <table border="1" data-bbox="603 1267 1195 1391"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number of mentors</td><td>131</td></tr> </table>	Year	2020-2021	Number of mentors	131
Year	2020-2021				
Number of mentors	131				

Key Indicator - 2.4 Teacher Profile and Quality

Metric No.												
2.4.1 Q _n M	Total Number of full time teachers against sanctioned posts during the year											
					<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>262</td></tr></table>				Year	2020-2021	Number	262
	Year	2020-2021										
	Number	262										
	2.4.1 Number of full time teachers against sanctioned posts during the year											
	Name of the Full-time teacher	PAN	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary, permanent)	Name of the Department	Total years of Experience in the same institution	Is the teacher still serving the institution/If not last year of the service of Faculty to the Institution				
	Dr. Mehta R C	ADQ PM3058H	Professor	Aeronautical Engineering	Regular/Approved	02-01-2008	13 Years 5 Months	Yes				
	Dr. Annil Kumar T	ARCP A9787D	Associate Professor & HOD	Aeronautical Engineering	Regular/Approved	23-07-2007	13 Years 11 Months	Yes				
	Dr. Neela Rajan. R.R	AEUP N7288R	Assistant Professor	Aeronautical Engineering	Regular/Approved	25-06-2008	13 Years 0 Months	Yes				
	Mr. Anton Savio Lewis K	AVSP A7670B	Assistant Professor	Aeronautical Engineering	Regular/Approved	01-07-2009	11 Years 11 Months	Yes				
Mr. Rohith.I.J	ATYPJ 8103A	Assistant Professor	Aeronautical Engineering	Regular/Approved	01-08-2016	4 Years 10 Months	Yes					
Mr. Antony Vincent V	ARRP A1635R	Assistant Professor	Aeronautical Engineering	Regular/Approved	01-07-2009	11 Years 11 Months	Yes					
Mr. Pon Sudhir Sajan S S	COXP P8216G	Assistant Professor	Aeronautical Engineering	Regular/Approved	14-08-2014	6 Years 10 Months	Yes					
Mr. Anu Kuttan A	BJRPA 8250K	Assistant Professor	Aeronautical	Regular/Approved	28-Jun-2019	2 Years 0 Months	Yes					

				Engineering				
Ms. Sibithra S P	HXRP S0244 B	Assistant Professor	Aeronautical Engineering	Regular/Approved	28-06-2019	2 Years 0 Months	23-10-2020	
Prof. Chaman Lal Ojha	AAC PO903 5B	Professor & HOD	Aerospace Engineering	Regular/Approved	30-Jul-08	12 Years 11 Months	31-03-2021	
Dr. Aldrin Sugin. M.S	AZSP A9957 F	Associate Professor	Aerospace Engineering	Regular/Approved	21-04-2010	11 Years 2 Months	Yes	
Mr. Samuel K	FETP S7970 P	Assistant Professor	Aerospace Engineering	Regular/Approved	03-07-2012	8 Years 11 Months	26-09-2020	
Mr. Muthu Sherin S	APD PM419 8K	Assistant Professor	Aerospace Engineering	Regular/Approved	04-07-2012	8 Years 11 Months	30-03-2021	
Dr. Karthikeyan L M	AXRP K9093 P	Assistant Professor	Aerospace Engineering	Regular/Approved	12-10-2015	5 Years 8 Months	Yes	
Mr. Nalinakshan Nair S	DLPPS 1350Q	AP, Deputy Chief Instructor	Aircraft Maintenance Engineering	Regular/Approved	13-12-2006	14 Years 6 Months	Yes	
Mr. Sreedharan Nair.M	AAPP N8085 K	Deputy Chief Instructor	Aircraft Maintenance Engineering	Regular/Approved	01-10-2014	6 Years 8 Months	Yes	
Mr. Laxman Kumar Hati	AIDPL 1363L	Deputy Training Manager	Aircraft Maintenance Engineering	Regular/Approved	03-09-2019	1 Years 9 Months	Yes	
Dr. Saji Soundara Raj. J	CPOPS 6807Q	Associate Professor	Aircraft Maintenance Engineering	Regular/Approved	25-06-2008	13 Years 0 Months	Yes	
Mr. Praveen V	AKPP V3821 P	Deputy Quality Manager	Aircraft Maintenance Engineering	Regular/Approved	13-01-2020	1 Years 5 Months	Yes	
Dr. Benita J	ANBP B0947 K	Assistant Professor	Aircraft Maintenance Engineering	Regular/Approved	22-07-2010	10 Years 11 Months	Yes	
Mr. Hari Kumar. S	DADP S1774 K	Assistant Professor	Aircraft Maintenance	Regular/Approved	17-06-2001	20 Years 0 Months	Yes	

				Engineeri ng				
	Mr. J. Anish	CBHP A3689 R	Assistant Professor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	28-06- 2019	2 Years 0 Months	Yes
	Ms. Ninisha Nels	BNOR N0316 G	Assistant Professor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	17-09- 2019	1 Years 9 Months	Yes
	Mr. D. Sudhakar	CQXP S6275 C	Assistant Professor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	22-11- 2019	1 Years 7 Months	Yes
	Mr. Ashwin V D S	BCPP A5533 A	Assistant Professor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	25-09- 2019	1 Years 9 Months	Yes
	Mr.N.Sathe sh Raja		Assistant Professor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	30-03- 2021	0 Years 3 months	Yes
	Mr. Ravikumar. P.J	BAVP R7507 P	Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	07-12- 2015	5 Years 6 Months	Yes
	Mr. Anoop Krishnan.K .L	AKHP L4534 H	Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	10-Feb- 2017	4 Years 4 Months	Yes
	Mr.Inbasek aran.K		Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	1-Mar- 2021	0 Years 3 months	Yes
	Dr. Edwin Raja Dhas.J	AAKP E9257 F	Professor & HOD	Automob ile Engineeri ng	Regular/ Approve d	29-07- 2005	15 Years 11 Months	Yes
	Dr. Edwin Sahayaraj M	AMW PM737 6D	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	05-07- 2004	16 Years 11 Months	Yes
	Dr. Robin Divahar S	ANUP R4351 C	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	29-03- 2005	16 Years 3 Months	Yes
	Dr. Stanly Jones Retnam.B	COMP S8281 D	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	10-08- 2009	11 Years 10 Months	Yes
	Dr.	AMVP	Assistant	Automob	Regular/	23-07-	10 Years	Yes

	Darwins A K	D6264 C	Professor	ile Engineering	Approve d	2010	11 Months	
	Mr.F.Peter	DXCP P6678 F	Assistant Professor	Automob ile Engineering	Regular/ Approve d	20-Nov-2019	1 Years 7 Months	Yes
	Mr.V.C Shajan	FEOPS 0464H	Assistant Professor	Automob ile Engineering	Regular/ Approve d	6-Nov-2019	1 Years 7 Months	Yes
	Mr. Prem Narayanan		Assistant Professor	Automob ile Engineering	Regular/ Approve d	11-Nov-2019	1 Years 7 Months	Yes
	Ms.Anju A J	BFBPJ 56531 K	Assistant Professor	Automob ile Engineering	Regular/ Approve d	21-11-2019	1 Years 7 Months	Yes
	Dr. Murugan M	AWO PS152 8F	Professor & HOD	Biomedic al Engineering	Regular/ Approve d	23-05-2011	10 Years 1 Months	Yes
	Dr. Albert Jerome S	AWO PS152 8F	Associate Professor	Biomedic al Engineering	Regular/ Approve d	13-05-2003	18 Years 1 Months	Yes
	Dr. I. Sowmy	BFFPS 8447J	Associate Professor	Biomedic al Engineering	Regular/ Approve d	13-07-2009	11 Years 11 Months	Yes
	Ms. Femi V	ABNP F1018 M	Assistant Professor	Biomedic al Engineering	Regular/ Approve d	04-07-2012	8 Years 11 Months	Yes
	Mr. Navis Thinagar J	AHJP N7340 Q	Assistant Professor	Biomedic al Engineering	Regular/ Approve d	04-07-2012	8 Years 11 Months	18-01-2021
	Ms.Lisha Daniel	ARJPL 9413E	Assistant Professor	Biomedic al Engineering	Regular/ Approve d	10-08-2016	4 Years 10 Months	Yes
	Ms. Lekshmi V Nair	BEMP N6801 H	Assistant Professor	Biomedic al Engineering	Regular/ Approve d	05-07-2018	2 Years 11 Months	Yes
	Dr. Narayanan Nair V	ABFP N4922 Q	Professor	Civil Engineering	Regular/ Approve d	30-06-2008	13 Years 0 Months	Yes
	Dr. N. Nalanth	ADNP N9583 D	Professor & HOD	Civil Engineering	Regular/ Approve d	04-12-2007	13 Years 6 Months	Yes
	Dr. M. S Ravi Kumar	AGPP R4644 C	Professor	Civil Engineering	Regular/ Approve d	05-02-2020	1 Years 4 Months	12-02-2021
	Mr. Allwin.D	AULP A4156 C	Assistant Professor	Civil Engineering	Regular/ Approve d	05-08-2009	11 Years 10 Months	Yes

	Ms. Alex Dorwina. N	BBSP A7833 D	Assistant Professor	Civil Engineering	Regular/ Approved	04-02-2010	11 Years 4 Months	Yes
	Mr. Muthu Uthayan	BREP M1039 B	Assistant Professor	Civil Engineering	Regular/ Approved	26-09-2011	9 Years 9 Months	Yes
	Ms. Soniya. B	FVJPS 5085J	Assistant Professor	Civil Engineering	Regular/ Approved	06-08-2012	8 Years 10 Months	Yes
	Mr. Mathan Kumar S	BKZP M7761 A	Assistant Professor	Civil Engineering	Regular/ Approved	21-01-2013	8 Years 5 Months	Yes
	Ms. Roselin R	AULP R9548 M	Assistant Professor	Civil Engineering	Regular/ Approved	18-02-2013	8 Years 4 Months	Yes
	Mr. Sunil Kumar S	DILPS 2685P	Assistant Professor	Civil Engineering	Regular/ Approved	04-07-2013	7 Years 11 Months	Yes
	Mr. Ajin N	BCW PA033 0C	Assistant Professor	Civil Engineering	Regular/ Approved	09-10-2017	3 Years 8 Months	Yes
	Ms. Abisha Y	BOVP A0352 K	Assistant Professor	Civil Engineering	Regular/ Approved	5-Sep-2019	1 Years 9 Months	Yes
	Ms. Abisha M R	ENQP R8739 N	Assistant Professor	Civil Engineering	Regular/ Approved	4-Nov-2019	1 Years 7 Months	Yes
	Dr. Shajin Nargunam. A	ARHP S6666 A	Professor	Computer Science and Engineering	Regular/ Approved	04-08-1997	23 Years 10 Months	Yes
	Dr. Julia Punitha Malar Dhas	AFVP G7086 C	Professor	Computer Science and Engineering	Regular/ Approved	02-08-2010	10 Years 10 Months	13.08.2021
	Dr. Amar Pratap Singh J	ADXP J6748E	Professor	Computer Science and Engineering	Regular/ Approved	15-05-1997	24 Years 1 Months	Yes
	Dr. Chitra R	AGNP R2831 F	Associate Professor	Computer Science and Engineering	Regular/ Approved	02-01-2003	18 Years 5 Months	Yes
	Dr. Kalaiselvi R	APYP K0475 L	Associate Professor	Computer Science and Engineering	Regular/ Approved	18-09-2009	11 Years 9 Months	Yes
	Dr. Vinila Jinny S	AJWP V9139 Q	Associate Professor	Computer Science and Engineering	Regular/ Approved	01-03-2006	15 Years 3 Months	Yes
	Dr. Kumaran U	AXRP K9092	Associate Professor	Computer Science	Regular/ Approved	03-01-2006	15 Years 5 Months	Yes

		N		and Engineeri ng	d			
	Dr. Maheswar an C P	AXDP M9085 B	Associate Professor & HOD	Compute r Science and Engineeri ng	Regular/ Approve d	07-07- 2006	14 Years 11 Months	Yes
	Dr. Suji Pramila R	BESPP 0210E	Associate Professor	Compute r Science and Engineeri ng	Regular/ Approve d	07-07- 2006	14 Years 11 Months	Yes
	Dr. Judith J E	AMVP J1554 A	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	07-07- 2006	14 Years 11 Months	Yes
	Dr. Anitha A	ARQP A0695 N	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	19-02- 2008	13 Years 4 Months	Yes
	Ms. Sinciya P.O	DKIP S7370 Q	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	4-Jul-07	13 Years 11 Months	11-01- 2021
	Mrs. Venifa Mini G	AJOP V3297 P	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	18-Jan- 08	13 Years 5 Months	Yes
	Dr. Venkadesh P	AEUP V7599 F	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	22-07- 2010	10 Years 11 Months	Yes
	Dr. Anusha Bamini A M	ATXP A8510 B	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	22-07- 2010	10 Years 11 Months	18-06- 2021
	Ms. Safrin S	HIKPS 2075C	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	18-Nov- 2019	1 Years 7 Months	Yes
	Dr. Vinod Kumar R S	ACSP V0005 A	Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	14-07- 1993	27 Years 11 Months	Yes
	Dr. Santhi N	AHSP S4231 Q	Associate Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	01-07- 1995	25 Years 11 Months	Yes

	Dr. Amala Shanthi S	AQLP S2466 D	Associate Professor	Electronics and Communication Engineering	Regular/ Approved	22-06-1998	23 Years 0 Months	Yes
	Dr. Mary Synthuja Jain Preetha	BJZP M6397 R	Associate Professor	Electronics and Communication Engineering	Regular/ Approved	10-07-2008	12 Years 11 Months	Yes
	Dr. Vijula Grace. K.S	ADSP V4096 N	Associate Professor	Electronics and Communication Engineering	Regular/ Approved	07-02-2011	10 Years 4 Months	Yes
	Mr. Gopalakrishnan. T.	ALYP G8714 G	Assistant Professor & HOD	Electronics and Communication Engineering	Regular/ Approved	04-04-2005	16 Years 2 Months	Yes
	Ms. Chandrakala. K	ANRP C3801 D	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	04.08.2021AN
	Ms. Shahi. D	BDFPS 7726C	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	Yes
	Dr. Divya.S.V	AZOP D1799 E	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	01-10-2009	11 Years 8 Months	Yes
	Mr. Rajesh. K.P	BDJPP 4914M	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	03-02-2011	10 Years 4 Months	Yes
	Dr.Sujatha Therese P	AVEP S6841 C	Professor	Electrical and Electronics Engineering	Regular/ Approved	03-01-2002	19 Years 5 Months	Yes
	Dr. Mary Synthia Regis Prabha D.M	AECP N4214 R	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	14-12-2002	18 Years 6 Months	Yes

	Dr. Arul Linsely J	AFGPJ 4104B	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	13-05-2003	18 Years 1 Months	Yes
	Dr. Flower Queen M P	AALP F3035 H	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	28-07-2004	16 Years 11 Months	Yes
	Dr. Anitha Janet Mary S	AJVP A6021 H	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	18-01-2008	13 Years 5 Months	Yes
	Dr. Tibbie Pon Symon. V.A	COMP S5474J	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	09-07-2008	12 Years 11 Months	Yes
	Ms. Bindhu. V.S	ARDP G9335 N	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	28-01-2010	11 Years 5 Months	Yes
	Dr. Muthuvel K	AMPT M7064 K	Assistant Professor & HOD i/c	Electrical and Electronics Engineering	Regular/ Approved	03-02-2011	10 Years 4 Months	Yes
	Ms. Russelin R P	DVPP R1147 L	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	6-Nov-2019	1 Years 7 Months	Yes
	Dr. Kumar S S	AQPP K7814 D	Associate Professor & HOD	Electronics and Instrumentation Engineering	Regular/ Approved	12-08-2004	16 Years 10 Months	Yes
	Dr. Amsaveni. V	AQRP A9664 K	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	27-09-2007	13 Years 9 Months	Yes
	Dr. Menaka D	BSAP M4154 N	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	22-07-2010	10 Years 11 Months	Yes

	Dr.Manju R	ARXP M7571 N	Associate Professor	Electronics and Instrumentation Engineering	Regular/Approved	31-03-2005	16 Years 2 Months	Yes
	Dr.H. Vennila	AEMP V3088 D	Associate Professor	Electronics and Instrumentation Engineering	Regular/Approved	23-07-2004	16 Years 11 Months	Yes
	Dr. Sarath R	BYMP S62274	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	04-01-2007	14 Years 5 Months	Yes
	Dr. Felix Stephen. S	CNZP S8624J	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	25-06-2008	13 Years 0 Months	Yes
	Ms. Binu Sathiya S	BDUP S5750J	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	26-06-2009	12 Years 0 Months	Yes
	Ms. Shiny K V	AXXP V2243 A	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	12-Nov-2019	1 Years 7 Months	Yes
	Mr. James Dinakaran Williams I	AIPGJ 1779D	Associate Professor & HOD	Fire Technology and Safety Engineering	Regular/Approved	21-06-2005	16 Years 0 Months	Yes
	Dr. Ganesh R S	AHJPR 6584J	Associate Professor	Fire Technology and Safety Engineering	Regular/Approved	18-09-2009	11 Years 9 Months	Yes
	Dr. Bavanish. B	ALCP B7811 P	Associate Professor	Fire Technology and Safety Engineering	Regular/Approved	22-07-2010	10 Years 11 Months	Yes
	Dr. Jenkins Hexley Dhas.S	AEYPJ 7775B	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	20-07-2009	11 Years 11 Months	Yes

	Dr. Rajesh R	ATRP R0882 M	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	12-07-2012	8 Years 11 Months	Yes
	Mr.Jegan T	AQH PJ6249 D	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	03-07-2018	2 Years 11 Months	28.04.2021
	Mr. Sherlin Paul P S	FOOP S9105 D	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	20-Nov-2019	1 Years 7 Months	Yes
	Mr. Berlin Push P	DSYP B9145 Q	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	20-Sep-2019	1 Years 9 Months	Yes
	Mr. Albert Seldon P	PNYP A1924 D	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	23-Sep-2019	1 Years 9 Months	Yes
	Ms. G. Mercy Bai		Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	21-11-2019	1 Years 7 Months	Yes
	Prof. Iyer A R S	ACJPR 0482L	Professor	Information Technology	Regular/ Approved	23-Sep-13	7 Years 9 Months	Yes
	Dr. Mathusoothana S. Kumar R	AFCP R9573 A	Professor & HOD	Information Technology	Regular/ Approved	16-06-1999	22 Years 0 Months	Yes
	Dr. Maria Celestin Vigila S	AHTP M1753 G	Associate Professor	Information Technology	Regular/ Approved	04-12-1998	22 Years 6 Months	Yes
	Dr. Sugitha N	ASZPS 0021N	Associate Professor	Information Technology	Regular/ Approved	21-06-2004	17 Years 0 Months	Yes
	Dr.Palani Kumar S	AWOP S1522 R	Associate Professor	Information Technology	Regular/ Approved	14-12-2002	18 Years 6 Months	Yes
	Dr. Mary Amala Bai V	AEMP V3087 N	Associate Professor	Information Technology	Regular/ Approved	10-12-2004	16 Years 6 Months	Yes

	Dr. Brindha T	AVFP B7609 G	Associate Professor	Information Technology	Regular/Approved	21-01-2008	13 Years 5 Months	Yes
	Dr. Siva Sankar K	BSYPS 5074F	Associate Professor	Information Technology	Regular/Approved	01-07-2009	11 Years 11 Months	Yes
	Ms. D.R. Denslin Braja	AMRP D8907 A	Assistant Professor	Information Technology	Regular/Approved	07-07-2006	14 Years 11 Months	Yes
	Ms. Jeyasheela Y	AIZPJ 6679B	Assistant Professor	Information Technology	Regular/Approved	12-07-2006	14 Years 11 Months	Yes
	Ms. Jayalekshmi M.B	ALPPJ 5439A	Assistant Professor	Information Technology	Regular/Approved	26-06-2008	13 Years 0 Months	Yes
	Dr. Sindia. T.V	BMDP S5074 F	Assistant Professor	Information Technology	Regular/Approved	01-07-2009	11 Years 11 Months	Yes
	Prof. Mohana Das S	ADZP M7419 H	Professor	Marine Engineering	Regular/Approved	12-05-2006	15 Years 1 Months	Yes
	Dr. John Leon S	AEDPJ 5776P	Associate Professor & HOD	Marine Engineering	Regular/Approved	06-10-1998	22 Years 8 Months	Yes
	Dr. Jeba Singh V K	AJMP V8902 D	Associate Professor	Marine Engineering	Regular/Approved	01-07-2009	11 Years 11 Months	Yes
	Dr. Jai Aultrin K S	BMKP K8808 G	Associate Professor	Marine Engineering	Regular/Approved	1-Jul-09	11 Years 11 Months	Yes
	Mr. Ratheesh A K	AYUP R7557 D	Assistant Professor	Marine Engineering	Regular/Approved	26-07-2010	10 Years 11 Months	Yes
	Mr. Neela Prasad U N	AOEP N6210 M	Assistant Professor	Marine Engineering	Regular/Approved	18-07-2011	9 Years 11 Months	Yes
	Mr. Vijayan Pillai S	AJBPS 2112F	Assistant Professor	Marine Engineering	Regular/Approved	20-06-2012	9 Years 0 Months	Yes
	Mr. Jesin Jude Leonard J	AMLJP 9293 K	Assistant Professor	Marine Engineering	Regular/Approved	08-01-2016	5 Years 5 Months	Yes
	Mr. Vishnu S H	AVFP V9325 B	Asst. Professor	Marine Engineering	Regular/Approved	20-11-2017	3 Years 7 Months	Yes
	Mr. Anand Jino M	BKNP A8217 P	Assistant Professor	Marine Engineering	Regular/Approved	05-08-2019	1 Years 10 Months	Yes
	Mr. Muniasamy M	BPBP M6628 B	Assistant Professor	Marine Engineering	Regular/Approved	15-02-2020	1 Years 4 Months	Yes
	Mr. Raghuvara	ATRP R9995	Instructor	Marine Engineering	Regular/Approved	07-01-2009	12 Years 5 Months	Yes

n P	H		ng	d				
Mr. Jonie Stevans E	AXQP J5938B	Teaching Assistant	Marine Engineering	Regular/ Approved	27-02-2018	3 Years 4 Months	Yes	
Dr. Chandrashekar N	AFYP C5474 K	Professor	Mechanical Engineering	Regular/ Approved	15-06-2011	10 Years 0 Months	Yes	
Dr. Dev Anand M	AQMP D2396 Q	Professor	Mechanical Engineering	Regular/ Approved	10-08-2009	11 Years 10 Months	Yes	
Dr. Joselin Herbert G M	AEXPJ 4199L	Professor	Mechanical Engineering	Regular/ Approved	18-01-2010	11 Years 5 Months	Yes	
Dr. Ramasamy N	ACAP R7070 B	Associate Professor	Mechanical Engineering	Regular/ Approved	21-06-2005	16 Years 0 Months	Yes	
Dr. Abilash N	AQQP A2823 D	Associate Professor & HOD	Mechanical Engineering	Regular/ Approved	09-02-2009	12 Years 4 Months	Yes	
Dr. Rajesh. R	ASEP R7877 C	Associate Professor	Mechanical Engineering	Regular/ Approved	20-06-2005	16 Years 0 Months	Yes	
Mr. Subash.S	CGPS2 358M	Assistant Professor	Mechanical Engineering	Regular/ Approved	1-Aug-2016	4 Years 10 Months	Yes	
Mr. Dinesh R	EXH PD771 5Q	Assistant Professor	Mechanical Engineering	Regular/ Approved	17-Jul-2018	2 Years 11 Months	Yes	
Mr.Raja. S	AWB PR084 8Q	Assistant Professor	Mechanical Engineering	Regular/ Approved	20-07-2009	11 Years 11 Months	Yes	
Mr. Suresh Babu V	GGMP S2791J	Assistant Professor	Mechanical Engineering	Regular/ Approved	17-07-2018	2 Years 11 Months	Yes	
Mr. Rabin R	CNNP RO126 G	Assistant Professor	Mechanical Engineering	Regular/ Approved	7-Aug-2018	2 Years 10 Months	Yes	
Dr. Jerald Jose P	AGUP J7897 A	Assistant Professor	Mechanical Engineering	Regular/ Approved	31-07-2009	11 Years 10 Months	Yes	
Dr. Ramesh Palappan R	AWJP R3494 A	Assistant Professor	Mechanical Engineering	Regular/ Approved	10-08-2009	11 Years 10 Months	Yes	
Mr. Unni Krishnan. A	ADCP U8775 B	Assistant Professor	Mechanical Engineering	Regular/ Approved	14-07-2011	9 Years 11 Months	Yes	

				ng				
Mr. Selvan Nambi S	EORP S0972 G	Assistant Professor	Mechanical Engineering	Regular/ Approved	19-07-2011	9 Years 11 Months	Yes	
Mr. Subhanand h B V	CFUPS 6554J	Assistant Professor	Mechanical Engineering	Regular/ Approved	04-07-2012	8 Years 11 Months	Yes	
Mr. Eqbert K	AHP HM53 64F	Assistant Professor	Mechanical Engineering	Regular/ Approved	15-07-2013	7 Years 11 Months	Yes	
Dr. Judson Durai T	BBO PJ8344 L	Assistant Professor	Mechanical Engineering	Regular/ Approved	15-07-2013	7 Years 11 Months	Yes	
Mr. Aniber Benin.M	BJDPA 4984J	Assistant Professor	Mechanical Engineering	Regular/ Approved	01-08-2016	4 Years 10 Months	31-03-2021	
Dr. Praseetha. P.K	BUOP P8024J	Professor & HOD	Nano Technology	Regular/ Approved	24-07-2010	10 Years 11 Months	Yes	
Dr. Balamurugan S	AXCP B3215 F	Professor	Nano Technology	Regular/ Approved	19-10-2010	10 Years 8 Months	Yes	
Dr. Sreeja T K	DKIPS 6406M	Associate Professor	Nano Technology	Regular/ Approved	10-07-2009	11 Years 11 Months	Yes	
Dr. Rimal Isaac R S	AOKP R6929 P	Assistant Professor	Nano Technology	Regular/ Approved	18-03-2010	11 Years 3 Months	Yes	
Dr. Prabu M	CDDP M8497 D	Assistant Professor	Nano Technology	Regular/ Approved	12-02-2015	6 Years 4 Months	Yes	
Dr. S. Gobalakrishnan	AXHP G4188 P	Assistant Professor	Nano Technology	Regular/ Approved	10-06-2019	2 Years 0 Months	Yes	
Dr. A. Beula (leave)	CHYP B1790 B	Assistant Professor	Nano Technology	Regular/ Approved	20-11-2019	1 Years 7 Months	31-03-2021	
Ms. Vibala B V	AUIPV 0093N	Assistant Professor	Nano Technology	Regular/ Approved	03-09-2019	1 Years 9 Months	31-03-2021	
Ms.Parvathy chandran	EPZPP 0055Q	Assistant Professor	Nano Technology	Regular/ Approved	16-03-2021	0 Years 6 months	Yes	
Mr.Faiyazudeen G		Teaching Assistant	Nano Technology	Regular/ Approved	30-03-2021	0 Years 3 months	Yes	
Dr.Arockia Selva Saroja G	AFMP G8868 H	Associate Professor & HOD	Allied Health Sciences	Regular/ Approved	04-01-1999	22 Years 5 Months	Yes	
Mrs. Janu J P	BETPJ 8579R	Assistant Professor	Allied Health Sciences	Regular/ Approved	10-08-2017	3 Years 10 Months	Yes	
Ms. Monic Leka. G	BQLP M1501	Assistant Professor	Allied Health	Regular/ Approved	08-01-2018	3 Years 5 Months	Yes	

	J		Sciences	d			
Dr. Raja Brindha J	CNMP R9666 Q	Assistant Professor	Allied Health Sciences	Regular/Approved	30-01-2018	3 Years 5 Months	Yes
Mr. Shibin C T	AXTP T9393 H	Instructor	Allied Health Sciences	Regular/Approved	04-07-2018	2 Years 11 Months	01-04-2021
Mr. Nahas N	CEPP N2092 J	Instructor (Clinical Perfusionist)	Allied Health Sciences	Regular/Approved	06-07-2018	2 Years 11 Months	Yes
Dr. N C J Packia Lekshmi	BAAPJ 7414E	Assistant Professor	Allied Health Sciences	Regular/Approved	09-07-2018	2 Years 11 Months	Yes
Mr. Arun James	BUNPJ 9377B	Assistant Professor	Allied Health Sciences	Regular/Approved	09-07-2018	2 Years 11 Months	Yes
Dr. Munnu Das J	BCUPJ 3910P	Assistant Professor	Allied Health Sciences	Regular/Approved	30-08-2018	2 Years 10 Months	Yes
Ms. Bushra Beevi R	BOSP B9706 F	Assistant Professor	Allied Health Sciences	Regular/Approved	30-08-2018	2 Years 10 Months	Yes
Mr. Arun P T	BCJPC 2505A	Assistant Professor	Allied Health Sciences	Regular/Approved	30-Aug-2018	2 Years 10 Months	Yes
Dr. Gokul Gopi	AVSP T6418J	Assistant Professor	Allied Health Sciences	Regular/Approved	26-09-2018	2 Years 9 Months	Yes
Dr. Janaki M C	BCJPC 2505A	Assistant Professor	Allied Health Sciences	Regular/Approved	22-10-2018	2 Years 8 Months	Yes
Ms. Archa Vikraman S		Assistant Professor	Allied Health Sciences	Regular/Approved	1-Feb-2019	2 Years 4 Months	31-03-2021
Ms. Ashline Jeba T	BKLP A0800 L	Assistant Professor	Allied Health Sciences	Regular/Approved	16-Jul-2019	1 Years 11 Months	Yes
Ms. Subha T	IYWP S1912 R	Assistant Professor	Allied Health Sciences	Regular/Approved	17-Jul-2019	1 Years 11 Months	Yes
Mrs. Lekshmi S C	GKNP S9917 M	Assistant Professor	Allied Health Sciences	Regular/Approved	17-Jul-2019	1 Years 11 Months	Yes
Mr. Shefin Jose	AYVP J2689 K	Assistant Professor	Allied Health Sciences	Regular/Approved	25-Jul-2019	1 Years 11 Months	Yes
Ms. Nimiya Joseph	CBGP N3886 A	Assistant Professor	Allied Health Sciences	Regular/Approved	26-Aug-2019	1 Years 10 Months	Yes
Ms. Beena V S	GZJPS 4603B	Assistant Professor	Allied Health Sciences	Regular/Approved	26-08-2019	1 Years 10 Months	31-03-2021
Ms. B.S Deepa Priya	APCPP 2985G	Assistant Professor	Allied Health Sciences	Regular/Approved	22-07-2010	10 Years 11 Months	Yes
Ms. Alaka S Prasad	HMZP S4738 H	Assistant Professor	Allied Health Sciences	Regular/Approved	5-Sep-2019	1 Years 9 Months	Yes

	Dr. R. Shabi Ruskin	DDBP S7869 L	Assistant Professor	Allied Health Sciences	Regular/ Approved	3-Jan-2020	1 Years 5 Months	Yes
	Ms. Pradheba K	CAXP P7593 N	Assistant Professor	Allied Health Sciences	Regular/ Approved	29-Jan-2020	1 Years 5 Months	Yes
	Dr. K. Venkatesh waran	GCJPK 2331H	Assistant Professor	Allied Health Sciences	Regular/ Approved	08-06-2020	1 Years 0 Months	16-10-2020
	Ms. Lydia Edwin	ACJPE 3743K	Assistant Professor	Allied Health Sciences	Regular/ Approved	09.12.2020	6 Months	Yes
	Ms.Cathy Charles	BHIPC 6920M	Assistant Professor	Allied Health Sciences	Regular/ Approved	02.12.2020	6 Months	Yes
	Mrs. K. Sarojini	CZQP S6191 D	Assistant Professor	Allied Health Sciences	Regular/ Approved	03.02.2021	4 Months	Yes
	Dr. K. G. Ahila	CQJPG 5295A	Assistant Professor	Allied Health Sciences	Regular/ Approved	16.02.2021	4 Months	Yes
	Ms. Manisha	NRFPS 3028K	Teaching Assistant	Allied Health Sciences	Regular/ Approved	04.01.2021	6 Months	Yes
	Ms. Karthika Mohan	EEEP M7340 D	Teaching Assistant	Allied Health Sciences	Regular/ Approved	03.02.2021	4 Months	Yes
	Ms. Alvira Afsar Sulthana	ECLP A9335 K	Teaching Assistant	Allied Health Sciences	Regular/ Approved	19/03/2021	6 Months	Yes
	Ms. Ariya Sankari S	DAVP A2913 J	Assistant Professor	Allied Health Sciences	Regular/ Approved	14-Jul-18	2 Years 11 Months	Yes
	Ms.Jincy.L		Instructor	Allied Health Sciences	Regular/ Approved	19-Mar-21	0 Years 3 months	Yes
	Dr. Jeyakumar M K	AHPP M5364 F	Professor	Computer Applications	Regular/ Approved	05-10-1994	26 Years 8 Months	Yes
	Dr. Jeba J R	ACUPJ 3161H	Associate Professor & HOD	Computer Applications	Regular/ Approved	17-12-1997	23 Years 6 Months	Yes
	Dr.Victor Jose M	ACRP V9995 J	Associate Prof.	Computer Applications	Regular/ Approved	07-09-1998	22 Years 9 Months	Yes
	Dr. Beulah S	AWOP S1830 Q	Associate Professor	Computer Applications	Regular/ Approved	25-06-2001	20 Years 0 Months	Yes
	Dr. Siva Balan R V	EGZPS 2982G	Associate Professor	Computer Applications	Regular/ Approved	15-02-2012	9 Years 4 Months	28.04.2021FN
	Dr. Subhajini A C	DPXP S1958 L	Associate Professor	Computer Applications	Regular/ Approved	9-Aug-07	13 Years 10 Months	Yes

				ons				
	Ms. Merlin Johnsy M	BBAP M6762 R	Assistant Professor	Computer Applications	Regular/Approved	08-09-2005	15 Years 9 Months	Yes
	Ms. Sheela Kumari.C. R	ECVP S0540 A	Assistant Professor	Computer Applications	Regular/Approved	05-08-2002	18 Years 10 Months	Yes
	Ms. Alan Gowri Phivin V	AVMP A5077 C	Assistant Professor	Computer Applications	Regular/Approved	24-08-2006	14 Years 10 Months	Yes
	Dr. Janardhana n K A	AEDP 56022 N	Professor	Management Studies	Regular/Approved	06-06-1990	31 Years 0 Months	Yes
	Prof. Sivathanu Pillai M	ABGP S4223 C	Professor	Management Studies	Regular/Approved	06-09-2013	7 Years 9 Months	Yes
	Dr.M. Janardhana n Pillai	AEPPJ 9051H	Professor & HOD	Management Studies	Regular/Approved	26-06-2019	2 Years 0 Months	Yes
	Dr.K.Sri Renganathan		Professor	Management Studies	Regular/Approved	01-02-2021	0 Years 4 Months	Yes
	Dr. Radhika R	AYXP R0504 P	Associate Professor	Management Studies	Regular/Approved	18-Jun-07	14 Years 0 Months	Yes
	Dr. Velmuruga n V P	AGLP V9566 E	Associate Professor	Management Studies	Regular/Approved	03-10-2007	13 Years 8 Months	Yes
	Dr.M.Sulai pher	DKIPS 6363H	Associate Professor	Management Studies	Regular/Approved	25-06-2008	13 Years 0 Months	11-01-2021
	Dr. Shubin Tad M C	DJGPS 6404G	Assistant Professo	Management Studies	Regular/Approved	21-02-2015	6 Years 4 Months	Yes
	Mr. Fenin Samuel.S	ABZP F1934 A	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Mr. Deekshith. D	AUYP D4794 L	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Dr.Kavitha Rani R	CUAP K6027 R	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Dr. Asha. K	ALPP A2541 J	Assistant Professor	Management Studies	Regular/Approved	09-08-2017	3 Years 10 Months	Yes
	Ms. Y. Jenusha Ananthu	BGF PJ2515 P	Assistant Professor	Management Studies	Regular/Approved	6-Jul-2018	2 Years 11 Months	Yes
	Ms. Lija P	ATSP R0671 H	Assistant Professor	Management Studies	Regular/Approved	6-Jul-2018	2 Years 11 Months	Yes
	Mr. Kishore J S	DUV PK719 8P	Assistant Professor	Management Studies	Regular/Approved	15-09-2018	2 Years 9 Months	Yes
	Mr. Danny	LGZPS	Assistant	Manage	Regular/	08-09-	2 Years 9	Yes

	Solomon	7161N	Professor	ment Studies	Approved	2018	Months	
	Dr.Charles J	ADY PC605 3C	Associate Prof.	Department of Software Engineering	Regular/Approved	30-08-1996	24 Years 10 Months	Yes
	Dr. Ratnam Nadar C	AERP R5124 D	Professor	Department of Software Engineering	Regular/Approved	05-04-2004	17 Years 2 Months	31-03-2021
	Ms. Anusha Linda Kostka J. E	AVWP AS557 L	Assistant Professor	Department of Software Engineering	Regular/Approved	25-06-2001	20 Years 0 Months	Yes
	Dr. Jayan J P	AIZPJ 6678A	Associate Professor & HOD	Department of Software Engineering	Regular/Approved	23-08-2006	14 Years 10 Months	Yes
	Dr. Jerine S	BQOP S0912 G	Associate Professor	Department of Software Engineering	Regular/Approved	25-Jun-05	16 Years 0 Months	Yes
	Dr. Heaven Rose R I	AFVP H6950 G	Assistant Professor	Department of Software Engineering	Regular/Approved	01-04-2007	14 Years 2 Months	Yes
	Mr.Samuel Blessed Nayagam P V	BQWP S2907 M	Assistant Professor	Department of Software Engineering	Regular/Approved	25-09-2007	13 Years 9 Months	Yes
	Mr. Ranjith V.G	AJNPR 7413G	Assistant Professor	Department of Software Engineering	Regular/Approved	08-12-2002	18 Years 6 Months	Yes
	Ms. Melbin J Reena	BAZP M4866 N	Assistant Professor	Department of Software Engineering	Regular/Approved	07-07-2006	14 Years 11 Months	Yes
	Ms.Muthupriya C V	BIWP M1227 L	Assistant Professor	Department of Software Engineering	Regular/Approved	07-09-2008	12 Years 9 Months	Yes
	Dr. Sankaranarayana Pillai M	AENP S2141 F	Prof & HOD	Chemistry	Regular/Approved	18-Aug-06	14 Years 10 Months	Yes
	Dr. Joseph J	AOHP J9776P	Professor	Chemistry	Regular/Approved	23-09-2009	11 Years 9 Months	Yes

	Dr. Sharmila T M	DXBP S2334J	Assistant Professor	Chemistry	Regular/ Approved	04-09-2008	12 Years 9 Months	Yes
	Ms. Antilin Princela M	BRLP A3004 P	Teaching Assistant	Chemistry	Regular/ Approved	14-08-2018	2 Years 10 Months	Yes
	Ms. Edinsha Gladis E H	APWP H7527 L	Teaching Assistant	Chemistry	Regular/ Approved	20-08-2014	6 Years 10 Months	Yes
	Ms. Arthi. D	CRIPA 4076M	Teaching Assistant	Chemistry	Regular/ Approved	22-08-2017	3 Years 10 Months	Yes
	Mrs. J. Michael Ahitha Jose		Teaching Assistant	Chemistry	Regular/ Approved	14.08.2018	2 Years 10 Months	Yes
	Dr. Bindhu B	AOG PB710 7R	Professor & HOD	Physics	Regular/ Approved	21-08-2006	14 Years 10 Months	Yes
	Dr. Meena Devi V N	BJEP M4493 H	Associate Professor	Physics	Regular/ Approved	01-10-2009	11 Years 8 Months	Yes
	Dr. Ganapathi Raman.R	AYDP G0842 P	Associate Professor	Physics	Regular/ Approved	24-01-2011	10 Years 5 Months	Yes
	Ms. Sagi Rani C	DXYP S5484 Q	Assistant Professor	Physics	Regular/ Approved	27-01-2009	12 Years 5 Months	Yes
	Mrs. Sugirtha Suni.N.Y	EOR PS097 1F	Assistant Professor	Physics	Regular/ Approved	17-08-2009	11 Years 10 Months	Yes
	Ms. Mani Prabha I	CJJP M9936 P	Teaching Assistant	Physics	Regular/ Approved	07-08-2017	3 Years 10 Months	Yes
	Prof.Narayanan M.L	ABOP L6736 F	Professor	English	Regular/ Approved	12-07-1998	22 Years 11 Months	31-03-2021
	Dr.Krishnan B	ADCP K1776 E	Professor	English	Regular/ Approved	15-06-2010	11 Years 0 Months	31-03-2021
	Dr. Ilankumaran M	AAJP1 220M	Professor	English	Regular/ Approved	26-06-2008	13 Years 0 Months	11.08.2021
	Mr. Khaleel Rahuman A	AJLPK 2569A	Associate Professor & HOD	English	Regular/ Approved	3-Oct-97	23 Years 8 Months	Yes
	Dr. Jinu R	BCM PJ2502 D	Assistant Professor	English	Regular/ Approved	01-10-2015	5 Years 8 Months	Yes
	Ms.Deepa P	AZOP D9754 D	Assistant Professor	English	Regular/ Approved	21-01-2008	13 Years 5 Months	Yes
	Dr. Bindhu V S	ARDP G9335 N	Assistant Professor	English	Regular/ Approved	28-01-2010	11 Years 5 Months	31-12-2020
	Dr. Sheila J	BRPPS 5756J	Assistant Professor	English	Regular/ Approved	1-Feb-2010	11 Years 4 Months	Yes
	Ms.Kohila	CIBPK	Assistant	English	Regular/	22-07-	10 Years	Yes

M	8713M	Professor		Approved	2010	11 Months	
Ms. Shafrina S	LBSPS 4643H	Assistant Professor	English	Regular/Approved	07-08-2018	2 Years 10 Months	Yes
Ms. Mathi Vathani J	FBYP M4597 Q	Teaching Assistant	English	Regular/Approved	27-09-2018	2 Years 9 Months	Yes
Mr. Mohamed Yaseen O M	ACHP O6723 B	Teaching Assistant	English	Regular/Approved	27-09-2018	2 Years 9 Months	Yes
Mr. Jean Luc Murorimana	CPMP D6977 G	French Instructor	English	Regular/Approved	03-02-2016	5 Years 4 Months	Yes
Dr. Immaculate Mary M	AHUP M3954 A	Professor & HOD	Maths	Regular/Approved	17-Nov-1993	27 Years 7 Months	Yes
Dr. Sarasiya P B	ASYP S9484 N	Professor	Maths	Regular/Approved	02-08-1995	25 Years 10 Months	Yes
Dr. Selvarajan T.M	AQLP S6849 N	Associate Professor	Maths	Regular/Approved	06-09-1999	21 Years 9 Months	Yes
Dr. Kumaresan S	AJLPK 3678A	Associate Professor	Maths	Regular/Approved	01-07-2013	7 Years 11 Months	Yes
Dr. Uma Samundesarik K	AAMP U0649 K	Associate Professor	Maths	Regular/Approved	18-09-2000	20 Years 9 Months	Yes
Dr. Binthiya R	AOGP B7104 N	Assistant Professor	Maths	Regular/Approved	20-02-2007	14 Years 4 Months	Yes
Dr. Nageswari P	ATWP P5014 G	Assistant Professor	Maths	Regular/Approved	27-06-2007	14 Years 0 Months	Yes
Dr. Uma Devi K	ACOP U0961 E	Assistant Professor	Maths	Regular/Approved	04-01-2008	13 Years 5 Months	Yes
Dr. Sheeba Singh D	DDGP S6465 B	Assistant Professor	Maths	Regular/Approved	07-01-2008	13 Years 5 Months	Yes
Dr. Sudha. M	BRWP S544Q	Assistant Professor	Maths	Regular/Approved	25-06-2008	13 Years 0 Months	Yes
Mr. Victor Jeya Chandra. G	AJSPV 6843M	Assistant Professor	Maths	Regular/Approved	25-07-2008	12 Years 11 Months	Yes
Ms. Jeba Sheeja P	AJSPV 6843M	Assistant Professor	Maths	Regular/Approved	27-01-2009	12 Years 5 Months	Yes
Dr. John Arul Singh. J	AWM PJ5230 D	Assistant Professor	Maths	Regular/Approved	15-07-2011	9 Years 11 Months	Yes

2.4.2
Q_nM

Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

Year	2020-2021
Number	135

2.4.2 Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

Name of full time teacher with Ph.D./D.M/M.C h./D.N.B Superspeciality/ D.Sc./D’Lit.	Qualification (Ph.D./D.M/M. Ch./D.N.B Superspeciality/ D.Sc./D’Lit.) and Year of Obtaining	Whether Recognised as Research Guide for Ph.D./D.M/M.C h./D.N.B Superspeciality/ D.Sc./D’Lit.	Year of Recognition as Research Guide	Name of full time teacher with Ph.D./D.M/M.C h./D.N.B Superspeciality/ D.Sc./D’Lit.
Dr. Mehta R. C.	B.E., M.S., Ph.D., 1992	Ph.D.	2009	Dr. Mehta R. C.
Dr. Annil Kumar T.	B.E., M.Tech., Ph.D., 2014	Ph.D.	2014	Dr. Annil Kumar T.
Dr. Neela Rajan R. R.	B.E., M.E., Ph.D., 2018	Ph.D.	2018	Dr. Neela Rajan R. R.
Dr. Abilash N.	B.E., M.E., Ph.D., 2014	Ph.D.	2014	Dr. Abilash N.
Dr. Aldrin Sugin M. S.	B.E., M.E., MBA., MPhil., Ph.D., 2016	-	NR	Dr. Aldrin Sugin M. S.
Dr. Saji Soundara Raj J.	B.E., M.E., Ph.D., 2021	-	NR	Dr. Saji Soundara Raj J.
Dr. Benita J.	B.E., M.E., Ph.D., 2016	Ph.D.	2019	Dr. Benita J.
Dr. Edwin Raja Dhas J.	B.E., M.E., Ph.D., 2009	Ph.D.	2009	Dr. Edwin Raja Dhas J.
Dr. Edwin Sahayaraj M.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Edwin Sahayaraj M.
Dr. Robin Divahar S.	B.E., M.E., Ph.D., 2018	Ph.D.	2019	Dr. Robin Divahar S.
Dr. Stanly Jones Retnam B.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr. Stanly Jones Retnam B.
Dr. Bavanish B.	B.E., M.E., Ph.D., 2015	Ph.D	2016	Dr. Bavanish B.
Dr. Murugan M.	B.Sc., M.Sc., PGDBI, CIEL, Ph.D., 2010	Ph.D.	2012	Dr. Murugan M.
Dr. Albert Jerome S.	B.E., M.Tech., Ph.D., 2016	Ph.D.	2018	Dr. Albert Jerome S.
Dr. I. Sowmy	B.E., M.E., Ph.D., 2017	Ph.D.	2019	Dr. I. Sowmy
Dr. Narayanan Nair V.	MSc (Geology)., Ph.D., 1983	Ph.D.	2009	Dr. Narayanan Nair V.
Dr. N. Nalanth	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. N. Nalanth
Dr. M. S. Ravi Kumar	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr. M. S. Ravi Kumar
Dr. Shajin Nargunam A.	MCA., M.E., Ph.D., (NITC), 2009	Ph.D.	2009	Dr. Shajin Nargunam A.

	Dr. Julia Punitha Malar Dhas	B.E, M.E., Ph.D., 2010	Ph.D.	2011	Dr. Julia Punitha Malar Dhas
	Dr.Amar Pratap Singh J.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr.Amar Pratap Singh J.
	Dr. Chitra R.	B.E., M.E., Ph.D., 2017	Ph.D.	2019	Dr. Chitra R.
	Dr. Kalaiselvi R.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Kalaiselvi R.
	Dr. Vinila Jinny S.	B.E., M.E., Ph.D., 2016	Ph.D.	2017	Dr. Vinila Jinny S.
	Dr. U. Kumaran	B.E., M.E, Ph.D., 2015	Ph.D.	2018	Dr. U. Kumaran
	Dr. Maheswaran C. P.	B.E., M.E., Ph.D., 2017	Ph.D.	2017	Dr. Maheswaran C. P.
	Dr. Suji Pramila R.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Suji Pramila R.
	Dr. Judith J. E.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Judith J. E.
	Dr. Anitha A.	B.E., M.E., Ph.D., 2016	Ph.D.	2017	Dr. Anitha A.
	Dr. Venkadesh P.	B.E., M.E., Ph.D., 2017	Ph.D.	2018	Dr. Venkadesh P.
	Dr. Anusha Bamini A. M.	B.E, M.E., Ph.D., 2018	Ph.D.	2019	Dr. Anusha Bamini A. M.
	Dr. Vinod Kumar R. S.	B.E., M.S., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Vinod Kumar R. S.
	Dr. Santhi N.	B.E., M.E., Ph.D., 2014	Ph.D.	2014	Dr. Santhi N.
	Dr. Amala Shanthi S.	B.E., M.E., Ph.D., 2017	Ph.D.	2017	Dr. Amala Shanthi S.
	Dr. Mary Synthuja Jain Preetha D.M.	B.E., M.E., Ph.D., 2016	Ph.D.	2017	Dr. Mary Synthuja Jain Preetha D.M.
	Dr. Vijula Grace K.S.	B.E., M.E., Ph.D., 2015	Ph.D.	2015	Dr. Vijula Grace K.S.
	Dr. Divya S.V.	B.Tech, M.E., Ph.D., 2017	Ph.D.	2018	Dr. Divya S.V.
	Dr.Sujatha Therese P.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr.Sujatha Therese P.
	Dr. Mary Synthia Regis Prabha D.M.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr. Mary Synthia Regis Prabha D.M.
	Dr. Arul Linsely J.	B.E., M.E, Ph.D., 2016	Ph.D.	2017	Dr. Arul Linsely J.
	Dr. Beulah S.	MCA, Ph.D., 2016		NR	Dr. Beulah S.
	Dr. Anitha Janet Mary S.	B.E., M.E., Ph.D., 2018	Ph.D.	2019	Dr. Anitha Janet Mary S.
	Dr.Tibbie Pon Symon. V. A.	B.E., M.E., Ph.D., 2018	Ph.D.	2018	Dr.Tibbie Pon Symon. V. A.
	Dr. Muthuvel K.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Muthuvel K.
	Dr. Kumar S. S.	B.E., M.E., Ph.D., 2013	Ph.D.	2013	Dr. Kumar S. S.
	Dr. Amsaveni. V.	B.E., M.E., Ph.D., 2016	Ph.D.	2017	Dr. Amsaveni. V.
	Dr. Menaka D.	B.E., M.E., Ph.D., 2018	Ph.D.	2018	Dr. Menaka D.

	Dr. Manju R.	B.E., M.E., Ph.D., 2018	Ph.D.	2019	Dr. Manju R.
	Dr. H. Vennila	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr. H. Vennila
	Dr. Sarath R.	B.E., M.E., Ph.D., 2018	Ph.D.	2018	Dr. Sarath R.
	Dr. Felix Stephen S.	B.E., M.E., Ph.D., 2019	Ph.D.	2019	Dr. Felix Stephen S.
	Dr. Ganesh R. S.	B.E, M.E., MBA., Ph.D., 2017	Ph.D.	2017	Dr. Ganesh R. S.
	Dr. Chandrashekhar N.	B.E., Ph.D. (IITM), 1975	Ph.D.	2009	Dr. Chandrashekhar N.
	Dr. Darwins A. K.	B.E., M.E.,Ph.D., 2020		NR	Dr. Darwins A. K.
	Dr. Rajesh R.	B.E., M.E., Ph.D., 2018	Ph.D	2018	Dr. Rajesh R.
	Dr. Deepa P.	MA, M.Phil, Ph.D., 2020		NR	Dr. Deepa P.
	Dr. Maria Celestin Vigila S.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr. Maria Celestin Vigila S.
	Dr. Sugitha N.	B.E., M.E., Ph.D., 2015	Ph.D.	2015	Dr. Sugitha N.
	Dr.Palani Kumar S.	B.E., M.E., Ph.D., 2013	Ph.D.	2014	Dr.Palani Kumar S.
	Dr. Mary Amala Bai V.	B.E., M.E., Ph.D., 2015	Ph.D.	2016	Dr. Mary Amala Bai V.
	Dr. Brindha T.	B.Tech., M.E., Ph.D., 2016	Ph.D.	2017	Dr. Brindha T.
	Dr. Siva Sankar K.	B.E, M.E., Ph.D., 2012	Ph.D.	2013	Dr. Siva Sankar K.
	Dr. Flower Queen M. P.	B.E., ME., Ph.D., 2014	Ph.D.	2014	Dr. Flower Queen M. P.
	Dr. John Leon S.	B.E., M.E., Ph.D., 2018	Ph.D.	2019	Dr. John Leon S.
	Dr. Gopalakrishnan T.	B.E., M.E., Ph.D., 2021		NR	Dr. Gopalakrishnan T.
	Dr. Jai Aultrin K. S.	B.E, M.E., Ph.D., 2016	Ph.D.	2017	Dr. Jai Aultrin K. S.
	Dr. Heaven Rose R. I.	B.Sc, M.Sc., Ph.D., 2019		NR	Dr. Heaven Rose R. I.
	Dr. Dev Anand M.	B.E, M.E., Ph.D., 2007	Ph.D.	2009	Dr. Dev Anand M.
	Dr. Joselin Herbert G. M.	B.E, M.E., Ph.D., 2007	Ph.D.	2011	Dr. Joselin Herbert G. M.
	Dr. Ramasamy N.	B.E., M.E., Ph.D., 2017	Ph.D.	2017	Dr. Ramasamy N.
	Dr. Janaki M. C.	BA, MA, Ph.D., 2015		NR	Dr. Janaki M. C.
	Dr. R. Rajesh	B.E, M.E, Ph.D., 2015	Ph.D.	2016	Dr. R. Rajesh
	Dr. Jeba Singh V. K.	B.E, M.E, Ph.D., 2015	Ph.D	2016	Dr. Jeba Singh V. K.
	Dr. Jenkins Hexley Dhas S.	B.E., M.Tech., Ph.D., 2019		NR	Dr. Jenkins Hexley Dhas S.
	Dr. Judson Durai	B.E., M.E.,	Ph.D.	2019	Dr. Judson Durai

T.	Ph.D., 2018			T.
Dr. Praseetha P.K.	B.Sc, M.Sc., UGC (NET), Ph.D., 2010	Ph.D.	2011	Dr. Praseetha P.K.
Dr. Balamurugan S.	B.Sc, M.Sc., Ph.D., 2002	Ph.D.	2011	Dr. Balamurugan S.
Dr. Sreeja T. K.	B.E., M.E, Ph.D., 2017	Ph.D.	2018	Dr. Sreeja T. K.
Dr. Jerald Jose P.	B.E., M.E., Ph.D., 2019		NR	Dr. Jerald Jose P.
Dr. Prabu M.	B.Sc, M.Sc, M.Tech., Ph.D., 2013	Ph.D.	2016	Dr. Prabu M.
Dr. S. Gobalakrishnan	M.Sc, M.Tech., Ph.D., 2017	Ph.D.	2021	Dr. S. Gobalakrishnan
Dr. Jinu R.	MA, M.Phil., Ph.D., 2014	Ph.D	2016	Dr. Jinu R.
Dr.Arockia Selva Saroja G.	B.E., M.E., Ph.D., 2017	Ph.D.	2018	Dr.Arockia Selva Saroja G.
Dr. N. C. J. Packia Lekshmi	B.Sc., M.Sc., M.Phil., Ph.D., 2016	Ph.D.	2019	Dr. N. C. J. Packia Lekshmi
Dr. Karthikeyan L. M.	B.E., M.E., Ph.D., 2014		NR	Dr. Karthikeyan L. M.
Dr. Kavitha Rani	B.Sc., MBA, M.Phil., Ph.D., 2020		NR	Dr. Kavitha Rani
Dr. M. Antilin Princela	M.Sc., M.Phil, Ph. D., 2021		NR	Dr. M. Antilin Princela
Dr. Jeyakumar M. K.	MCA, M.Phil., M.Tech., Ph.D., 2010	Ph.D.	2011	Dr. Jeyakumar M. K.
Dr. Jeba J. R.	MCA., M.Phil, Ph.D., 2013	Ph.D.	2014	Dr. Jeba J. R.
Dr.Victor Jose M.	B.E., M.E., Ph.D., 2016	Ph.D.	2017	Dr.Victor Jose M.
Dr. Mathusoothana S. Kumar R.	B.E., M.E., Ph.D., 2014	Ph.D	2014	Dr. Mathusoothana S. Kumar R.
Dr. Siva Balan R. V.	B.Sc, MCA, M.Phil., Ph.D., 2012	Ph.D.	2012	Dr. Siva Balan R. V.
Dr. Subhajini A. C.	B.Sc., M.S, M.Phil., Ph.D., 2014	Ph.D.	2015	Dr. Subhajini A. C.
Dr. Janardhanan K. A.	MA, M.Phil., B.Ed., MBA, Ph.D. (Mgt), Ph.D. (PA), 2010	Ph.D.	2011	Dr. Janardhanan K. A.
Dr. M. Janarthanan Pillai	MA, MBA., M.Phil., Ph.D., 2006	Ph.D.	2019	Dr. M. Janarthanan Pillai
Dr. Radhika R.	MA., MBA., M.Phil., Ph.D., 2006	Ph.D.	2011	Dr. Radhika R.
Dr. R. Shabi Ruskin	Msc, M.Phil., Ph.D., 2018		NR	Dr. R. Shabi Ruskin
Dr.M. Sulaipher	B.Sc, MBA,	Ph.D.	2015	Dr.M. Sulaipher

		Ph.D., 2014			
	Dr. Shibin Tad M. C.	B.Sc, MBA, M.Phil, Ph.D., 2017	Ph.D.	2018	Dr. Shibin Tad M. C.
	Dr. Raja Brindha J	B.Sc, M.Sc, M.Phil, Ph.D., 2017	Ph.D	2018	Dr. Raja Brindha J
	Dr. Asha K.	MBA, MPhil., Ph.D., 2018	Ph.D.	2019	Dr. Asha K.
	Dr.Charles J.	M.Sc., M.Phil (CS), M.Tech., Ph.D., 2017	Ph.D.	2018	Dr.Charles J.
	Dr. Ratnam Nadar C.	M.Sc., M.Phil., Ph.D., 1990	Ph.D.	2009	Dr. Ratnam Nadar C.
	Dr. Jayan J. P.	MCA, M.Phil., Ph.D., 2019	Ph.D.	2021	Dr. Jayan J. P.
	Dr. Jerine S.	M.Sc. CT, M.Phil., Ph.D., 2018	Ph.D.	2018	Dr. Jerine S.
	Dr. Ramesh Palappan R.	B.E., M.E., Ph.D., 2019		NR	Dr. Ramesh Palappan R.
	Dr. Rimal Isaac R. S.	B.Tech., M.Tech., Ph.D., 2016	Ph.D	2016	Dr. Rimal Isaac R. S.
	Dr. Sankaranarayana Pillai M.	M.Sc., M.Phil., Ph.D., 1993	Ph.D.	2009	Dr. Sankaranarayana Pillai M.
	Dr. Joseph J.	B.Sc., M.Sc., M.Phil, Ph.D, PDF., 2008	Ph.D.	2009	Dr. Joseph J.
	Dr. Sharmila T. M.	B.Sc., M.Sc., M.Phil, Ph.D., 2016	Ph.D.	2018	Dr. Sharmila T. M.
	Dr. Sagi Rani C.	B.Sc., M.Sc., M.Phil., B.Ed., Ph.D., 2020		NR	Dr. Sagi Rani C.
	Dr. Bindhu B.	M.Sc., M.Phil., Ph.D., 2013	Ph.D.	2013	Dr. Bindhu B.
	Dr. Meena Devi V. N.	B.Sc., M.Sc., Ph.D., 2010	Ph.D.	2011	Dr. Meena Devi V. N.
	Dr. Ganapathi Raman.R	B.Sc., M.Sc., M.Phil., Ph.D., 2011	Ph.D.	2011	Dr. Ganapathi Raman.R
	Dr. Sheila J.	M.A., M.Phil., Ph.D., 2019		NR	Dr. Sheila J.
	Dr. Sindia. T.V.	B.Tech., M.Tech., Ph.D., 2019		NR	Dr. Sindia. T.V.
	Dr. Krishnan B.	M.A, M.Phil, Ph.D., 1995	Ph.D	2011	Dr. Krishnan B.
	Dr. Ilankumaran M.	MA, M.Phil, Ph.D., 2013	Ph.D.	2013	Dr. Ilankumaran M.
	Dr. Sugirtha Suni. N.Y.	B.Sc., M.Sc., M.Phil., B.Ed., Ph.D., 2020		NR	Dr. Sugirtha Suni. N.Y.
	Dr. Velmurugan V P	M.Com., MBA, Ph.D., B.L., 2016	Ph.D	2017	Dr. Velmurugan V P
Dr. Samuel Blessed	M.Sc., M.Phil., Ph.D., 2020		NR	Dr. Samuel Blessed	

	Nayagam P. V.					Nayagam P. V.		
	Dr. Bindhu V. S.	M.Sc., M.Phil., Ph.D., 2018	Ph.D.	2018		Dr. Bindhu V. S.		
	Dr. M. Immaculate Mary	M.Sc, M.Phil, B.Ed, Ph.D., 2006	Ph.D.	2009		Dr. M. Immaculate Mary		
	Dr. P. B. Sarasija	M.Sc., Ph.D., 1993	Ph.D.	2009		Dr. P. B. Sarasija		
	Dr. T .M.Selvarajan	M.Sc., M.Phil., B.Ed.,Ph.D., 2013		2014		Dr. T .M.Selvarajan		
	Dr. S. Kumaresan	M.Sc., M.Phil., Ph.D., 2017	Ph.D.	2013		Dr. S. Kumaresan		
	Dr. K.Uma Samundesvari	M.Sc, M.Phil.,PGDCA, Ph.D.,SET., 2013	Ph.D.	2014		Dr. K.Uma Samundesvari		
	Dr. R. Binthiya	M.Sc, M.Phil., Ph.D., SET, NET(CSIR) .,2015	Ph.D.	2016		Dr. R. Binthiya		
	Dr. P. Nageswari	B.Sc.,M.Sc., M.Phil.,PGDCA, Ph.D., 2015	Ph.D.	2016		Dr. P. Nageswari		
	Dr. K. Uma Devi	M.Sc, B.Ed., M.Phil, Ph.D., 2013	Ph.D.	2016		Dr. K. Uma Devi		
	Dr. D. Sheeba Singh	B.Sc., M.Sc., M.Phil., NET, Ph.D., 2017	Ph.D.	2018		Dr. D. Sheeba Singh		
	Dr. Sudha M.	B.Sc., B.Ed., M.Sc., M.Phil., Ph.D., 2017	Ph.D.	2018		Dr. Sudha M.		
	Dr. J. John Arul singh	B.Sc., M.Sc., M.Phil., Ph.D., 2012	Ph.D.	2013		Dr. J. John Arul singh		
	Dr. K. Sri Rranganathan	BBA, MBA, M.Phil., Ph.D.	Ph.D.	2021		Dr. K. Sri Rranganathan		
Dr. D. Kinslin	MBA, M.Phil., Ph.D.	Ph.D.	2009		Dr. D. Kinslin			
2.4.3 Q _n M	Total teaching experience of full time teachers in the same institution during the year							
	2.4.3.1: Total experience of full-time teachers: 2653							
	2.4.3 Total teaching experience of full time teachers in the same institution during the year							
	Name of the Full-time teacher	PAN	Designation	Year of appointment	Nature of appointment (Against Sanctioned post, temporary.	Name of the Department	Total years of Experience in the same institution	Is the teacher still serving the institution/If not last year of the service

					perman ent)			of Faculty to the Instituti on
	Dr. Mehta R C	ADQ PM3 058H	Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	02-01-2008	13 Years 5 Months	Yes
	Dr. Annil Kumar T	ARC PA97 87D	Associate Professor &HOD	Aeronaut ical Engineeri ng	Regular/ Approve d	23-07-2007	13 Years 11 Months	Yes
	Dr. Neela Rajan. R.R	AEU PN72 88R	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	25-06-2008	13 Years 0 Months	Yes
	Mr. Anton Savio Lewise K	AVS PA76 70B	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	01-07-2009	11 Years 11 Months	Yes
	Mr. Rohith.I.J	ATY PJ81 03A	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	01-08-2016	4 Years 10 Months	Yes
	Mr. Antony Vincent V	ARR PA16 35R	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	01-07-2009	11 Years 11 Months	Yes
	Mr. Pon Sudhir Sajana S S	COX PP82 16G	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	14-08-2014	6 Years 10 Months	Yes
	Mr. Anu Kuttan A	BJRP A825 0K	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	28-Jun-2019	2 Years 0 Months	Yes
	Ms. Sibithra S P	HXR PS02 44B	Assistant Professor	Aeronaut ical Engineeri ng	Regular/ Approve d	28-06-2019	2 Years 0 Months	23-10-2020
	Prof. Chaman Lal Ojha	AAC PO90 35B	Professor & HOD	Aerospac e Engineeri ng	Regular/ Approve d	30-Jul-08	12 Years 11 Months	31-03-2021
	Dr. Aldrin Sugin. M.S	AZS P A995 7F	Associate Professor	Aerospac e Engineeri ng	Regular/ Approve d	21-04-2010	11 Years 2 Months	Yes
	Mr. Samuel K	FETP S797 0P	Assistant Professor	Aerospac e Engineeri ng	Regular/ Approve d	03-07-2012	8 Years 11 Months	26-09-2020
	Mr. Muthu Sherin S	APD PM4 198K	Assistant Professor	Aerospac e Engineeri ng	Regular/ Approve d	04-07-2012	8 Years 11 Months	30-03-2021
	Dr. Karthikeyan	AXR PK90	Assistant Professor	Aerospac e	Regular/ Approve	12-10-2015	5 Years 8 Months	Yes

	L M	93P		Engineering	d			
	Mr. Nalinakshan Nair S	DLP PS13 50Q	AP, Deputy Chief Instructor	Aircraft Maintenance Engineering	Regular/ Approved	13-12-2006	14 Years 6 Months	Yes
	Mr. Sreedharan Nair.M	AAP PN80 85K	Deputy Chief Instructor	Aircraft Maintenance Engineering	Regular/ Approved	01-10-2014	6 Years 8 Months	Yes
	Mr. Laxman Kumar Hati	AIDP L136 3L	Deputy Training Manager	Aircraft Maintenance Engineering	Regular/ Approved	03-09-2019	1 Years 9 Months	Yes
	Dr. Saji Soundara Raj. J	CPO PS68 07Q	Associate Professor	Aircraft Maintenance Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	Yes
	Mr. Praveen V	AKP PV38 21P	Deputy Quality Manager	Aircraft Maintenance Engineering	Regular/ Approved	13-01-2020	1 Years 5 Months	Yes
	Dr. Benita J	ANB PB09 47K	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	22-07-2010	10 Years 11 Months	Yes
	Mr. Hari Kumar. S	DAD PS17 74K	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	17-06-2001	20 Years 0 Months	Yes
	Mr. J. Anish	CBH PA36 89R	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	28-06-2019	2 Years 0 Months	Yes
	Ms. Ninisha Nels	BNO RN0 316G	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	17-09-2019	1 Years 9 Months	Yes
	Mr. D. Sudhakar	CQX PS62 75C	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	22-11-2019	1 Years 7 Months	Yes
	Mr. Ashwin V D S	BCP PA55 33A	Assistant Professor	Aircraft Maintenance Engineering	Regular/ Approved	25-09-2019	1 Years 9 Months	Yes
	Mr.N.Sathesh Raja		Assistant Professor	Aircraft Maintenance	Regular/ Approved	30-03-2021	0 Years 3 months	Yes

				nce Engineeri ng	d			
	Mr. Ravikumar. P.J	BAV PR75 07P	Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	07-12- 2015	5 Years 6 Months	Yes
	Mr. Anoop Krishnan.K. L	AKH PL45 34H	Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	10-Feb- 2017	4 Years 4 Months	Yes
	Mr.Inbasekar an.K		Instructor	Aircraft Maintena nce Engineeri ng	Regular/ Approve d	1-Mar- 2021	0 Years 3 months	Yes
	Dr. Edwin Raja Dhas.J	AAK PE92 57F	Professor & HOD	Automob ile Engineeri ng	Regular/ Approve d	29-07- 2005	15 Years 11 Months	Yes
	Dr. Edwin Sahayaraj M	AM WP M73 76D	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	05-07- 2004	16 Years 11 Months	Yes
	Dr. Robin Divahar S	ANU PR43 51C	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	29-03- 2005	16 Years 3 Months	Yes
	Dr. Stanly Jones Retnam.B	COM PS82 81D	Associate Professor	Automob ile Engineeri ng	Regular/ Approve d	10-08- 2009	11 Years 10 Months	Yes
	Dr. Darwins A K	AMV PD62 64C	Assistant Professor	Automob ile Engineeri ng	Regular/ Approve d	23-07- 2010	10 Years 11 Months	Yes
	Mr.F.Peter	DXC PP66 78F	Assistant Professor	Automob ile Engineeri ng	Regular/ Approve d	20-Nov- 2019	1 Years 7 Months	Yes
	Mr.V.C Shajan	FEO PS04 64H	Assistant Professor	Automob ile Engineeri ng	Regular/ Approve d	6-Nov- 2019	1 Years 7 Months	Yes
	Mr. Prem Narayanan		Assistant Professor	Automob ile Engineeri ng	Regular/ Approve d	11-Nov- 2019	1 Years 7 Months	Yes
	Ms.Anju A J	BFB PJ56 531K	Assistant Professor	Automob ile Engineeri ng	Regular/ Approve d	21-11- 2019	1 Years 7 Months	Yes
	Dr. Murugan M	AW O PS15 28F	Professor & HOD	Biomedic al Engineeri ng	Regular/ Approve d	23-05- 2011	10 Years 1 Months	Yes
	Dr. Albert	AW	Associate	Biomedic	Regular/	13-05-	18 Years	Yes

	Jerome S	O PS15 28F	Professor	al Engineeri ng	Approve d	2003	1 Months	
	Dr. I. Sowmy	BFFP S844 7J	Associate Professor	Biomedic al Engineeri ng	Regular/ Approve d	13-07- 2009	11 Years 11 Months	Yes
	Ms. Femi V	ABN PF10 18M	Assistant Professor	Biomedic al Engineeri ng	Regular/ Approve d	04-07- 2012	8 Years 11 Months	Yes
	Mr. Navis Thinagar J	AHJ PN73 40Q	Assistant Professor	Biomedic al Engineeri ng	Regular/ Approve d	04-07- 2012	8 Years 11 Months	18-01- 2021
	Ms.Lisha Daniel	ARJP L941 3E	Assistant Professor	Biomedic al Engineeri ng	Regular/ Approve d	10-08- 2016	4 Years 10 Months	Yes
	Ms. Lekshmi V Nair	BEM PN68 01H	Assistant Professor	Biomedic al Engineeri ng	Regular/ Approve d	05-07- 2018	2 Years 11 Months	Yes
	Dr. Narayanan Nair V	ABF PN49 22Q	Professor	Civil Engineeri ng	Regular/ Approve d	30-06- 2008	13 Years 0 Months	Yes
	Dr. N. Nalanth	ADN PN95 83D	Professor & HOD	Civil Engineeri ng	Regular/ Approve d	04-12- 2007	13 Years 6 Months	Yes
	Dr. M. S Ravi Kumar	AGP PR46 44C	Professor	Civil Engineeri ng	Regular/ Approve d	05-02- 2020	1 Years 4 Months	12-02- 2021
	Mr. Allwin.D	AUL PA41 56C	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	05-08- 2009	11 Years 10 Months	Yes
	Ms. Alex Dorwina. N	BBS PA78 33D	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	04-02- 2010	11 Years 4 Months	Yes
	Mr. Muthu Uthayan	BRE PM1 039B	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	26-09- 2011	9 Years 9 Months	Yes
	Ms. Soniya. B	FVJP S508 5J	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	06-08- 2012	8 Years 10 Months	Yes
	Mr. Mathan Kumar S	BKZ PM7 761A	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	21-01- 2013	8 Years 5 Months	Yes
	Ms. Roselin R	AUL PR95 48M	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	18-02- 2013	8 Years 4 Months	Yes
	Mr. Sunil Kumar S	DILP S268 5P	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	04-07- 2013	7 Years 11 Months	Yes
	Mr. Ajin N	BCW PA03 30C	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	09-10- 2017	3 Years 8 Months	Yes
	Ms. Abisha Y	BOV PA03 52K	Assistant Professor	Civil Engineeri ng	Regular/ Approve d	5-Sep- 2019	1 Years 9 Months	Yes

	Ms. Abisha M R	ENQ PR87 39N	Assistant Professor	Civil Engineering	Regular/ Approved	4-Nov-2019	1 Years 7 Months	Yes
	Dr. Shajin Nargunam.A	ARH PS66 66A	Professor	Computer Science and Engineering	Regular/ Approved	04-08-1997	23 Years 10 Months	Yes
	Dr. Julia Punitha Malar Dhas	AFV PG70 86C	Professor	Computer Science and Engineering	Regular/ Approved	02-08-2010	10 Years 10 Months	13.08.2021
	Dr.Amar Pratap Singh J	ADX PJ67 48E	Professor	Computer Science and Engineering	Regular/ Approved	15-05-1997	24 Years 1 Months	Yes
	Dr. Chitra R	AGN PR28 31F	Associate Professor	Computer Science and Engineering	Regular/ Approved	02-01-2003	18 Years 5 Months	Yes
	Dr. Kalaiselvi R	APY P K047 5L	Associate Professor	Computer Science and Engineering	Regular/ Approved	18-09-2009	11 Years 9 Months	Yes
	Dr. Vinila Jinny S	AJW PV91 39Q	Associate Professor	Computer Science and Engineering	Regular/ Approved	01-03-2006	15 Years 3 Months	Yes
	Dr. Kumaran U	AXR PK90 92N	Associate Professor	Computer Science and Engineering	Regular/ Approved	03-01-2006	15 Years 5 Months	Yes
	Dr. Maheswaran C P	AXD PM9 085B	Associate Professor & HOD	Computer Science and Engineering	Regular/ Approved	07-07-2006	14 Years 11 Months	Yes
	Dr. Suji Pramila R	BES PP02 10E	Associate Professor	Computer Science and Engineering	Regular/ Approved	07-07-2006	14 Years 11 Months	Yes
	Dr. Judith J E	AMV PJ15 54A	Assistant Professor	Computer Science and Engineering	Regular/ Approved	07-07-2006	14 Years 11 Months	Yes
	Dr. Anitha A	ARQ PA06 95N	Assistant Professor	Computer Science and Engineering	Regular/ Approved	19-02-2008	13 Years 4 Months	Yes
	Ms. Sinciya	DKIP	Assistant	Compute	Regular/	4-Jul-07	13 Years	11-01-

	P.O	S737 0Q	Professor	r Science and Engineeri ng	Approve d		11 Months	2021
	Mrs. Venifa Mini G	AJO PV32 97P	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	18-Jan- 08	13 Years 5 Months	Yes
	Dr. Venkadesh P	AEU PV75 99F	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	22-07- 2010	10 Years 11 Months	Yes
	Dr. Anusha Bamini A M	ATX PA85 10B	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	22-07- 2010	10 Years 11 Months	18-06- 2021
	Ms. Safrin S	HIKP S207 5C	Assistant Professor	Compute r Science and Engineeri ng	Regular/ Approve d	18-Nov- 2019	1 Years 7 Months	Yes
	Dr. Vinod Kumar R S	ACS PV00 05A	Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	14-07- 1993	27 Years 11 Months	Yes
	Dr. Santhi N	AHS PS42 31Q	Associate Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	01-07- 1995	25 Years 11 Months	Yes
	Dr. Amala Shanthi S	AQL PS24 66D	Associate Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	22-06- 1998	23 Years 0 Months	Yes
	Dr. Mary Synthuja Jain Preetha	BJZP M63 97R	Assocaite Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	10-07- 2008	12 Years 11 Months	Yes
	Dr. Vijula Grace. K.S	ADS PV40 96N	Associate Professor	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	07-02- 2011	10 Years 4 Months	Yes
	Mr. Gopalakrishn an. T.	ALY PG87 14G	Assistant Professor & HOD	Electroni cs and Commun ication Engineeri ng	Regular/ Approve d	04-04- 2005	16 Years 2 Months	Yes

	Ms. Chandrakala. K	ANR PC38 01D	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	04.08.2021AN
	Ms. Shahi. D	BDF PS77 26C	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	Yes
	Dr. Divya.S.V	AZO PD17 99E	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	01-10-2009	11 Years 8 Months	Yes
	Mr. Rajesh. K.P	BDJP P491 4M	Assistant Professor	Electronics and Communication Engineering	Regular/ Approved	03-02-2011	10 Years 4 Months	Yes
	Dr.Sujatha Therese P	AVE PS68 41C	Professor	Electrical and Electronics Engineering	Regular/ Approved	03-01-2002	19 Years 5 Months	Yes
	Dr. Mary Synthia Regis Prabha D.M	AEC PN42 14R	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	14-12-2002	18 Years 6 Months	Yes
	Dr. Arul Linsely J	AFG PJ41 04B	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	13-05-2003	18 Years 1 Months	Yes
	Dr. Flower Queen M P	AAL PF30 35H	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	28-07-2004	16 Years 11 Months	Yes
	Dr. Anitha Janet Mary S	AJV PA60 21H	Associate Professor	Electrical and Electronics Engineering	Regular/ Approved	18-01-2008	13 Years 5 Months	Yes
	Dr.Tibbie Pon Symon. V.A	COM PS54 74J	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	09-07-2008	12 Years 11 Months	Yes

	Ms. Bindhu. V.S	ARD PG93 35N	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	28-01-2010	11 Years 5 Months	Yes
	Dr. Muthuvel K	AMP TM7 064K	Assistant Professor & HOD i/c	Electrical and Electronics Engineering	Regular/ Approved	03-02-2011	10 Years 4 Months	Yes
	Ms. Russelin R P	DVP PR11 47L	Assistant Professor	Electrical and Electronics Engineering	Regular/ Approved	6-Nov-2019	1 Years 7 Months	Yes
	Dr. Kumar S S	AQP PK78 14D	Associate Professor & HOD	Electronics and Instrumentation Engineering	Regular/ Approved	12-08-2004	16 Years 10 Months	Yes
	Dr. Amsaveni. V	AQR PA96 64K	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	27-09-2007	13 Years 9 Months	Yes
	Dr. Menaka D	BSA PM4 154N	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	22-07-2010	10 Years 11 Months	Yes
	Dr.Manju R	ARX PM7 571N	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	31-03-2005	16 Years 2 Months	Yes
	Dr.H. Vennila	AEM PV30 88D	Associate Professor	Electronics and Instrumentation Engineering	Regular/ Approved	23-07-2004	16 Years 11 Months	Yes
	Dr. Sarath R	BYM PS62 274	Assistant Professor	Electronics and Instrumentation Engineering	Regular/ Approved	04-01-2007	14 Years 5 Months	Yes
	Dr. Felix Stephen. S	CNZ PS86 24J	Assistant Professor	Electronics and Instrumentation Engineering	Regular/ Approved	25-06-2008	13 Years 0 Months	Yes

	Ms. Binu Sathiya S	BDU PS57 50J	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	26-06-2009	12 Years 0 Months	Yes
	Ms. Shiny K V	AXX PV22 43A	Assistant Professor	Electronics and Instrumentation Engineering	Regular/Approved	12-Nov-2019	1 Years 7 Months	Yes
	Mr. James Dinakaran Williams I	AIPG J177 9D	Associate Professor & HOD	Fire Technology and Safety Engineering	Regular/Approved	21-06-2005	16 Years 0 Months	Yes
	Dr. Ganesh R S	AHJ PR65 84J	Associate Professor	Fire Technology and Safety Engineering	Regular/Approved	18-09-2009	11 Years 9 Months	Yes
	Dr. Bavanish. B	ALC PB78 11P	Associate Professor	Fire Technology and Safety Engineering	Regular/Approved	22-07-2010	10 Years 11 Months	Yes
	Dr. Jenkins Hexley Dhas.S	AEY PJ77 75B	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	20-07-2009	11 Years 11 Months	Yes
	Dr. Rajesh R	ATR PR08 82M	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	12-07-2012	8 Years 11 Months	Yes
	Mr.Jegan T	AQH PJ62 49D	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	03-07-2018	2 Years 11 Months	28.04.2021
	Mr. Sherlin Paul P S	FOO PS91 05D	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	20-Nov-2019	1 Years 7 Months	Yes
	Mr. Berlin Push P	DSY PB91 45Q	Assistant Professor	Fire Technology and Safety Engineering	Regular/Approved	20-Sep-2019	1 Years 9 Months	Yes

	Mr. Albert Seldon P	PNY PA19 24D	Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	23-Sep-2019	1 Years 9 Months	Yes
	Ms. G. Mercy Bai		Assistant Professor	Fire Technology and Safety Engineering	Regular/ Approved	21-11-2019	1 Years 7 Months	Yes
	Prof. Iyer A R S	ACJP R048 2L	Professor	Information Technology	Regular/ Approved	23-Sep-13	7 Years 9 Months	Yes
	Dr. Mathusoothana S. Kumar R	AFC PR95 73A	Professor & HOD	Information Technology	Regular/ Approved	16-06-1999	22 Years 0 Months	Yes
	Dr. Maria Celestin Vigila S	AHT PM1 753G	Associate Professor	Information Technology	Regular/ Approved	04-12-1998	22 Years 6 Months	Yes
	Dr. Sugitha N	ASZ PS00 21N	Associate Professor	Information Technology	Regular/ Approved	21-06-2004	17 Years 0 Months	Yes
	Dr. Palani Kumar S	AW OPS1 522R	Associate Professor	Information Technology	Regular/ Approved	14-12-2002	18 Years 6 Months	Yes
	Dr. Mary Amala Bai V	AEM PV30 87N	Associate Professor	Information Technology	Regular/ Approved	10-12-2004	16 Years 6 Months	Yes
	Dr. Brindha T	AVF PB76 09G	Associate Professor	Information Technology	Regular/ Approved	21-01-2008	13 Years 5 Months	Yes
	Dr. Siva Sankar K	BSY PS50 74F	Associate Professor	Information Technology	Regular/ Approved	01-07-2009	11 Years 11 Months	Yes
	Ms. D.R. Denslin Braja	AMR PD89 07A	Assistant Professor	Information Technology	Regular/ Approved	07-07-2006	14 Years 11 Months	Yes
	Ms. Jeyasheela Y	AIZP J667 9B	Assistant Professor	Information Technology	Regular/ Approved	12-07-2006	14 Years 11 Months	Yes
	Ms. Jayalekshmi. M.B	ALP PJ54 39A	Assistant Professor	Information Technology	Regular/ Approved	26-06-2008	13 Years 0 Months	Yes
	Dr. Sindia. T.V	BMD PS50 74F	Assistant Professor	Information Technology	Regular/ Approved	01-07-2009	11 Years 11 Months	Yes

				gy				
	Prof. Mohana Das S	ADZ PM7 419H	Professor	Marine Engineering	Regular/ Approved	12-05-2006	15 Years 1 Months	Yes
	Dr.John Leon S	AED PJ57 76P	Associate Professor & HOD	Marine Engineering	Regular/ Approved	06-10-1998	22 Years 8 Months	Yes
	Dr. Jeba Singh V K	AJM PV89 02D	Associate Professor	Marine Engineering	Regular/ Approved	01-07-2009	11 Years 11 Months	Yes
	Dr.Jai Aultrin K S	BMK PK88 08G	Associate Professor	Marine Engineering	Regular/ Approved	1-Jul-09	11 Years 11 Months	Yes
	Mr.Ratheesh A K	AYU PR75 57D	Assistant Professor	Marine Engineering	Regular/ Approved	26-07-2010	10 Years 11 Months	Yes
	Mr. Neela Prasad U N	AOE PN62 10M	Assistant Professor	Marine Engineering	Regular/ Approved	18-07-2011	9 Years 11 Months	Yes
	Mr. Vijayan Pillai S	AJBP S211 2F	Assistant Professor	Marine Engineering	Regular/ Approved	20-06-2012	9 Years 0 Months	Yes
	Mr. Jesin Jude Leonard J	AML PJ92 93K	Assistant Professor	Marine Engineering	Regular/ Approved	08-01-2016	5 Years 5 Months	Yes
	Mr. Vishnu S H	AVF PV93 25B	Asst.Prof essor	Marine Engineering	Regular/ Approved	20-11-2017	3 Years 7 Months	Yes
	Mr. Anand Jino M	BKN PA82 17P	Assistant Professor	Marine Engineering	Regular/ Approved	05-08-2019	1 Years 10 Months	Yes
	Mr.Muniasa my M	BPB PM6 628B	Assistant Professor	Marine Engineering	Regular/ Approved	15-02-2020	1 Years 4 Months	Yes
	Mr. Raghuvaran P	ATR PR99 95H	Instructor	Marine Engineering	Regular/ Approved	07-01-2009	12 Years 5 Months	Yes
	Mr. Jonie Stevans E	AXQ PJ59 38B	Teaching Assistant	Marine Engineering	Regular/ Approved	27-02-2018	3 Years 4 Months	Yes
	Dr. Chandrashek har N	AFY PC54 74K	Professor	Mechanical Engineering	Regular/ Approved	15-06-2011	10 Years 0 Months	Yes
	Dr. Dev Anand M	AQM PD23 96Q	Professor	Mechanical Engineering	Regular/ Approved	10-08-2009	11 Years 10 Months	Yes
Dr. Joselin Herbert G M	AEX PJ41 99L	Professor	Mechanical Engineering	Regular/ Approved	18-01-2010	11 Years 5 Months	Yes	
Dr. Ramasamy N	ACA PR70 70B	Associate Professor	Mechanical Engineering	Regular/ Approved	21-06-2005	16 Years 0 Months	Yes	
Dr. Abilash N	AQQ PA28 23D	Associate Professor & HOD	Mechanical Engineering	Regular/ Approved	09-02-2009	12 Years 4 Months	Yes	

				ng				
	Dr. Rajesh. R	ASE PR78 77C	Associate Professor	Mechanical Engineering	Regular/ Approved	20-06-2005	16 Years 0 Months	Yes
	Mr. Subash.S	CGP S235 8M	Assistant Professor	Mechanical Engineering	Regular/ Approved	1-Aug-2016	4 Years 10 Months	Yes
	Mr. Dinesh R	EXH PD77 15Q	Assistant Professor	Mechanical Engineering	Regular/ Approved	17-Jul-2018	2 Years 11 Months	Yes
	Mr.Raja. S	AWB PR08 48Q	Assistant Professor	Mechanical Engineering	Regular/ Approved	20-07-2009	11 Years 11 Months	Yes
	Mr. Suresh Babu V	GGM PS27 91J	Assistant Professor	Mechanical Engineering	Regular/ Approved	17-07-2018	2 Years 11 Months	Yes
	Mr. Rabin R	CNN PRO 126G	Assistant Professor	Mechanical Engineering	Regular/ Approved	7-Aug-2018	2 Years 10 Months	Yes
	Dr. Jerald Jose P	AGU PJ78 97A	Assistant Professor	Mechanical Engineering	Regular/ Approved	31-07-2009	11 Years 10 Months	Yes
	Dr. Ramesh Palappan R	AWJ PR34 94A	Assistant Professor	Mechanical Engineering	Regular/ Approved	10-08-2009	11 Years 10 Months	Yes
	Mr. Unni Krishnan. A	ADC PU87 75B	Assistant Professor	Mechanical Engineering	Regular/ Approved	14-07-2011	9 Years 11 Months	Yes
	Mr. Selvan Nambi S	EOR PS09 72G	Assistant Professor	Mechanical Engineering	Regular/ Approved	19-07-2011	9 Years 11 Months	Yes
	Mr. Subhanandh B V	CFU PS65 54J	Assistant Professor	Mechanical Engineering	Regular/ Approved	04-07-2012	8 Years 11 Months	Yes
	Mr. Eqbert K	AHP HM5 364F	Assistant Professor	Mechanical Engineering	Regular/ Approved	15-07-2013	7 Years 11 Months	Yes
	Dr. Judson Durai T	BBO PJ83 44L	Assistant Professor	Mechanical Engineering	Regular/ Approved	15-07-2013	7 Years 11 Months	Yes
	Mr. Aniber Benin.M	BJDP A498 4J	Assistant Professor	Mechanical Engineering	Regular/ Approved	01-08-2016	4 Years 10 Months	31-03-2021
Dr. Praseetha.	BUO PP80	Professor & HOD	Nano Technology	Regular/ Approved	24-07-2010	10 Years 11	Yes	

	P.K	24J		gy	d		Months	
	Dr. Balamurugan S	AXC PB32 15F	Professor	Nano Technology	Regular/ Approved	19-10-2010	10 Years 8 Months	Yes
	Dr. Sreeja T K	DKIP S640 6M	Associate Professor	Nano Technology	Regular/ Approved	10-07-2009	11 Years 11 Months	Yes
	Dr. Rimal Isaac R S	AOK PR69 29P	Assistant Professor	Nano Technology	Regular/ Approved	18-03-2010	11 Years 3 Months	Yes
	Dr. Prabu M	CDD PM8 497D	Assistant Professor	Nano Technology	Regular/ Approved	12-02-2015	6 Years 4 Months	Yes
	Dr. S. Gobalakrishnan	AXH PG41 88P	Assistant Professor	Nano Technology	Regular/ Approved	10-06-2019	2 Years 0 Months	Yes
	Dr. A. Beula (leave)	CHY PB17 90B	Assistant Professor	Nano Technology	Regular/ Approved	20-11-2019	1 Years 7 Months	31-03-2021
	Ms. Vibala B V	AUIP V009 3N	Assistant Professor	Nano Technology	Regular/ Approved	03-09-2019	1 Years 9 Months	31-03-2021
	Ms.Parvathy chandran	EPZP P005 5Q	Assistant Professor	Nano Technology	Regular/ Approved	16-03-2021	0 Years 6 months	Yes
	Mr.Faiyazud een G		Teaching Assistant	Nano Technology	Regular/ Approved	30-03-2021	0 Years 3 months	Yes
	Dr.Arockia Selva Saroja G	AFM PG88 68H	Associate Professor & HOD	Allied Health Sciences	Regular/ Approved	04-01-1999	22 Years 5 Months	Yes
	Mrs. Janu J P	BET PJ85 79R	Assistant Professor	Allied Health Sciences	Regular/ Approved	10-08-2017	3 Years 10 Months	Yes
	Ms. Monic Leka. G	BQL PM1 501J	Assistant Professor	Allied Health Sciences	Regular/ Approved	08-01-2018	3 Years 5 Months	Yes
	Dr. Raja Brindha J	CNM PR96 66Q	Assistant Professor	Allied Health Sciences	Regular/ Approved	30-01-2018	3 Years 5 Months	Yes
	Mr. Shubin C T	AXT PT93 93H	Instructor	Allied Health Sciences	Regular/ Approved	04-07-2018	2 Years 11 Months	01-04-2021
	Mr. Nahas N	CEP PN20 92J	Instructor (Clinical Perfusionist)	Allied Health Sciences	Regular/ Approved	06-07-2018	2 Years 11 Months	Yes
	Dr. N C J Packia Lekshmi	BAA PJ74 14E	Assistant Professor	Allied Health Sciences	Regular/ Approved	09-07-2018	2 Years 11 Months	Yes
	Mr. Arun James	BUN PJ93 77B	Assistant Professor	Allied Health Sciences	Regular/ Approved	09-07-2018	2 Years 11 Months	Yes
	Dr. Munnu Das J	BCU PJ39 10P	Assistant Professor	Allied Health Sciences	Regular/ Approved	30-08-2018	2 Years 10 Months	Yes
	Ms. Bushra Beevi R	BOS PB97 06F	Assistant Professor	Allied Health Sciences	Regular/ Approved	30-08-2018	2 Years 10 Months	Yes

Mr. Arun P T	BCJP C250 5A	Assistant Professor	Allied Health Sciences	Regular/ Approved	30-Aug-2018	2 Years 10 Months	Yes
Dr. Gokul Gopi	AVS PT64 18J	Assistant Professor	Allied Health Sciences	Regular/ Approved	26-09-2018	2 Years 9 Months	Yes
Dr. Janaki M C	BCJP C250 5A	Assistant Professor	Allied Health Sciences	Regular/ Approved	22-10-2018	2 Years 8 Months	Yes
Ms. Archa Vikraman S		Assistant Professor	Allied Health Sciences	Regular/ Approved	1-Feb-2019	2 Years 4 Months	31-03-2021
Ms. Ashline Jeba T	BKL PA08 00L	Assistant Professor	Allied Health Sciences	Regular/ Approved	16-Jul-2019	1 Years 11 Months	Yes
Ms. Subha T	IYW PS19 12R	Assistant Professor	Allied Health Sciences	Regular/ Approved	17-Jul-2019	1 Years 11 Months	Yes
Mrs. Lekshmi S C	GKN PS99 17M	Assistant Professor	Allied Health Sciences	Regular/ Approved	17-Jul-2019	1 Years 11 Months	Yes
Mr. Shefin Jose	AYV PJ26 89K	Assistant Professor	Allied Health Sciences	Regular/ Approved	25-Jul-2019	1 Years 11 Months	Yes
Ms. Nimiya Joseph	CBG PN38 86A	Assistant Professor	Allied Health Sciences	Regular/ Approved	26-Aug-2019	1 Years 10 Months	Yes
Ms. Beena V S	GZJP S460 3B	Assistant Professor	Allied Health Sciences	Regular/ Approved	26-08-2019	1 Years 10 Months	31-03-2021
Ms. B.S Deepa Priya	APC PP29 85G	Assistant Professor	Allied Health Sciences	Regular/ Approved	22-07-2010	10 Years 11 Months	Yes
Ms. Alaka S Prasad	HMZ PS47 38H	Assistant Professor	Allied Health Sciences	Regular/ Approved	5-Sep-2019	1 Years 9 Months	Yes
Dr. R. Shabi Ruskin	DDB PS78 69L	Assistant Professor	Allied Health Sciences	Regular/ Approved	3-Jan-2020	1 Years 5 Months	Yes
Ms. Pradheba K	CAX PP75 93N	Assistant Professor	Allied Health Sciences	Regular/ Approved	29-Jan-2020	1 Years 5 Months	Yes
Dr. K. Venkateshwaran	GCJP K233 1H	Assistant Professor	Allied Health Sciences	Regular/ Approved	08-06-2020	1 Years 0 Months	16-10-2020
Ms. Lydia Edwin	ACJP E374 3K	Assistant Professor	Allied Health Sciences	Regular/ Approved	09.12.20 20	6 Months	Yes
Ms. Cathy Charles	BHIP C692 0M	Assistant Professor	Allied Health Sciences	Regular/ Approved	02.12.20 20	6 Months	Yes
Mrs. K. Sarojini	CZQ PS61 91D	Assistant Professor	Allied Health Sciences	Regular/ Approved	03.02.20 21	4 Months	Yes
Dr. K. G. Ahila	CQJP G529 5A	Assistant Professor	Allied Health Sciences	Regular/ Approved	16.02.20 21	4 Months	Yes
Ms. Manisha	NRF PS30	Teaching Assistant	Allied Health	Regular/ Approved	04.01.20 21	6 Months	Yes

	28K		Sciences	d				
Ms. Karthika Mohan	EEE PM7 340D	Teaching Assistant	Allied Health Sciences	Regular/ Approved	03.02.2021	4 Months	Yes	
Ms. Alvira Afsar Sulthana	ECL PA93 35K	Teaching Assistant	Allied Health Sciences	Regular/ Approved	19/03/2021	6 Months	Yes	
Ms. Ariya Sankari S	DAV PA29 13J	Assistant Professor	Allied Health Sciences	Regular/ Approved	14-Jul-18	2 Years 11 Months	Yes	
Ms.Jincy.L		Instructor	Allied Health Sciences	Regular/ Approved	19-Mar-21	0 Years 3 months	Yes	
Dr. Jeyakumar M K	AHP PM5 364F	Professor	Computer Applications	Regular/ Approved	05-10-1994	26 Years 8 Months	Yes	
Dr. Jeba J R	ACU PJ31 61H	Associate Professor & HOD	Computer Applications	Regular/ Approved	17-12-1997	23 Years 6 Months	Yes	
Dr.Victor Jose M	ACR PV99 95J	Associate Prof.	Computer Applications	Regular/ Approved	07-09-1998	22 Years 9 Months	Yes	
Dr. Beulah S	AW OPS1 830Q	Associate Professor	Computer Applications	Regular/ Approved	25-06-2001	20 Years 0 Months	Yes	
Dr. Siva Balan R V	EGZ PS29 82G	Associate Professor	Computer Applications	Regular/ Approved	15-02-2012	9 Years 4 Months	28.04.2021FN	
Dr. Subhajini A C	DPX PS19 58L	Associate Professor	Computer Applications	Regular/ Approved	9-Aug-07	13 Years 10 Months	Yes	
Ms. Merlin Johnsy M	BBA PM6 762R	Assistant Professor	Computer Applications	Regular/ Approved	08-09-2005	15 Years 9 Months	Yes	
Ms. Sheela Kumari.C.R	ECV PS05 40A	Assistant Professor	Computer Applications	Regular/ Approved	05-08-2002	18 Years 10 Months	Yes	
Ms. Alan Gowri Phivin V	AVM PA50 77C	Assistant Professor	Computer Applications	Regular/ Approved	24-08-2006	14 Years 10 Months	Yes	
Dr. Janardhanan K A	AED P560 22N	Professor	Management Studies	Regular/ Approved	06-06-1990	31 Years 0 Months	Yes	
Prof. Sivathanu Pillai M	ABG PS42 23C	Professor	Management Studies	Regular/ Approved	06-09-2013	7 Years 9 Months	Yes	
Dr.M. Janardhanan Pillai	AEP PJ90 51H	Professor & HOD	Management Studies	Regular/ Approved	26-06-2019	2 Years 0 Months	Yes	
Dr.K.Sri		Professor	Manage	Regular/	01-02-	0 Years 4	Yes	

	Renganathan			ment Studies	Approved	2021	Months	
	Dr. Radhika R	AYX PR05 04P	Associate Professor	Management Studies	Regular/Approved	18-Jun-07	14 Years 0 Months	Yes
	Dr. Velmurugan V P	AGL PV95 66E	Associate Professor	Management Studies	Regular/Approved	03-10-2007	13 Years 8 Months	Yes
	Dr.M.Sulaip her	DKIP S636 3H	Associate Professor	Management Studies	Regular/Approved	25-06-2008	13 Years 0 Months	11-01-2021
	Dr. Shubin Tad M C	DJG PS64 04G	Assistant Professo	Management Studies	Regular/Approved	21-02-2015	6 Years 4 Months	Yes
	Mr. Fenin Samuel.S	ABZ PF19 34A	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Mr. Deekshith.D	AUY PD47 94L	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Dr.Kavitha Rani R	CUA PK60 27R	Assistant Professor	Management Studies	Regular/Approved	01-08-2016	4 Years 10 Months	Yes
	Dr. Asha. K	ALP PA25 41J	Assistant Professor	Management Studies	Regular/Approved	09-08-2017	3 Years 10 Months	Yes
	Ms. Y. Jenusha Ananth	BGF PJ25 15P	Assistant Professor	Management Studies	Regular/Approved	6-Jul-2018	2 Years 11 Months	Yes
	Ms. Lija P	ATS PR06 71H	Assistant Professor	Management Studies	Regular/Approved	6-Jul-2018	2 Years 11 Months	Yes
	Mr. Kishore J S	DUV PK71 98P	Assistant Professor	Management Studies	Regular/Approved	15-09-2018	2 Years 9 Months	Yes
	Mr. Danny Solomon	LGZ PS71 61N	Assistant Professor	Management Studies	Regular/Approved	08-09-2018	2 Years 9 Months	Yes
	Dr.Charles J	ADY PC60 53C	Associate Prof.	Department of Software Engineering	Regular/Approved	30-08-1996	24 Years 10 Months	Yes
	Dr. Ratnam Nadar C	AER PR51 24D	Professor	Department of Software Engineering	Regular/Approved	05-04-2004	17 Years 2 Months	31-03-2021
	Ms. Anusha Linda Kostka J. E	AV WPA S557 L	Assistant Professor	Department of Software Engineering	Regular/Approved	25-06-2001	20 Years 0 Months	Yes
	Dr. Jayan J P	AIZP J667 8A	Associate Professor & HOD	Department of Software Engineering	Regular/Approved	23-08-2006	14 Years 10 Months	Yes
	Dr. Jerine S	BQO	Associate	Departm	Regular/	25-Jun-	16 Years	Yes

		PS09 12G	Professor	ent of Software Engineeri ng	Approve d	05	0 Months	
	Dr. Heaven Rose R I	AFV PH69 50G	Assistant Professor	Departm ent of Software Engineeri ng	Regular/ Approve d	01-04- 2007	14 Years 2 Months	Yes
	Mr.Samuel Blessed Nayagam P V	BQW PS29 07M	Assistant Professor	Departm ent of Software Engineeri ng	Regular/ Approve d	25-09- 2007	13 Years 9 Months	Yes
	Mr. Ranjith V.G	AJN PR74 13G	Assistant Professor	Departm ent of Software Engineeri ng	Regular/ Approve d	08-12- 2002	18 Years 6 Months	Yes
	Ms. Melbin J Reena	BAZ PM4 866N	Assistant Professor	Departm ent of Software Engineeri ng	Regular/ Approve d	07-07- 2006	14 Years 11 Months	Yes
	Ms.Muthupri ya C V	BIW P M12 27L	Assistant Professor	Departm ent of Software Engineeri ng	Regular/ Approve d	07-09- 2008	12 Years 9 Months	Yes
	Dr. Sankaranara yana Pillai M	AEN PS21 41F	Prof & HOD	Chemistr y	Regular/ Approve d	18-Aug- 06	14 Years 10 Months	Yes
	Dr. Joseph J	AOH PJ97 76P	Professor	Chemistr y	Regular/ Approve d	23-09- 2009	11 Years 9 Months	Yes
	Dr. Sharmila T M	DXB PS23 34J	Assistant Professor	Chemistr y	Regular/ Approve d	04-09- 2008	12 Years 9 Months	Yes
	Ms. Antilin Princela M	BRL PA30 04P	Teaching Assistant	Chemistr y	Regular/ Approve d	14-08- 2018	2 Years 10 Months	Yes
	Ms. Edinsha Gladis E H	APW PH75 27L	Teaching Assistant	Chemistr y	Regular/ Approve d	20-08- 2014	6 Years 10 Months	Yes
	Ms. Arthi. D	CRIP A407 6M	Teaching Assistant	Chemistr y	Regular/ Approve d	22-08- 2017	3 Years 10 Months	Yes
	Mrs. J. Michael Ahitha Jose		Teaching Assistant	Chemistr y	Regular/ Approve d	14.08.20 18	2 Years 10 Months	Yes
	Dr. Bindhu B	AOG PB71 07R	Professor & HOD	Physics	Regular/ Approve d	21-08- 2006	14 Years 10 Months	Yes
	Dr. Meena Devi V N	BJEP M44 93H	Associate Professor	Physics	Regular/ Approve d	01-10- 2009	11 Years 8 Months	Yes
	Dr. Ganapathi Raman.R	AYD PG08 42P	Associate Professor	Physics	Regular/ Approve d	24-01- 2011	10 Years 5 Months	Yes

	Ms. Sagi Rani C	DXY PS54 84Q	Assistant Professor	Physics	Regular/ Approved	27-01-2009	12 Years 5 Months	Yes
	Mrs. Sugirtha Suni.N.Y	EOR PS09 71F	Assistant Professor	Physics	Regular/ Approved	17-08-2009	11 Years 10 Months	Yes
	Ms. Mani Prabha I	CJJP M99 36P	Teaching Assistant	Physics	Regular/ Approved	07-08-2017	3 Years 10 Months	Yes
	Prof.Narayan an M.L	ABO PL67 36F	Professor	English	Regular/ Approved	12-07-1998	22 Years 11 Months	31-03-2021
	Dr.Krishnan B	ADC PK17 76E	Professor	English	Regular/ Approved	15-06-2010	11 Years 0 Months	31-03-2021
	Dr. Ilankumaran M	AAJ P122 0M	Professor	English	Regular/ Approved	26-06-2008	13 Years 0 Months	11.08.2021
	Mr. Khaleel Rahuman A	AJLP K256 9A	Associate Professor & HOD	English	Regular/ Approved	3-Oct-97	23 Years 8 Months	Yes
	Dr. Jinu R	BCM PJ25 02D	Assistant Professor	English	Regular/ Approved	01-10-2015	5 Years 8 Months	Yes
	Ms.Deepa P	AZO PD97 54D	Assistant Professor	English	Regular/ Approved	21-01-2008	13 Years 5 Months	Yes
	Dr. Bindhu V S	ARD PG93 35N	Assistant Professor	English	Regular/ Approved	28-01-2010	11 Years 5 Months	31-12-2020
	Dr. Sheila J	BRP PS57 56J	Assistant Professor	English	Regular/ Approved	1-Feb-2010	11 Years 4 Months	Yes
	Ms.Kohila M	CIBP K871 3M	Assistant Professor	English	Regular/ Approved	22-07-2010	10 Years 11 Months	Yes
	Ms. Shafrina S	LBS PS46 43H	Assistant Professor	English	Regular/ Approved	07-08-2018	2 Years 10 Months	Yes
	Ms. Mathi Vathani J	FBY PM4 597Q	Teaching Assistant	English	Regular/ Approved	27-09-2018	2 Years 9 Months	Yes
	Mr. Mohamed Yaseen O M	ACH PO67 23B	Teaching Assistant	English	Regular/ Approved	27-09-2018	2 Years 9 Months	Yes
	Mr. Jean Luc Murorimana	CPM PD69 77G	French Instructor	English	Regular/ Approved	03-02-2016	5 Years 4 Months	Yes
	Dr. Immaculate Mary M	AHU PM3 954A	Professor & HOD	Maths	Regular/ Approved	17-Nov-1993	27 Years 7 Months	Yes
	Dr.Sarasija P B	ASY P S948 4N	Professor	Maths	Regular/ Approved	02-08-1995	25 Years 10 Months	Yes
	Dr. Selvarajan T.M	AQL PS68 49N	Associate Professor	Maths	Regular/ Approved	06-09-1999	21 Years 9 Months	Yes
	Dr.Kumaresa	AJLP	Associate	Maths	Regular/	01-07-	7 Years	Yes

	n S	K367 8A	Professor		Approve d	2013	11 Months				
	Dr.Uma Samundesvar i K	AAM PU06 49K	Associate Professor	Maths	Regular/ Approve d	18-09- 2000	20 Years 9 Months	Yes			
	Dr. Binthiya R	AOG PB71 04N	Assistant Professor	Maths	Regular/ Approve d	20-02- 2007	14 Years 4 Months	Yes			
	Dr. Nageswari P	ATW PP50 14G	Assistant Professor	Maths	Regular/ Approve d	27-06- 2007	14 Years 0 Months	Yes			
	Dr. Uma Devi K	ACO PU09 61E	Assistant Professor	Maths	Regular/ Approve d	04-01- 2008	13 Years 5 Months	Yes			
	Dr. Sheeba Singh D	DDG PS64 65B	Assistant Professor	Maths	Regular/ Approve d	07-01- 2008	13 Years 5 Months	Yes			
	Dr. Sudha. M	BRW PS54 4Q	Assistant Professor	Maths	Regular/ Approve d	25-06- 2008	13 Years 0 Months	Yes			
	Mr. Victor Jeya Chandra.G	AJSP V684 3M	Assistant Professor	Maths	Regular/ Approve d	25-07- 2008	12 Years 11 Months	Yes			
	Ms. Jeba Sheeja P	AJSP V684 3M	Assistant Professor	Maths	Regular/ Approve d	27-01- 2009	12 Years 5 Months	Yes			
	Dr. John Arul Singh.J	AW MPJ5 230D	Assistant Professor	Maths	Regular/ Approve d	15-07- 2011	9 Years 11 Months	Yes			
2.4.4 Q _n M	<i>Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year</i>										
	<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>4</td></tr></table> The institution provides incentives to teachers who receive state, national and international recognitions/awards 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the Newsletter / website								Year	2020-2021	Number
Year	2020-2021										
Number	4										

	Name of full time teachers receiving awards from state level,national level, international level	Year of Award	PAN	Designation	Name of the award, fellowship, received from Government or Government recognised bodies	Name of the Awarding Agency	Incentive s/Type of the incentive given by the HEI in recognition of the award	Link to the relevant documents
	Dr.J.Joseph	2020	AOHPJ9776P	Professor	Certificate of Achievement in WHO online course	WHO	Without Incentive	
	Dr. J. E. Judith	2020	AMVPJ1554A	AMVPJ1554A	AMVPJ1554A	AMVPJ1554A	AMVPJ1554A	
	Dr.B.Bindhu	2020	AOG PB7107R	Professor & HOD	Secured S Grade in CSIR–SRTP 2020 Activities	CSIR – SRTP 2020	Without Incentive	
	Dr.M.P.Flower Queen	2021	AALPF3035H	Associate Professor	certificate of Appreciation	NPTEL-SWAYAM	With Incentive	

Key Indicator - 2.5 Evaluation Process and Reforms

Metric No.																																																																							
2.5.1	Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year																																																																						
Q _n M	2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year: <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>54</td></tr></table>	Year	2020-2021	Number	54																																																																		
Year	2020-2021																																																																						
Number	54																																																																						
	2.5.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year																																																																						
	2.5.1.1: Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year																																																																						
	<table><tr><th>Programme Name</th><th>Programme Code</th><th>Semester/ year</th><th>Last date of the last semester-end/ year- end examination</th><th>Date of declaration of results of semester-end/ year- end examination</th></tr><tr><td>BE Aeronautical Engineering</td><td>AE22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Aerospace Engineering</td><td>AS22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Aircraft Maintenance Engineering</td><td>AC22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Automobile Engineering</td><td>AM22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Biomedical Engineering</td><td>BM22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Computer Science and Engineering</td><td>CS22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Civil Engineering</td><td>CV22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Electronics and Communication Engineering</td><td>EC22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Electrical and Electronics Engineering.</td><td>EE22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Electronics and Instrumentation Engineering</td><td>E122</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Marine Engineering.</td><td>MR22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BE Mechanical Engineering</td><td>ME22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr><tr><td>BTechFire</td><td>FT22</td><td>I / 2020-2021</td><td>16-04-2021</td><td>04-08-2021</td></tr></table>	Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination	BE Aeronautical Engineering	AE22	I / 2020-2021	16-04-2021	04-08-2021	BE Aerospace Engineering	AS22	I / 2020-2021	16-04-2021	04-08-2021	BE Aircraft Maintenance Engineering	AC22	I / 2020-2021	16-04-2021	04-08-2021	BE Automobile Engineering	AM22	I / 2020-2021	16-04-2021	04-08-2021	BE Biomedical Engineering	BM22	I / 2020-2021	16-04-2021	04-08-2021	BE Computer Science and Engineering	CS22	I / 2020-2021	16-04-2021	04-08-2021	BE Civil Engineering	CV22	I / 2020-2021	16-04-2021	04-08-2021	BE Electronics and Communication Engineering	EC22	I / 2020-2021	16-04-2021	04-08-2021	BE Electrical and Electronics Engineering.	EE22	I / 2020-2021	16-04-2021	04-08-2021	BE Electronics and Instrumentation Engineering	E122	I / 2020-2021	16-04-2021	04-08-2021	BE Marine Engineering.	MR22	I / 2020-2021	16-04-2021	04-08-2021	BE Mechanical Engineering	ME22	I / 2020-2021	16-04-2021	04-08-2021	BTechFire	FT22	I / 2020-2021	16-04-2021	04-08-2021
Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination																																																																			
BE Aeronautical Engineering	AE22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Aerospace Engineering	AS22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Aircraft Maintenance Engineering	AC22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Automobile Engineering	AM22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Biomedical Engineering	BM22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Computer Science and Engineering	CS22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Civil Engineering	CV22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Electronics and Communication Engineering	EC22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Electrical and Electronics Engineering.	EE22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Electronics and Instrumentation Engineering	E122	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Marine Engineering.	MR22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BE Mechanical Engineering	ME22	I / 2020-2021	16-04-2021	04-08-2021																																																																			
BTechFire	FT22	I / 2020-2021	16-04-2021	04-08-2021																																																																			

	Technology and Safety Engineering				
	BTech Information Technology	IF22	I / 2020-2021	16-04-2021	04-08-2021
	ME Aeronautical Engineering	AE25	I / 2020-2021	16-04-2021	04-08-2021
	ME Computer Integrated Manufacturing	CM25	I / 2020-2021	16-04-2021	04-08-2021
	ME Computer Science and Engineering	CS25	I / 2020-2021	16-04-2021	04-08-2021
	ME Communication Systems	EC25	I / 2020-2021	16-04-2021	04-08-2021
	ME Structural Engineering	CV25	I / 2020-2021	16-04-2021	04-08-2021
	ME Thermal Engineering	TE25	I / 2020-2021	16-04-2021	04-08-2021
	ME Cyber Security	CY25	I / 2020-2021	16-04-2021	04-08-2021
	ME Automobile Engineering	AM25	I / 2020-2021	16-04-2021	04-08-2021
	MBA -Master of Business Administration	MS25	I / 2020-2021	16-04-2021	04-08-2021
	MBA-AI -Master of Business Administration	MS26	I / 2020-2021	16-04-2021	04-08-2021
	MCA -Master of Computer Applications	CA25	I / 2020-2021	16-04-2021	04-08-2021
	BBA -Bachelor of Business Administration	MS26	I / 2020-2021	16-04-2021	04-08-2021
	BASLP - Bachelor of Audiology Speech and Language Pathology	SA26	I / 2020-2021	24-04-2021	04-08-2021
	BSc Forensic Science	FS26	I / 2020-2021	24-04-2021	04-08-2021
	BSc Human Genetics and Molecular Biology	BM26	I / 2020-2021	24-04-2021	04-08-2021
	BSc Cyber forensic	IT26	I / 2020-2021	16-04-2021	04-08-2021
	BSc Renal Dialysis Technology	DT26	I / 2020-2021	24-04-2021	04-08-2021
	BSc Cardiac Care Technology	CT26	I / 2020-2021	24-04-2021	04-08-2021
	BSc Perfusion Technology	PT26	I / 2020-2021	24-04-2021	04-08-2021

	M.Sc. Physics	PH27	I / 2020-2021	16-04-2021	04-08-2021
	M.Sc. Chemistry	CH27	I / 2020-2021	16-04-2021	04-08-2021
	M.Sc. Mathematics	MA27	I / 2020-2021	16-04-2021	04-08-2021
	M.A. English	EG27	I / 2020-2021	16-04-2021	04-08-2021
	M.Sc. Human Genetics and Molecular Biology	BM27	I / 2020-2021	03-06-2021	04-08-2021
	MSc. Software Engineering (5Years)	SE28	I / 2020-2021	03-06-2021	04-08-2021
	BE Aeronautical Engineering	AE22	II / 2020-2021	19-08-2021	03-11-2021
	BE Aerospace Engineering	AS22	II / 2020-2021	19-08-2021	03-11-2021
	BE Aircraft Maintenance Engineering	AC22	II / 2020-2021	19-08-2021	03-11-2021
	BE Automobile Engineering	AM22	II / 2020-2021	19-08-2021	03-11-2021
	BE Biomedical Engineering	BM22	II / 2020-2021	19-08-2021	03-11-2021
	BE Computer Science and Engineering	CS22	II / 2020-2021	19-08-2021	03-11-2021
	BE Civil Engineering	CV22	II / 2020-2021	19-08-2021	03-11-2021
	BE Electronics and Communication Engineering	EC22	II / 2020-2021	19-08-2021	03-11-2021
	BE Electrical and Electronics Engineering.	EE22	II / 2020-2021	19-08-2021	03-11-2021
	BE Electronics and Instrumentation Engineering	E122	II / 2020-2021	19-08-2021	03-11-2021
	BE Marine Engineering.	MR22	II / 2020-2021	19-08-2021	03-11-2021
	BE Mechanical Engineering	ME22	II / 2020-2021	19-08-2021	03-11-2021
	BTechFire Technology and Safety Engineering	FT22	II / 2020-2021	19-08-2021	03-11-2021
	BTechInformati on Technology	IF22	II / 2020-2021	19-08-2021	03-11-2021
	BTechNano Technology	NT22	II / 2020-2021	19-08-2021	03-11-2021
	ME Aeronautical Engineering	AE25	II / 2020-2021	19-08-2021	03-11-2021
	ME Computer IntegratedManuf acturing	CM25	II / 2020-2021	19-08-2021	03-11-2021
	ME Computer Science and	CS25	II / 2020-2021	19-08-2021	03-11-2021

	Engineering				
	ME Communication Systems	EC25	II / 2020-2021	19-08-2021	03-11-2021
	ME Structural Engineering	CV25	II / 2020-2021	19-08-2021	03-11-2021
	ME Thermal Engineering	TE25	II / 2020-2021	19-08-2021	03-11-2021
	MTech Nano Technology	NT25	II / 2020-2021	19-08-2021	03-11-2021
	ME Cyber Security	CY25	II / 2020-2021	19-08-2021	03-11-2021
	ME Automobile Engineering	AM25	II / 2020-2021	19-08-2021	03-11-2021
	MBA -Master of Business Administration	MS25	II / 2020-2021	17-08-2021	03-11-2021
	MBA-AI -Master of Business Administration– AI	AI25	II / 2020-2021	17-08-2021	03-11-2021
	MCA -Master of Computer Applications	CA25	II / 2020-2021	17-08-2021	03-11-2021
	BBA –Bachelor of Business Administration	MS26	II / 2020-2021	19-08-2021	03-11-2021
	BASLP - Bachelor of Audiology Spe ech and Language Pathology	SA26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Forensic Science	FS26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Human Genetics and Molecular Biology	BM26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Renal Dialysis Technology	DT26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Cardiac Care Technology	CT26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Perfusion Technology	PT26	II / 2020-2021	19-08-2021	03-11-2021
	BSc Cyber Forensic	IT26	II / 2020-2021	19-08-2021	03-11-2021
	M.Sc. Physics	PH27	II / 2020-2021	18-08-2021	03-11-2021
	M.Sc. Chemistry	CH27	II / 2020-2021	18-08-2021	03-11-2021
	M.Sc. Mathematics	MA27	II / 2020-2021	18-08-2021	03-11-2021
	M.A. English	EG27	II / 2020-2021	18-08-2021	03-11-2021
	M.Sc. Human Genetics and Molecular Biology	BM27	II / 2020-2021	19-08-2021	03-11-2021
	MSc. Software	SE28	II / 2020-2021	18-06-2021	04-08-2021

	Engineering (5Years)				
	BE Aeronautical Engineering	AE22	III / 2020-2021	25-03-2021	08-07-2021
	BE Aerospace Engineering	AS22	III / 2020-2021	25-03-2021	08-07-2021
	BE Aircraft Maintenance Engineering	AC22	III / 2020-2021	25-03-2021	08-07-2021
	BE Automobile Engineering	AM22	III / 2020-2021	25-03-2021	08-07-2021
	BE Biomedical Engineering	BM22	III / 2020-2021	25-03-2021	08-07-2021
	BE Computer Science and Engineering	CS22	III / 2020-2021	25-03-2021	08-07-2021
	BE Civil Engineering	CV22	III / 2020-2021	25-03-2021	08-07-2021
	BE Electronics and Communication Engineering	EC22	III / 2020-2021	25-03-2021	08-07-2021
	BE Electrical and Electronics Engineering.	EE22	III / 2020-2021	25-03-2021	08-07-2021
	BE Electronics and Instrumentation Engineering	E122	III / 2020-2021	25-03-2021	08-07-2021
	BE Marine Engineering.	MR22	III / 2020-2021	25-03-2021	08-07-2021
	BE Mechanical Engineering	ME22	III / 2020-2021	25-03-2021	08-07-2021
	BTech Fire Technology and Safety Engineering	FT22	III / 2020-2021	25-03-2021	08-07-2021
	BTech Information Technology	IF22	III / 2020-2021	25-03-2021	08-07-2021
	ME Aeronautical Engineering	AE25	III / 2020-2021	06-03-2021	08-07-2021
	ME Computer Integrated Manufacturing	CM25	III / 2020-2021	06-03-2021	08-07-2021
	ME Computer Science and Engineering	CS25	III / 2020-2021	06-03-2021	08-07-2021
	ME Communication Systems	EC25	III / 2020-2021	06-03-2021	08-07-2021
	ME Structural Engineering	CV25	III / 2020-2021	06-03-2021	08-07-2021
	ME Thermal Engineering	TE25	III / 2020-2021	06-03-2021	08-07-2021
	ME Cyber Security	CY25	III / 2020-2021	06-03-2021	08-07-2021
	ME Automobile Engineering	AM25	III / 2020-2021	06-03-2021	08-07-2021

	BBA-Master of Business Administration	MS25	III / 2020-2021	06-03-2021	08-07-2021
	MCA-Master of Computer Applications	CA25	III / 2020-2021	06-03-2021	08-07-2021
	BBA-Bachelor of Business Administration	MS26	III / 2020-2021	25-03-2021	08-07-2021
	BASLP - Bachelor of Audiology Speech and Language Pathology	SA26	III / 2020-2021	25-03-2021	08-07-2021
	BSc Forensic Science	FS26	III / 2020-2021	25-03-2021	08-07-2021
	BSc Human Genetics and Molecular Biology	BM26	III / 2020-2021	25-03-2021	08-07-2021
	Bsc Cyber forensic	IT26	III / 2020-2021	25-03-2021	08-07-2021
	BSc Renal Dialysis Technology	DT26	III / 2020-2021	25-03-2021	08-07-2021
	BSc Cardiac Care Technology	CT26	III / 2020-2021	25-03-2021	08-07-2021
	BSc Perfusion Technology	PT26	III / 2020-2021	25-03-2021	08-07-2021
	M.Sc. Physics	PH27	III / 2020-2021	06-03-2021	08-07-2021
	M.Sc. Chemistry	CH27	III / 2020-2021	06-03-2021	08-07-2021
	M.Sc. Mathematics	MA27	III / 2020-2021	06-03-2021	08-07-2021
	M.A. English	EG27	III / 2020-2021	06-03-2021	08-07-2021
	M.Sc. Human Genetics and Molecular Biology	BM27	III / 2020-2021	06-03-2021	08-07-2021
	BE Aeronautical Engineering	AE22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Aerospace Engineering	AS22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Aircraft Maintenance Engineering	AC22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Automobile Engineering	AM22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Biomedical Engineering	BM22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Computer Science and Engineering	CS22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Civil Engineering	CV22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Electronics and Communication	EC22	IV / 2020-2021	17-08-2021	03-11-2021

	Engineering				
	BE Electrical and Electronics Engineering.	EE22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Electronics and Instrumentation Engineering	E122	IV / 2020-2021	17-08-2021	03-11-2021
	BE Marine Engineering.	MR22	IV / 2020-2021	17-08-2021	03-11-2021
	BE Mechanical Engineering	ME22	IV / 2020-2021	17-08-2021	03-11-2021
	BTech Fire Technology and Safety Engineering	FT22	IV / 2020-2021	17-08-2021	03-11-2021
	BTech Information Technology	IF22	IV / 2020-2021	17-08-2021	03-11-2021
	BTech Nano Technology	NT22	IV / 2020-2021	17-08-2021	03-11-2021
	ME Aeronautical Engineering	AE25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Computer Integrated Manufacturing	CM25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Computer Science and Engineering	CS25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Communication Systems	EC25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Structural Engineering	CV25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Thermal Engineering	TE25	IV / 2020-2021	18-06-2021	04-08-2021
	MTech Nano Technology	NT25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Cyber Security	CY25	IV / 2020-2021	18-06-2021	04-08-2021
	ME Automobile Engineering	AM25	IV / 2020-2021	18-06-2021	04-08-2021
	MBA -Master of Business Administration	MS25	IV / 2020-2021	15-06-2021	04-08-2021
	MBA-AI -Master of Business Administration– AI	AI25	IV / 2020-2021	15-06-2021	04-08-2021
	MCA -Master of Computer Applications	CA25	IV / 2020-2021	03-08-2021	04-08-2021
	BBA –Bachelor of Business Administration	MS26	IV / 2020-2021	02-08-2021	03-11-2021
	BASLP - Bachelor of Audiology Speech and	SA26	IV / 2020-2021	02-08-2021	03-11-2021

	Language Pathology				
	BSc Forensic Science	FS26	IV / 2020-2021	02-08-2021	03-11-2021
	BSc Human Genetics and Molecular Biology	BM26	IV / 2020-2021	02-08-2021	03-11-2021
	BSc Renal Dialysis Technology	DT26	IV / 2020-2021	02-08-2021	03-11-2021
	BSc Cardiac Care Technology	CT26	IV / 2020-2021	02-08-2021	03-11-2021
	BSc Perfusion Technology	PT26	IV / 2020-2021	02-08-2021	03-11-2021
	BSc. Cyber Forensic	IT26	IV / 2020-2021	02-08-2021	03-11-2021
	M.Sc. Physics	PH27	IV / 2020-2021	15-06-2021	03-11-2021
	M.Sc. Chemistry	CH27	IV / 2020-2021	15-06-2021	03-11-2021
	M.Sc. Mathematics	MA27	IV / 2020-2021	15-06-2021	03-11-2021
	M.A. English	EG27	IV / 2020-2021	15-06-2021	04-08-2021
	M.Sc. Human Genetics and Molecular Biology	BM27	IV / 2020-2021	18-06-2021	04-08-2021
	BE Aeronautical Engineering	AE22	V / 2020-2021	18-03-2021	08-07-2021
	BE Aerospace Engineering	AS22	V / 2020-2021	18-03-2021	08-07-2021
	BE Aircraft Maintenance Engineering	AC22	V / 2020-2021	18-03-2021	08-07-2021
	BE Automobile Engineering	AM22	V / 2020-2021	18-03-2021	08-07-2021
	BE Biomedical Engineering	BM22	V / 2020-2021	18-03-2021	08-07-2021
	BE Computer Science and Engineering	CS22	V / 2020-2021	18-03-2021	08-07-2021
	BE Civil Engineering	CV22	V / 2020-2021	18-03-2021	08-07-2021
	BE Electronics and Communication Engineering	EC22	V / 2020-2021	18-03-2021	08-07-2021
	BE Electrical and Electronics Engineering.	EE22	V / 2020-2021	18-03-2021	08-07-2021
	BE Electronics and Instrumentation Engineering	E122	V / 2020-2021	18-03-2021	08-07-2021
	BE Marine Engineering.	MR22	V / 2020-2021	18-03-2021	08-07-2021
	BE Mechanical Engineering	ME22	V / 2020-2021	18-03-2021	08-07-2021
	BTech Fire	FT22	V / 2020-2021	18-03-2021	08-07-2021

	Technology and Safety Engineering				
	BTech Information Technology	IF22	V / 2020-2021	18-03-2021	08-07-2021
	Master of Computer Applications	CA25	V / 2020-2021	18-03-2021	08-07-2021
	BBA –Bachelor of Business Administration	MS26	V / 2020-2021	18-03-2021	08-07-2021
	BSc Forensic Science	FS26	V / 2020-2021	06-03-2021	08-07-2021
	BSc Human Genetics and Molecular Biology	BM26	V / 2020-2021	18-03-2021	08-07-2021
	Bsc Cyber forensic	IT26	V / 2020-2021	18-03-2021	08-07-2021
	BSc Renal Dialysis Technology	DT26	V / 2020-2021	06-03-2021	08-07-2021
	BSc Cardiac Care Technology	CT26	V / 2020-2021	06-03-2021	08-07-2021
	BSc Perfusion Technology	PT26	V / 2020-2021	06-03-2021	08-07-2021
	BE Aeronautical Engineering	AE22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Aerospace Engineering	AS22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Aircraft Maintenance Engineering	AC22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Automobile Engineering	AM22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Biomedical Engineering	BM22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Computer Science and Engineering	CS22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Civil Engineering	CV22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Electronics and Communication Engineering	EC22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Electrical and Electronics Engineering.	EE22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Electronics and Instrumentation Engineering	E122	VI / 2020-2021	17-08-2021	03-11-2021
	BE Marine Engineering.	MR22	VI / 2020-2021	17-08-2021	03-11-2021
	BE Mechanical Engineering	ME22	VI / 2020-2021	17-08-2021	03-11-2021
	BTech Fire	FT22	VI / 2020-2021	17-08-2021	03-11-2021

	Technology and Safety Engineering				
	BTech Information Technology	IF22	VI / 2020-2021	17-08-2021	03-11-2021
	BTech Nano Technology	NT22	VI / 2020-2021	17-08-2021	03-11-2021
	Master of Computer Applications	CA25	VI / 2020-2021	18-06-2021	04-08-2021
	BBA –Bachelor of Business Administration	MS26	VI / 2020-2021	02-08-2021	03-11-2021
	BSc Forensic Science	FS26	VI / 2020-2021	29-06-2021	03-11-2021
	BSc Human Genetics and Molecular Biology	BM26	VI / 2020-2021	29-06-2021	03-11-2021
	BSc Renal Dialysis Technology	DT26	VI / 2020-2021	29-06-2021	03-11-2021
	BSc Cardiac Care Technology	CT26	VI / 2020-2021	29-06-2021	03-11-2021
	BSc Perfusion Technology	PT26	VI / 2020-2021	29-06-2021	03-11-2021
	BSc Cyber Forensic	IT26	VI / 2020-2021	29-06-2021	03-11-2021
	BE Aeronautical Engineering	AE22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Aerospace Engineering	AS22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Aircraft Maintenance Engineering	AC22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Automobile Engineering	AM22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Biomedical Engineering	BM22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Computer Science and Engineering	CS22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Civil Engineering	CV22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Electronics and Communication Engineering	EC22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Electrical and Electronics Engineering.	EE22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Electronics and Instrumentation Engineering	E122	VII / 2020-2021	08-03-2021	01-06-2021
	BE Marine Engineering.	MR22	VII / 2020-2021	09-12-2021	20-12-2021

	BE Mechanical Engineering	ME22	VII / 2020-2021	08-03-2021	01-06-2021
	BTechFire Technology and Safety Engineering	FT22	VII / 2020-2021	08-03-2021	01-06-2021
	BTechInformation Technology	IF22	VII / 2020-2021	08-03-2021	01-06-2021
	BE Aeronautical Engineering	AE22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Aerospace Engineering	AS22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Aircraft Maintenance Engineering	AC22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Automobile Engineering	AM22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Biomedical Engineering	BM22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Computer Science and Engineering	CS22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Civil Engineering	CV22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Electronics and Communication Engineering	EC22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Electrical and Electronics Engineering.	EE22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Electronics and Instrumentation Engineering	E122	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Marine Engineering.	MR22	VIII / 2020-2021	12-06-2021	04-08-2021
	BE Mechanical Engineering	ME22	VIII / 2020-2021	12-06-2021	04-08-2021
	BTechFire Technology and Safety Engineering	FT22	VIII / 2020-2021	12-06-2021	04-08-2021
	BTechInformation Technology	IF22	VIII / 2020-2021	12-06-2021	04-08-2021
	BTechNano Technology	NT22	VIII / 2020-2021	12-06-2021	04-08-2021
	Master of Computer Applications	CA25	VIII / 2020-2021	12-06-2021	04-08-2021
	BBA–Bachelor of Business Administration	MS26	VIII / 2020-2021	12-06-2021	04-08-2021
	BSc Forensic Science	FS26	VIII / 2020-2021	12-06-2021	04-08-2021
	BSc Human Genetics and	BM26	VIII / 2020-2021	12-06-2021	04-08-2021

	Molecular Biology								
	BSc Renal Dialysis Technology	DT26	VIII / 2020-2021	12-06-2021	04-08-2021				
	BSc Cardiac Care Technology	CT26	VIII / 2020-2021	12-06-2021	04-08-2021				
	BSc Perfusion Technology	PT26	VIII / 2020-2021	12-06-2021	04-08-2021				
	BSc Cyber Forensic	IT26	VIII / 2020-2021	12-06-2021	04-08-2021				
	MSc. Software Engineering (5Years)	SE28	VIII / 2020-2021	03-08-2021	03-11-2021				
	MSc. Software Engineering (5Years)	SE28	IX / 2020-2021	08-03-2021	01-06-2021				
	MSc. Software Engineering (5Years)	SE28	X / 2020-2021	18-06-2021	04-08-2021				
2.5.2 Q _n M	Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>260</td></tr></table>					Year	2020-2021	Number	260
Year	2020-2021								
Number	260								
2.5.3 Q _i M	IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution • IT integration and reforms in the examination procedure and process integration and continuous internal assessment in the examination management system. • Designing curriculum, teaching methodologies, and assessment are based on Bloom's taxonomy. Outcome-based evaluation process is adopted from the academic year 2019-2020 for the Theory, Practicals, and Projects. • A Moderation Committee consisting of the HOD, senior staff, and staff not below the rank of Associate Professor from outside the University is constituted for the end semester University Examinations. • For P.G. programme 40% of the evaluation is based on internal and continuous assessment and the remaining 60% is through the end semester examinations. For internal evaluation, assessments are made through Assignments, Seminars, Presentations, Mini and Major Projects. • A fully integrated and automated software is used for examination purposes starting from registration of students, payment of examination fees, timetable generation, preparation of examiners' panel and sending appointment letters, seat/hall								

	allotment, entering valued marks during the valuation and verified by the examiners, publication of results,checking the results by online by the students. • A well-equipped fully automated Question Bank software is used by the COE wing and all the Internal and External examination questions are generated from this.										
2.5.4 Q _n M	<i>Status of automation of Examination division along with approved Examination Manual</i> A. 100% automation of entire division & implementation of ExaminationManagement System (EMS) B. Only student registration, Hall ticket issue & Result Processing C. Only student registration and result processing D. Only result processing E. Only manual methodology A. 100% automation of entire division & implementation of Examination Management System (EMS) <table><tr><td>100% automation of entire division & implementation of Examination Management System (EMS) (Yes/No)</td><td>Student registration, Hall ticket issue & Result Processing are automated (Yes/No)</td><td>Student registration and result processing are automated (Yes/No)</td><td>Result processing is only automated (Yes/No)</td><td>Follow manual methods (Yes/No)</td></tr><tr><td>Yes</td><td></td><td></td><td></td><td></td></tr></table>	100% automation of entire division & implementation of Examination Management System (EMS) (Yes/No)	Student registration, Hall ticket issue & Result Processing are automated (Yes/No)	Student registration and result processing are automated (Yes/No)	Result processing is only automated (Yes/No)	Follow manual methods (Yes/No)	Yes				
100% automation of entire division & implementation of Examination Management System (EMS) (Yes/No)	Student registration, Hall ticket issue & Result Processing are automated (Yes/No)	Student registration and result processing are automated (Yes/No)	Result processing is only automated (Yes/No)	Follow manual methods (Yes/No)							
Yes											

Key Indicator - 2.6 Student Performance and Learning Outcomes

Metric No.	
2.6.1 Q_iM	<i>The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents</i> The University has adopted the graduate attributes across all its academic programs after an in-depth study of the same listed in the NAAC document in the light of engineering competencies, emerging job requirements, emerging societal challenges, and feedback from the industry. The emphasis on higher-level cognitive skills like apply, formulate, analyse, design, evaluate, create, select, identify, interpret, experiment, etc. as well as considerations for environment, health, and ethics are the hallmarks of these

	attributes. Intellectually Competent Our graduates will • have the core knowledge base in their academic field. • have the ability to generate innovative and relevant knowledge through inquiry, critical reflection and synthesis. Morally Upright Our graduates will manifest a personal conviction that justice and peace are the foundations of societal living. Socially Committed Our graduates will • be socially conscious, sensitive and active persons, who are committed and accountable. • agents of social good. • manifest genuine concern for human values and ecological conditions. • be committed to social justice and the dignity of all sections of society. Civically Responsible Our graduates will • be responsible members of social and professional communities • promote democratic values and peaceful living in a multi faceted society, with courage of conviction.
2.6.2 Q _i M	<i>Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year</i> The top management has a clear vision to ensure that all our courses remain socially and economically relevant over time. The specific initiatives/measures taken up by the institution are noted below. Attainment of Social relevance NICHE strives to uphold its mission in moulding students into disciplined citizens with intellectual, emotional and spiritual balance. Courses having social relevance are offered either as part of the programme curriculum or as enrichment courses/value added programmes. Attainment of Economic relevance Student placements: Training & Camp; Placement cell organizes campus interviews to provide job opportunities to the students. Eligible alumni are given top priority in recruitment in our group of institutions.

	Entrepreneurship: Entrepreneurship awareness camps are organized. Conduct various value-added certificate courses and training programmes which encourage self-employment. Evaluation of attainment by the institution • The IQAC of NICHE has been established to develop a mechanism to build and ensure a culture of quality in the University. • The IQAC members such as Administration, Faculty, Management, Technical Staff, Alumni, students, stakeholders, external experts give their feedback on the various activities of the university.																																																				
2.6.3 Q_nM	Number of students passed during the year 2.6.3.1: Total number of final year students who passed the university examination 2.6.3.2: Total number of final year students who appeared for the examination <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>662</td></tr></table> <table><tr><th colspan="4">2.6.3 Number of students passed during the year</th></tr><tr><th>Program Code</th><th>Program Name</th><th>Number of students appeared in the final year examination</th><th>Number of students passed in final year examination</th></tr><tr><td>AE12</td><td>B.E-Aeronautical Engineering</td><td>14</td><td>14</td></tr><tr><td>AS12</td><td>B.E., Aerospace Engineering</td><td>8</td><td>7</td></tr><tr><td>AC22</td><td>B.E -Aircraft Maintenance Engineering</td><td>7</td><td>6</td></tr><tr><td>AM12</td><td>B.E - Automobile Engineering</td><td>24</td><td>22</td></tr><tr><td>BM12</td><td>BE-Biomedical Engineering</td><td>46</td><td>44</td></tr><tr><td>CS22</td><td>B.E. Computer Science and Engineering</td><td>25</td><td>21</td></tr><tr><td>CV22</td><td>BE Civil Engineering</td><td>51</td><td>50</td></tr><tr><td>EC12</td><td>B.E.Electronics and Communication Engineering(R2013)</td><td>7</td><td>7</td></tr><tr><td>EE12</td><td>B.E., Electrical and Electronics Engineering</td><td>7</td><td>7</td></tr><tr><td>EI22</td><td>B.E. Electronics and Instrumentation Engineering</td><td>10</td><td>9</td></tr></table>	Year	2020-2021	Number	662	2.6.3 Number of students passed during the year				Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	AE12	B.E-Aeronautical Engineering	14	14	AS12	B.E., Aerospace Engineering	8	7	AC22	B.E -Aircraft Maintenance Engineering	7	6	AM12	B.E - Automobile Engineering	24	22	BM12	BE-Biomedical Engineering	46	44	CS22	B.E. Computer Science and Engineering	25	21	CV22	BE Civil Engineering	51	50	EC12	B.E.Electronics and Communication Engineering(R2013)	7	7	EE12	B.E., Electrical and Electronics Engineering	7	7	EI22	B.E. Electronics and Instrumentation Engineering	10	9
Year	2020-2021																																																				
Number	662																																																				
2.6.3 Number of students passed during the year																																																					
Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination																																																		
AE12	B.E-Aeronautical Engineering	14	14																																																		
AS12	B.E., Aerospace Engineering	8	7																																																		
AC22	B.E -Aircraft Maintenance Engineering	7	6																																																		
AM12	B.E - Automobile Engineering	24	22																																																		
BM12	BE-Biomedical Engineering	46	44																																																		
CS22	B.E. Computer Science and Engineering	25	21																																																		
CV22	BE Civil Engineering	51	50																																																		
EC12	B.E.Electronics and Communication Engineering(R2013)	7	7																																																		
EE12	B.E., Electrical and Electronics Engineering	7	7																																																		
EI22	B.E. Electronics and Instrumentation Engineering	10	9																																																		

	MR12	B.E. Marine Engineering	13	13
	ME12	B.E Mechanical Engineering	101	92
	FT22	B.Tech Fire Technology and Safety Engineering	15	15
	IT12	B.Tech. Information Technology	42	40
	NT22	B.Tech. Nanotechnology	4	4
	AM25	M.E. Automobile Engineering	4	4
	EC25	M.E. Communication Systems	3	3
	CM25	M.E Computer Integrated Manufacturing	5	3
	CS25	M.E. Computer Science and Engineering	4	4
	CY25	M.E. CyberSecurity	1	1
	CV25	ME Structural Engg.	6	5
	TE25	M.E Thermal Engineering	3	2
	BM26	B.Sc Human Genetics & Molecular Biology	10	10
	PT26	B.Sc Perfusion Technology	43	34
	CT26	B.Sc Cardiac Care Technology	39	38
	DT26	B.Sc Renal Dialysis Technology	27	23
	FS26	B.Sc Forensic Science	43	43
		Bachelor of Commerce	9	8
	MS26	Bachelor of Business Administration	27	27
	MA27	M.Sc. Mathematics	6	6
	EG27	M.A. English	8	7
	CH27	M.Sc., Chemistry	17	17
	PH27	M.Sc Physics	11	10
	MS25	Master of Business Administration	41	39
	CA25	Master of Computer Applications	11	11
	BM27	M.Sc. Human	1	1

		Genetics and Molecular Biology		
	SE28	M.Sc. Software Engineering	11	9
	CH24	M.Phil. Chemistry	2	2
	EG24	M.Phil. English	2	2
	PH24	M.Phil Management studies	3	2
	SE24		711	662

Key Indicator- 2.7 Student Satisfaction Survey

Metric No.	
2.7.1 Q_nM	<i>Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)</i> http://www.niuniv.com/IQAC/2020-2021/CRITERION2/2.7.1/studentsatisficationsurvey20202021.pdf

Criterion III – Research, Innovations and Extension

Key Indicator - 3.1 Promotion of Research and Facilities

Metric No.					
3.1.1 Q _n M	<i>The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented</i> Noorul Islam Centre for Higher Education (NICHE) is committed to fostering research culture in the University by encouraging research areas that includes Engineering, Technology, Management, Physical & Mathematical Sciences, Life sciences, Social Sciences, Humanities and Allied health sciences. Expansion and Upgradation of Central Instrumentation Facilities/Departmental Central Research Facilities are carried out making them open for all departments. NICHE has updated research facilities for the promotion of Research & Development in the institute with the inclusion of more sophisticated research equipment, softwares and other accessories. NICHE established cloud computing lab in the year 2020-2021, has undergone a significant transformation from production to entertainment, household, rehabilitation, search and rescue, and service applications. Hybrid systems, embedded systems, sensory fusion, distributed artificial intelligence, computer vision, machine learning, deep learning, human-machine interaction, localization, planning, navigation, and other aspects of cloud computing require investigation. By expanding Innovation Projects, NICHE has made many measures to stimulate innovation, entrepreneurship, important publications, and patents, among other things. Workshops and training programmes are organised for students, scholars and faculty from departments to improve research training and skills in areas such as Research Methodology, writing proposals, managing research projects, disseminating research findings, writing publications, academic integrity, ethical practises, and so on. In addition, NICHE awarded seed money to academic members (Assistant Professor category) to encourage them to pursue research in the thrust areas. NICHE helped academic members and students with the fees of seeking patents and other intellectual property rights for their ground-breaking ideas.				
3.1.2 Q _n M	<i>The institution provides seed money to its teachers for research (amount INR in Lakhs)</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>(INR in Lakhs):</td><td>1.0</td></tr> </table>	Year	2020-2021	(INR in Lakhs):	1.0
Year	2020-2021				
(INR in Lakhs):	1.0				
3.1.3 Q _n M	<i>Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number of teachers</td><td>0</td></tr> </table>	Year	2020-2021	Number of teachers	0
Year	2020-2021				
Number of teachers	0				
3.1.4 Q _n M	<i>Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>01</td></tr> </table>	Year	2020-2021	Number	01
Year	2020-2021				
Number	01				

3.1.5 Q_nM	<i>Institution has the following facilities to support research</i> • Central Instrumentation Centre • Animal House/Green House • Museum • Media laboratory/Studios • Business Lab • Research/Statistical Databases • Moot court • Theatre • Art Gallery • Any other facility to support research Options: A. Any 4 or more of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above A. Any 4 or more of the above				
3.1.6 Q_nM	<i>Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year</i> <table border="1" data-bbox="683 1276 1117 1361"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>Nil</td></tr> </table>	Year	2020-2021	Number	Nil
Year	2020-2021				
Number	Nil				

Key Indicator - 3.2 Resource Mobilizations for Research

Metric No.					
3.2.1 Q_nM	<i>Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year(INR in Lakhs)</i> <table border="1" data-bbox="651 1809 1064 1895"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>Nil</td></tr> </table>	Year	2020-2021	Number	Nil
Year	2020-2021				
Number	Nil				

3.2.2 Q _n M	<i>Grants for research projects sponsored by the government agencies during the year(INR in Lakhs)</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>1.13</td></tr> </table>	Year	2020-2021	Number	1.13
Year	2020-2021				
Number	1.13				
3.2.3 Q _n M	<i>Number of research projects funded by government and non-government agencies during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>1</td></tr> </table>	Year	2020-2021	Number	1
Year	2020-2021				
Number	1				

Key Indicator - 3.3 Innovation Ecosystem

Metric No.	
3.3.1 Q _i M	<i>Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge</i> NICHE Eco System for Innovations Incubation Centre: To promote an Entrepreneurial Mindset, NICHE has an entrepreneurship development cell, that encourage forging a relationship between the industry and the institution. NICHE has begun the process of establishing an incubation centre to assist in the provision of space, equipment, computing facilities, networks, start-up-friendly infrastructure, incubation cell with resources, know-how to overcome problems, and assistance in filing patents, among other things, for the benefit of society. UNNAT BHARAT ABHIYAN The NICHE has built an ecosystem for innovation and is leading a drive to create a knowledge transfer system for the community. It has developed an Entrepreneurship Development Cell to encourage students to become entrepreneurs. The NICHE has identified seven villages in which farmers and community members might receive support. In this context, NICHE has taken the lead in educating farmers on how to use drip irrigation for rice, banana, rubber, and other crops, which saves 60 to 90% of water while also maximizing the use of vermicomposting. This initiative has aided in supplying drinking water/supply, increasing irrigation water efficiency, improving sewage management and sanitation practices, waste water reuse, and rainwater gathering.
3.3.2 Q _n M	<i>Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the year</i> 3.3.2.1: Total number of workshops/seminars conducted on Research

	methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>03</td></tr> </table>	Year	2020-2021	Number	03
Year	2020-2021				
Number	03				
3.3.3 Q_nM	<i>Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year</i> 3.3.3.1: Total number of awards / recognitions received for <i>research/innovations</i> won by institution/teachers/research scholars/students year wise during the year <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>04</td></tr> </table>	Year	2020-2021	Number	04
Year	2020-2021				
Number	04				

Key Indicators - 3.4 Research Publications and Awards

Metric No.	
3.4.1 Q_nM	<i>The institution ensures implementation of its stated Code of Ethics for research</i> 3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following: • Inclusion of research ethics in the research methodology course work • Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) • Plagiarism check • Research Advisory Committee Options: A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above A. All of the above
3.4.2 Q_nM	<i>The institution provides incentives to teachers who receive state, national and international recognitions/awards</i> 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website Options:

	A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above D. Any 1 of the above								
3.4.3 Q_nM	<i>Number of Patents published/awarded during the year</i> 3.4.3.1: Total number of Patents published/awarded during the year <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>15</td></tr> </table>	Year	2020-2021	Number	15				
Year	2020-2021								
Number	15								
3.4.4 Q_nM	<i>Number of Ph.Ds awarded during the year</i> 3.4.4.1: How many Ph.Ds are awarded during the year <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>16</td></tr> </table> 3.4.4.2: Number of teachers recognized as guides during the year <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>03</td></tr> </table>	Year	2020-2021	Number	16	Year	2020-2021	Number	03
Year	2020-2021								
Number	16								
Year	2020-2021								
Number	03								
3.4.5 Q_nM	<i>Number of research papers in the Journals notified on UGC website during the year</i> <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>296</td></tr> </table>	Year	2020-2021	Number	296				
Year	2020-2021								
Number	296								
3.4.6 Q_nM	<i>Number of books and chapters in edited volumes published during the year</i> 3.4.6.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>108</td></tr> </table>	Year	2020-2021	Number	108				
Year	2020-2021								
Number	108								
3.4.7 Q_nM	<i>E-content is developed by teachers:</i> 1. For e-PG-Pathshala 2. For CEC (Under Graduate) 3. For SWAYAM 4. For other MOOCs platform 5. Any other Government Initiatives 6. For Institutional LMS <i>Options:</i> A. Any 5 or all of the above B. Any 4 of the above C. Any 3 of the above D. Any 2 of the above E. None of the above								

	E. None of the above					
3.4.8 Q _n M	<i>Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed</i>					
	Sl. No	Name of the author/s	Name of journal	Year of publication	Citations	Citation Index
	1.	Anusha Linda Kostka J.E., Vinila Jinny S.	Advances in Intelligent Systems and Computing	2021	1	Scopus
	2.	Vinolin V., Sucharitha M.	Advances in Intelligent Systems and Computing	2021	2	Scopus
	3.	Sreeja K.A., Kumar S.S., Pradeep A.	Smart Innovation, Systems and Technologies	2021	1	Scopus
	4.	Leena Silvoster M., Kumar R.M.S.	Studies in Systems, Decision and Control	2021	1	Scopus
	5.	Aswani K., Menaka D.	BMC Medical Imaging	2021	1	Scopus
	6.	Vinolin V., Sucharitha M.	International Journal of Intelligent Systems	2021	3	Scopus
	7.	Keerthana P., Vijayakumar S., Vidhya E., V.N P., Nilavukkarasi M., PK P.	Industrial Crops and Products	2021	5	Scopus
	8.	Edinsha Gladis E.H., Nagashri K., Joseph J.	Inorganic Chemistry Communications	2020	2	Scopus
	9.	Chidhambaram N., Valanarasu S., Ganesh V., Gobalakrishnan S.	Journal of Physics D: Applied Physics	2020	4	Scopus
	10.	George J., Jeyakumar M.K.	SSRG International Journal of Engineering Trends and Technology	2020	1	Scopus
11.	Thomas R., Judith J.E.	International Journal of Emerging Trends	2020			

			in Engineering Research			
	12.	Thebiga M., SujiPramila R.	Wireless Personal Communications	2020	4	Scopus
	13.	Vysakh R., Musthafa M.M., Midhun C.V., Niyas P., Anjana P.T., Arun Krishnan M.P., Ranjith C.P., Irfad M.P., Ganapathi Raman R.		2020	1	Scopus
	14.	Vidhya E., Vijayakumar S., Prathipkumar S., Praseetha P.K.	Gene Reports	2020	12	Scopus
	15.	Vasanthi D.S., Ravichandran K., Kavitha P., Sriram S., Praseetha P.K.	Superlattices and Microstructures	2020	3	Scopus
	16.	Baby J., Jeba J.R.	International Journal of Emerging Trends in Engineering Research	2020		
	17.	Sukumaran A., Brindha T.	International Journal of Intelligent Computing and Cybernetics	2020	3	Scopus
	18.	Arshey M., Angel Viji K.S.	Data Technologies and Applications	2020	1	web of science
	19.	Kostka A.L., Jinny S.V.	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020	2020		
	20.	Thomas R., Judith J.E.	International Journal of Advanced Trends in	2020		

			Computer Science and Engineering			
	21.	Josemila Baby J., Jeba J.R.	Indian Journal of Computer Science and Engineering	2020	0	Scopus
	22.	George J., Jeyakumar M.K.	International Journal of Advanced Trends in Computer Science and Engineering	2020		
	23.	Mehta R.C.	Advances in Aircraft and Spacecraft Science	2020	3	Scopus
	24.	Thangam T., Muthuvel K.	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications, ICIRCA 2020	2020	2	Scopus
	25.	Rakesh S., Vijula K.S.G.	International Journal of Computing and Digital Systems	2020	2	Scopus
	26.	Wilson P.K., Jeba J.R.	International Journal of Advanced Trends in Computer Science and Engineering	2020		
	27.	Durai T.J., Sivapragash M., Vettivel S.C., Aurtherson P.B.	Metal Science and Heat Treatment	2020	1	Scopus
	28.	Dalmiya C.P., Santhi N., Sathyabama B.	European Journal of Remote Sensing	2020	1	Scopus
	29.	Devi B., Jain Preetha M.M.S.	Proceedings of the 4th International Conference on Trends in	2020	1	Scopus

			Electronics and Informatics, ICOEI 2020			
	30.	Baby J.J., Jeba J.R.	Advances in Science, Technology and Engineering Systems	2020	0	Scopus
	31.	Sreekumar K., Bindhu B.	Indian Journal of Biochemistry and Biophysics	2020	5	web of science
	32.	Thangam T., Muthuvel K.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	1	Scopus
	33.	Nair R.M., Bindhu B., V L R.	Journal of Polymer Research	2020	6	web of science
	34.	Manogar P., Vijayakumar S., Praseetha P.K.	Gene Reports	2020	2	Scopus
	35.	Pradeep A., Joseph X.F.	International Journal of Electrical and Computer Engineering	2020	5	Scopus
	36.	Ravikumar S., Vennila H., Deepak R.	Journal of Power Sources	2020	3	web of science
	37.	George J., Jeyakumar M.K.	Indian Journal of Computer Science and Engineering	2020	0	Scopus
	38.	Mathews A.B., Glan Devadhas G.	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020	0	Scopus
	39.	Anantha Lekshmi M.L., Stalin Jose Y.	Journal of Green Engineering	2020		
40.	Saji S.S., Ramasamy N., Chandramana	International Journal of Advanced	2020	0	Scopus	

		S.B.	Science and Technology			
	41.	Baby Y.R., Ramayyan Sumathy V.K.	IET Image Processing	2020	2	web of science
	42.	Push P.B., Bavanish B.	International Journal of Mechanical and Production Engineering Research and Development	2020	0	Scopus
	43.	Arunlal S.L., Santhi N., Ramar K.	International Journal of Image and Graphics	2020	0	Scopus
	44.	Nair A.T., Muthuvel K.	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	2020	6	Scopus
	45.	Jambulingam S., Mary Synthia Regis Prabha D.M.	Journal of Green Engineering	2020	1	Scopus
	46.	Mathews A.B., Jeyakumar M.K.	Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020	2020	2	Scopus
	47.	Ashok R., Rajesh R.	International Journal of Scientific and Technology Research	2020	0	Scopus
	48.	Kabila V., Glan Devadhas G.	International Journal of Scientific and Technology Research	2020	0	Scopus
	49.	Vibala B.V., Praseetha P.K., Vijayakumar S.	Gene Reports	2020	5	Scopus
	50.	Careena P., Mary Synthuja Jain	Biomedical and Pharmacology	2020	0	Scopus

		Preetha M., Arun P.	Journal			
	51.	Mathews A.B., Jeyakumar M.K.	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	2020	1	Scopus
	52.	Mathews A.B., Glan Devadhas G.	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	2020	1	Scopus
	53.	Jabamony J., Shanmugavel G.R.	International Journal of Intelligent Engineering and Systems	2020	12	Scopus
	54.	Daphni S., Vijula Grace K.S.	International Journal of Scientific and Technology Research	2020	2	Scopus
	55.	Jebin Bose S., Dhas J.P.M., Cynthia S.	International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE 2020	2020	1	Scopus
	56.	Rex S.R., Praba D.M.M.S.R.	Microprocessors and Microsystems	2020	4	Web of Science
	57.	Rose T.P., Devadhas G.G.	Microprocessors and Microsystems	2020	1	Web of Science
	58.	S B.R.V., Devadhas G.G.	Microprocessors and Microsystems	2020	4	Web of science
	59.	Pooja S.B., Siva Balan R.V., Anisha M., Muthukumaran M.S., Jothikumar R.	Computer Communications	2020	4	web of science

	60.	Gopika M.S., Bindhu B., Sandhya K.Y., Reena V.L.	Polymer Bulletin	2020	3	web of science
	61.	Remya J., Sudha M.	Advances in Mathematics: Scientific Journal	2020	1	Scopus
	62.	Maria Regila Baby J., Uma Samundesvari K.	Advances in Mathematics: Scientific Journal	2020	1	Scopus
	63.	Mehta R.C.	Aiaa aviation 2020 forum	2020	0	Scopus
	64.	Das N.S., Palanikumar S.	Oxidation Communications	2020	0	Scopus
	65.	Gini A.T.P., Queen M.P.F.	International Journal of Biomedical Engineering and Technology	2020	0	Scopus
	66.	Chandran S., Rajesh R., Devanand M.	Control and Cybernetics	2020	1	Scopus
	67.	Thilaga C., Sarasija P.B.	Advances in Mathematics: Scientific Journal	2020	0	Scopus
	68.	Jesuretnam J.B., Rose J.J.	International Journal of Pervasive Computing and Communications	2020		
	69.	Sree Devi I.S., Mary Synthia Regis Prabha D.M.	Journal of Advanced Research in Dynamical and Control Systems	2020	0	Scopus
	70.	Dinu A.J., Ganesan R., Manju R.	International Journal of Current Research and Review	2020	3	Scopus
	71.	Jeyanthi D.A., Selvarajan T.M.	Advances in Mathematics: Scientific Journal	2020	1	Scopus

	72.	Thilaga C., Sarasija P.B.	Advances in Mathematics: Scientific Journal	2020	0	Scopus
	73.	Shibu K.R., Suji Pramila R.	Wireless Personal Communications	2020	2	web of science
	74.	Anoop S., Singh J.A.P.	Journal of Ambient Intelligence and Humanized Computing	2020		
	75.	Raj S.S.R., Dhas J.E.R., Jesuthanam C.P.	Journal of Reinforced Plastics and Composites	2020	1	web of science
	76.	Unnikrishnan M.A., Edwin Raja Dhas J.	Journal of Advanced Research in Dynamical and Control Systems	2020	0	Scopus
	77.	Zenith.N. M., Radhika R.	Scalable Computing	2020	0	Scopus
	78.	Jose C., Vijula Grace K.S.	Evolutionary Intelligence	2020	0	Scopus
	79.	Maria Regila Baby J., Uma Samundesvari K.	Advances in Mathematics: Scientific Journal	2020	0	Scopus
	80.	Anoop S., Amar Pratap Singh J.	International Journal of Advanced Trends in Computer Science and Engineering	2020		
	81.	Edwin Raja Dhas J., Dhas J.H.	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	2020	1	web of science
	82.	Dinu A.J., Manju R., Ganesan R.	Journal of Critical Reviews	2020	2	Scopus
	83.	Sujithra M.S., Sugitha N.	International Journal on Emerging Technologies	2020	0	Scopus
	84.	Jose C., Vijula	Lecture Notes in	2020	2	Scopus

		Grace K.S.	Electrical Engineering			
	85.	Thomas R., Judith J.E.	Lecture Notes in Electrical Engineering	2020	6	Scopus
	86.	Sammy F., Vigila S.M.C.	Lecture Notes in Electrical Engineering	2020	1	Scopus
	87.	Sumi M.S., Ganesh R.S.	Lecture Notes in Electrical Engineering	2020	0	Scopus
	88.	Manju C.C., Victor Jose M.	Lecture Notes in Electrical Engineering	2020	1	Scopus
	89.	Mohamed Zakir H., Vinila Jinny S.	Lecture Notes in Electrical Engineering	2020	0	Scopus
	90.	Dhanya R., KalaiSelvi R.	Lecture Notes in Electrical Engineering	2020	1	Scopus
	91.	Velayudhan N.C., Anitha A.	Lecture Notes in Electrical Engineering	2020	0	Scopus
	92.	Shafeen Nagoor M., Vinila Jinny S.	Lecture Notes in Electrical Engineering	2020	0	Scopus
	93.	Selvalakshmi M., Jeyakumar M.K.	SSRG International Journal of Engineering Trends and Technology	2020	1	Scopus
	94.	George J., Jeyakumar M.K.	International Journal on Emerging Technologies	2020	0	Scopus
	95.	Anil Kumar K.R., Das E.R.	Lecture Notes in Mechanical Engineering	2020	0	Scopus
	96.	Shibu K.R., Suji Pramila R.	International Journal of Emerging Trends in Engineering Research	2020		
	97.	Dhas J.L.J., Maria Celestin Vigila S.	Indian Journal of Computer Science and Engineering	2020	0	Scopus
98.	Shamna A.R.,	Journal of	2020	0	Scopus	

		Amala Shanthi S.	Advanced Research in Dynamical and Control Systems			
	99.	Vivekha S., Rakesh Babu M.	Journal of Critical Reviews	2020	0	Scopus
	100.	Shamna A.R., Shanthi S.A.	Journal of Critical Reviews	2020	0	Scopus
	101.	Titus Livingston E., Rakesh Babu M.	Journal of Critical Reviews	2020	0	Scopus
	102.	Abigail V., Rakesh Babu M.	Journal of Critical Reviews	2020	0	Scopus
	103.	Aaron Raphael Raja F., Diwan V., Samuel K.	Lecture Notes in Mechanical Engineering	2020	0	Scopus
	104.	Ahalya T., Bindhu V.S.	Journal of Critical Reviews	2020	0	Scopus
	105.	Suganth R.S., Jinu R.	Journal of Critical Reviews	2020	0	Scopus
	106.	Aslam Y., Santhi N.	Lecture Notes on Data Engineering and Communications Technologies	2020	1	Scopus
	107.	Ahila Jeyanthi D., Selvarajan T.M.	Journal of Advanced Research in Dynamical and Control Systems	2020	1	Scopus
	108.	Selvarajan T.M., Ahila Jeyanthi D.	Journal of Advanced Research in Dynamical and Control Systems	2020	1	Scopus
	109.	Shahi D., Vinod Kumar R.S., Reshma V.K.	Journal of Advanced Research in Dynamical and Control Systems	2020	0	Scopus
	110.	Das N.S., Palanikumar S.	Journal of Critical Reviews	2020	0	Scopus
	111.	Shamsudin S., Velmurugan V.P.	International Journal of Psychosocial Rehabilitation	2020	0	Scopus
	112.	Shanila N., Vinod Kumar R.S.	Journal of Critical Reviews	2020	0	Scopus
	113.	Ravindran Z.,	Journal of	2020	0	Scopus

		Kumar S.P.	Critical Reviews			
	114.	Kumar A., Velmurugan V.P.	Journal of Critical Reviews	2020	0	Scopus
	115.	Dhanya B.K., Velmurugan V.P.	Journal of Critical Reviews	2020	1	Scopus
	116.	Ameer A.M., Jose M.V.	Journal of Critical Reviews	2020	0	Scopus
	117.	Ameer A.M., Jose M.V.	Journal of Critical Reviews	2020	0	Scopus
	118.	Thebiga M., Suji Pramila R.	International Journal of Interactive Mobile Technologies	2020	2	Scopus
	119.	Nair A.T., Muthuvel K.	International Journal of Image and Graphics	2020		
	120.	Aslam Y., Santhi N., Ramasamy N., Ramar K.	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020	2020	0	Scopus
	121.	Benifa J.V.B., Mini G.V.	EAI/Springer Innovations in Communication and Computing	2020	0	Scopus
	122.	P. R V., A A., Gopalakrishnan U.	Advances in Intelligent Systems and Computing	2020	0	Scopus
	123.	Shyjith M.B., Maheswaran C.P., Reshma V.K.	Wireless Personal Communications	2020	14	web of science
	124.	Reshma V.K., Od Kumar. R.S., Shahi D., Shyjith M.B.	Scalable Computing	2020	0	Scopus
	125.	Varghese S., Vigila S.M.C.	International Journal of Computer Information Systems and Industrial Management Applications	2020	0	Scopus
	126.	Sreeja T.K.,	Lecture Notes in	2020	0	Scopus

		Jayakumari J., Chandrakala K., Nair R.M., Vasu A.S.	Electrical Engineering			
	127.	Femina Jalin A., Jayakumari J.	Lecture Notes in Electrical Engineering	2020	1	Scopus
	128.	Babu V.J., Jose M.V.	Wireless Personal Communications	2020	1	web of science
	129.	Darwins A.K., Satheesh M., Ramanan G.	Lecture Notes in Mechanical Engineering	2020		
	130.	Aswani K., Menaka D., Manoj M.K.	Lecture Notes in Networks and Systems	2020	0	Scopus
	131.	Romalt A.A., Kumar R.M.S.	Journal of Critical Reviews	2020	1	Scopus
	132.	Chandra Kala K., Jaya Kumari J.	Journal of Applied Science and Engineering	2020	0	Scopus
	133.	Aiswarya K.S., Santhi N., Ramar K.	Journal of Critical Reviews	2020	2	Scopus
	134.	Reshma V.K., Vinod Kumar R.S., Shahi D., Shyjith M.B.	Evolutionary Intelligence	2020	3	Scopus
	135.	Binisha Rose J., Santhi N., Ramar K.	Journal of Advanced Research in Dynamical and Control Systems	2020	2	Scopus
	136.	Aiswarya K.S., Santhi N., Ramar K.	Journal of Advanced Research in Dynamical and Control Systems	2020	1	Scopus
	137.	Shanila N., Vinod Kumar R.S., Abin N.A.	Journal of Advanced Research in Dynamical and Control Systems	2020	0	Scopus
	138.	Sarin B., Bindhu B., Saju B., Nair R.	Journal of Medical Physics	2020	1	Scopus
	139.	Jeslin T., Linsely J.A.	Journal of Critical Reviews	2020	0	Scopus
	140.	Aslam Y., Santhi	Journal of	2020	13	web of

		N., Ramasamy N., Ramar K.	Ambient Intelligence and Humanized Computing			science
	141.	Ashok R., Rajesh R.	International Journal of Supply Chain Management	2020	0	Scopus
	142.	Sarath D., Sucharitha M.	Journal of Advanced Research in Dynamical and Control Systems	2020	0	Scopus
	143.	Aiswarya K.S., Santhi N., Ramar K.	Journal of Engineering Science and Technology	2020	0	Scopus
	144.	Pradeep P., Beena M.O.L.	Journal of Engineering Science and Technology	2020	0	Scopus
	145.	Unnikrishnan M.A., Edwin Raja Dhas J., Shanavas S.	International Journal of Vehicle Structures and Systems	2020	0	Scopus
	146.	Careena P., Mary Synthuja Jain Preetha M., Arun P.	Lecture Notes in Electrical Engineering	2020	0	Scopus
	147.	Anisha M., Kumar S.S., Benisha M.	International Journal of Biomedical Engineering and Technology	2020	0	Scopus
	148.	Joel Dickson A., Arul Linsely J., Justin Diraviam A.	International Journal of Advanced Trends in Computer Science and Engineering	2020		
	149.	Chenthil Jegan T.M., Chitra R., Thangarasu V.S.	International Journal of Business Intelligence and Data Mining	2020	0	Scopus
	150.	Ajinsundar S., Rimal Issac R.S., Gopalakrishnan	Materials Science- Poland	2020	0	Scopus

		S., Joseph John N.				
151.	Varghese J.T., Thomas S., Herbert J.	Lecture Notes in Civil Engineering	2020			
152.	Raja A., Rajasekaran P., Selvakumar K., Ganapathi Raman R., Swaminathan M.	Materials Today: Proceedings	2020	3	Scopus	
153.	Najeeb M.A., Ahmad Z., Balamurugan S., Sulaiman K., Shakoor R.A.	Current Nanoscience	2020	1	Scopus	
154.	Vincent V.A., Kailasanathan C., Shanmuganathan V.K., Kumar J.V.S.P., Arun Prakash V.R.	Biomass Conversion and Biorefinery	2020	17	web of science	
155.	Vijayan N., Princess R., Raja S.J., Joseph J.	Journal of Molecular Structure	2020	1	web of science	
156.	Sana S.S., Dogiparthi L.K., Gangadhar L., Chakravorty A., Abhishek N.	Environmental Science and Pollution Research	2020	12	web of science	
157.	Ramprasath T., Freddy A.J., Velmurugan G., Tomar D., Rekha B., Suvekbala V., Ramasamy S.	Current Diabetes Reviews	2020	7	Scopus	
158.	Nels, S. Ninisha; Singh, J. Amar Pratap	International journal of numerical modelling- electronic networks devices and fields	2020	0	Web of Science	
159.	Gladis, E. H. Edinsha; Nagashri, K.; Joseph, J.	Inorganic chemistry communications	2020	0	Web of Science	
160.	Rajivgandhi, Govindan Nadar; Ramachandran, Govindan;	Journal of king saud university science	2020	0	Web of Science	

		Kanisha, C. Chenthis; et al.				
	161.	Vinolin, V.; Sucharitha, M.	Visual computer	2020	0	Web of Science
	162.	Nair, Renjini M.; Bindhu, B.; Manikandanath, N. T.	polymer bulletin	2020	0	Web of Science
	163.	By: Gladis, E. H. Edinsha; Nagashri, K.; Suman, A.; et al.	Journal of coordination chemistry	2020	0	Web of Science
	164.	By: Chidhambaram, N.; Valanarasu, S.; Ganesh, V; et al.	Journal of physics d- applied physics	2020	2	Web of Science
	165.	By: Silvoster, Leena M.; Kumar, Retnaswami Mathusoothana S.	Iet image processing	2020	0	Web of Science
	166.	By: Rani, K. Vijila; Dayana, C. Thinkal; Therese, P. Sujatha; et al.	International journal of imaging systems and technology	2020	0	Web of Science
	167.	By: Vanitha, V.; Vijayakumar, S.; Nilavukkarasi, M.; et al.	Industrial crops and products	2020	0	Web of Science
	168.	Varghese, Tinu; et al.	Brain imaging and behavior	2020	6	Web of Science
	169.	By: Punitha, V. N.; Vijayakumar, S.; Sakthivel, B.; et al.	Journal of environmental chemical engineering	2020	1	Web of Science
	170.	By: Sudha, S.; Jayaprakash, P.; Kumari, C. Rathika Thaya; et al.	Chinese journal of physics	2020	4	Web of Science
	171.	By: Sebastian, S.; Vinoth, S.; Prasad, K. Hari; et al.	Applied physics a-materials science & processing	2020	0	Web of Science

	172.	By: Melekoodappattu, Jayesh George; Subbian, Perumal Sankar; Queen, M. P. Flower	International journal of imaging systems and technology	2020	1	Web of Science
	173.	By: Sana, Siva Sankar; Dogiparthi, Lakshman Kumar; Gangadhar, Lekshmi; et al.	Environmental science and pollution research	2020	1	Web of Science
	174.	By: Lekshmi, Gangadhar; Sana, Siva Sankar; Van-Huy Nguyen; et al.	International journal of molecular sciences	2020	0	Web of Science
	175.	By: Vasanthi, D. S.; Ravichandran, K.; Kavitha, P.; et al.	Superlattices and microstructures	2020	0	Web of Science
	176.	By: Seelan, K. Shantha; Ravichandran, K.; Kavitha, P.; et al.	Applied physics a-materials science & processing	2020	0	Web of Science
	177.	By: Rani, K. Vijila; Jawhar, S. Joseph; Palanikumar, S.	Journal of ambient intelligence and humanized computing	2020	3	Web of Science
	178.	By: Shyjith, M. B.; Maheswaran, C. P.; Reshma, V. K.	Wireless personal communications	2020	1	Web of Science
	179.	By: Sakthivel, A.; Thangagiri, B.; Raman, N.; et al.	Journal of biomolecular structure & dynamics	2020	1	Web of Science
	180.	By: Preetha, R.; Jinny, S. Vinila	Current science	2020	1	Web of Science
	181.	By: Anoop, S.; Singh, J. Amar Pratap	Journal of ambient intelligence and humanized computing	2020	1	Web of Science
	182.	By: Bibal Benifa, J. V.; Venifa Mini, G.	Wireless personal communications	2020	1	Web of Science

	183.	By: Dhanraj, C.; Ravichandran, K.; Kavitha, P.; et al.	Inorganic chemistry communications	2020	0	Web of Science
	184.	By: Durai, T. Judson; Sivapragash, M.; Vettivel, S. C.; et al.	Metal science and heat treatment	2020	0	Web of Science
	185.	By: Balamurugan, S.; Resmi, S. P.; Brightlin, B. C.; et al.	Journal of nanoscience and nanotechnology	2020	1	Web of Science
	186.	By: Thebiga, M.; SujiPramila, R.	Wireless personal communications	2020	1	Web of Science
	187.	By: Raja, T. S. Gokul; Dheebikha, K.; Balamurugan, S.; et al.	Journal of nanoscience and nanotechnology	2020	2	Web of Science
	188.	By: Gopika, M. S.; Bindhu, B.; Sandhya, K. Y.; et al.	Polymer bulletin	2020	3	Web of Science
	189.	By: Najeeb, Mansoor Ani; Ahmad, Zubair; Balamurugan, Sarkarainadar; et al.	Current nanoscience	2020	0	Web of Science
	190.	By: Rajesh, K. R.; Raman, R. Ganapathi; Musthafa, M. M.; et al.	International journal of radiation research	2020	2	Web of Science
	191.	By: Balamurugan, S.; Brightlin, B. C.; Jainshaa, J.	Journal of nanoscience and nanotechnology	2020	2	Web of Science
	192.	Raj, SSR; Dhas, JER and Jesuthanam, CP	Journal of reinforced plastics and composites	2021	4	Web of Science
	193.	Gladis, EHE; Nagashri, K; (...); Joseph, J	Journal of coordination chemistry	2020	2	Web of Science
	194.	Balamurugan, S; Ragasree, R; (...); Raja, TSG	Journal of cluster science	2021	3	Web of Science
3.4.9	<i>Bibliometrics of the publications during the year based on Scopus/ Web of</i>					

Q _n M	Science – h-Index of the University					
	SL. NO	Title of paper	Name of the author/s	Name of journal	Year of publication	Citation Index
	1.	Data security and privacy protection in cloud computing: A review	Anusha Linda Kostka J.E., Vinila Jinny S.	Advances in Intelligent Systems and Computing	2021	Scopus
	2.	Spliced image detection in 3d lighting environments using neural networks	Vinolin V., Sucharitha M.	Advances in Intelligent Systems and Computing	2021	Scopus
	3.	Automated Detection of Retinal Hemorrhage Based on Supervised Classifiers and Implementation in Hardware	Sreeja K.A., Kumar S.S., Pradeep A.	Smart Innovation, Systems and Technologies	2021	Scopus
	4.	Segmentation of Images Using Watershed and MSER: A State-of-the-Art Review	Leena Silvester M., Kumar R.M.S.	Studies in Systems, Decision and Control	2021	Scopus
	5.	A dual autoencoder and singular value decomposition based feature optimization for the segmentation of brain tumor from MRI images	Aswani K., Menaka D.	BMC Medical Imaging	2021	Scopus
	6.	Taylor-RNet: An approach for image forgery detection using Taylor-adaptive rag-bull rider-based deep convolutional neural network	Vinolin V., Sucharitha M.	International Journal of Intelligent Systems	2021	Scopus
	7.	Biogenesis of ZnO	Keerthana P., Vijayakumar	Industrial Crops and	2021	Scopus

		nanoparticles for revolutionizing agriculture: A step towards anti-infection and growth promotion in plants	S., Vidhya E., V.N P., Nilavukkarasi M., PK P.	Products		
	8.	Design, synthesis, characterization, DNA binding, acetyl and butyryl cholinesterase activities of metal chelates with 1,10-Phenanthroline derivative	Edinsha Gladis E.H., Nagashri K., Joseph J.	Inorganic Chemistry Communications	2020	Scopus
	9.	Unraveling the enhanced photocatalytic decomposition efficacy of the Al-doped ZnO nanoparticles@graphene sheets	Chidhambaram N., Valanarasu S., Ganesh V., Gobalakrishnan S.	Journal of Physics D: Applied Physics	2020	Scopus
	10.	A comparative analysis of data integration and business intelligence tools with an emphasis on healthcare data	George J., Jeyakumar M.K.	SSRG International Journal of Engineering Trends and Technology	2020	Scopus
	11.	Hybrid dimensionality reduction for outlier detection in high dimensional data	Thomas R., Judith J.E.	International Journal of Emerging Trends in Engineering Research	2020	
	12.	A New Mathematical and Correlation Coefficient Based Approach to Recognize and to Obstruct the Black Hole Attacks in Manets Using DSR Routing	Thebiga M., SujiPramila R.	Wireless Personal Communications	2020	Scopus
	13.	Experimental	Vysakh R.,	Biomedical	2020	Scopus

		determination of thermal neutron fluence around Elekta Versa HD linear accelerator for various photon energies	Musthafa M.M., Midhun C.V., Niyas P., Anjana P.T., Arun Krishnan M.P., Ranjith C.P., Irfad M.P., Ganapathi Raman R.	Physics and Engineering Express		
	14.	Green way biosynthesis: Characterization, antimicrobial and anticancer activity of ZnO nanoparticles	Vidhya E., Vijayakumar S., Prathipkumar S., Praseetha P.K.	Gene Reports	2020	Scopus
	15.	Combined effect of Cu and N on bandgap modification of ZnO film towards effective visible light responsive photocatalytic dye degradation	Vasanthi D.S., Ravichandran K., Kavitha P., Sriram S., Praseetha P.K.	Superlattices and Microstructures	2020	Scopus
	16.	Novel trust based ranking for intrusion detection and security using deep learning	Baby J., Jeba J.R.	International Journal of Emerging Trends in Engineering Research	2020	
	17.	Nature-inspired hybrid deep learning for race detection by face shape features	Sukumaran A., Brindha T.	International Journal of Intelligent Computing and Cybernetics	2020	Scopus
	18.	An optimization-based deep belief network for the detection of phishing e-mails	Arshey M., Angel Viji K.S.	Data Technologies and Applications	2020	web of science
	19.	Automatic Extraction of Lesions and Hepatic Structures in	Kostka A.L., Jinny S.V.	Proceedings of the 2nd International Conference on Inventive	2020	

		Liver using Segmentation Techniques		Research in Computing Applications , ICIRCA 2020		
	20.	A novel ensemble method for detecting outliers in categorical data	Thomas R., Judith J.E.	International Journal of Advanced Trends in Computer Science and Engineering	2020	
	21.	Mining of network data for intrusion detection using multi-dimensional hierarchical k means clustering employed with hybrid abc-dt	Josemila Baby J., Jeba J.R.	Indian Journal of Computer Science and Engineering	2020	Scopus
	22.	An agile dimensional data mart architecture for clinical laboratory towards the development of an evolving enterprise clinical data warehouse	George J., Jeyakumar M.K.	International Journal of Advanced Trends in Computer Science and Engineering	2020	
	23.	Drag reduction for payload fairing of satellite launch vehicle with aerospike in transonic and low supersonic speeds	Mehta R.C.	Advances in Aircraft and Spacecraft Science	2020	Scopus
	24.	Hybrid Algorithm based PFoPID Control Design of a Grid-connected PV Inverter for MPPT	Thangam T., Muthuvel K.	Proceedings of the 2nd International Conference on Inventive Research in Computing Applications , ICIRCA 2020	2020	Scopus
	25.	Power efficient	Rakesh S.,	International	2020	Scopus

		multiply accumulate architectures using modified parallel prefix adders for low power applications	Vijula K.S.G.	Journal of Computing and Digital Systems		
	26.	Combinational semantic approach for efficient data extraction from multiple documents	Wilson P.K., Jeba J.R.	International Journal of Advanced Trends in Computer Science and Engineering	2020	
	27.	Effect of Sintering Temperature on Mechanical Properties of Mg – HA Composites	Durai T.J., Sivapragash M., Vettivel S.C., Aurtherson P.B.	Metal Science and Heat Treatment	2020	Scopus
	28.	An enhanced back propagation method for change analysis of remote sensing images with adaptive preprocessing	Dalmiya C.P., Santhi N., Sathyabama B.	European Journal of Remote Sensing	2020	Scopus
	29.	Algorithmic Study on Facial Emotion Recognition model with Optimal Feature Selection via Firefly Plus Jaya Algorithm	Devi B., Jain Preetha M.M.S.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	Scopus
	30.	A hybrid approach for intrusion detection using integrated K-Means based ANN with PSO optimization	Baby J.J., Jeba J.R.	Advances in Science, Technology and Engineering Systems	2020	Scopus
	31.	Development of molybdenum disulphide reinforced alginate	Sreekumar K., Bindhu B.	Indian Journal of Biochemistry and	2020	web of science

		acid composites		Biophysics		
	32.	Parametric Analysis on Optimized PFOPID control design of a Grid-connected PV inverter for MPPT	Thangam T., Muthuvel K.	Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020	2020	Scopus
	33.	A polymer blend from Gum Arabic and Sodium Alginate - preparation and characterization	Nair R.M., Bindhu B., V L R.	Journal of Polymer Research	2020	web of science
	34.	Evaluation of antioxidant and neuroprotective activities of Lyngbya majuscula on human neural tissues	Manogar P., Vijayakumar S., Praseetha P.K.	Gene Reports	2020	Scopus
	35.	Binary operation based hard exudate detection and fuzzy based classification in diabetic retinal fundus images for real time diagnosis applications	Pradeep A., Joseph X.F.	International Journal of Electrical and Computer Engineering	2020	Scopus
	36.	Hybrid power generation system with Total Harmonic Distortion minimization using improved Rider Optimization Algorithm: Analysis on converters	Ravikumar S., Vennila H., Deepak R.	Journal of Power Sources	2020	web of science
	37.	Foundation steps for a well-defined clinical business intelligence	George J., Jeyakumar M.K.	Indian Journal of Computer Science and	2020	Scopus

		system-an analysis of data warehouse approaches with respect to healthcare data		Engineering		
	38.	Modified Optimization in 5G Optical Wireless Systems	Mathews A.B., Glan Devadhas G.	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2020	2020	Scopus
	39.	Comparative analysis of thermal comfort in a building using energy efficient material	Anantha Lekshmi M.L., Stalin Jose Y.	Journal of Green Engineering	2020	
	40.	Sustainable supply chain management: A hybrid method to assess the drivers	Saji S.S., Ramasamy N., Chandramana S.B.	International Journal of Advanced Science and Technology	2020	Scopus
	41.	Kernel-based Bayesian clustering of computed tomography images for lung nodule segmentation	Baby Y.R., Ramayyan Sumathy V.K.	IET Image Processing	2020	web of science
	42.	Assessment of aluminium metal matrix composites – review	Push P.B., Bavanish B.	International Journal of Mechanical and Production Engineering Research and Development	2020	Scopus
	43.	Design and Implementation of Content-Based Natural Image	Arunlal S.L., Santhi N., Ramar K.	International Journal of Image and Graphics	2020	Scopus

		Retrieval Approach Using Feature Distance				
	44.	Blood vessel segmentation and diabetic retinopathy recognition: an intelligent approach	Nair A.T., Muthuvel K.	Computer Methods in Biomechanics and Biomedical Engineering : Imaging and Visualization	2020	Scopus
	45.	Robust power flow control of PV and battery powered electric vehicle with single stage interaction converter	Jambulingam S., Mary Synthia Regis Prabha D.M.	Journal of Green Engineering	2020	Scopus
	46.	Automatic Detection of Segmentation and Advanced Classification Algorithm	Mathews A.B., Jeyakumar M.K.	Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020	2020	Scopus
	47.	Selection of best 3PL provider using ism and anp technique	Ashok R., Rajesh R.	International Journal of Scientific and Technology Research	2020	Scopus
	48.	Moth-flame optimization based radiant thermal pattern controller for continuous stirred tank heater	Kabila V., Glan Devadhas G.	International Journal of Scientific and Technology Research	2020	Scopus
	49.	Evaluating new strategies for anticancer molecules from	Vibala B.V., Praseetha P.K., Vijayakumar	Gene Reports	2020	Scopus

		ethnic medicinal plants through in silico and biological approach - A review	S.			
	50.	Significance of frequency domain features of pcg records for murmur detection - An investigation	Careena P., Mary Synthuja Jain Preetha M., Arun P.	Biomedical and Pharmacology Journal	2020	Scopus
	51.	Analysis of Lung Tumor Detection using Various Segmentation Techniques	Mathews A.B., Jeyakumar M.K.	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	2020	Scopus
	52.	Machine Learning Approach for 5G Hybrid Technologies	Mathews A.B., Glan Devadhas G.	Proceedings of the 5th International Conference on Inventive Computation Technologies, ICICT 2020	2020	Scopus
	53.	IoT based bus arrival time prediction using Artificial Neural Network (ANN) for smart public transport system (SPTS)	Jabamony J., Shanmugavel G.R.	International Journal of Intelligent Engineering and Systems	2020	Scopus
	54.	A review analysis of reverse converter based on Rns in signal processing	Daphni S., Vijula Grace K.S.	International Journal of Scientific and Technology Research	2020	Scopus
	55.	Enabling authenticity and integrity with Information	Jebin Bose S., Dhas J.P.M., Cynthia S.	International Conference on Emerging	2020	Scopus

		Hiding for secure communication in Internet of Things		Trends in Information Technology and Engineering , ic-ETITE 2020		
	56.	Design of PWM with four transistor comparator for DC–DC boost converters	Rex S.R., Praba D.M.M.S.R.	Microprocessors and Microsystems	2020	Web of Science
	57.	Detection of pH neutralization technique in multiple tanks using ANFIS controller	Rose T.P., Devadhas G.G.	Microprocessors and Microsystems	2020	Web of Science
	58.	Design and development of new control technique for standalone PV system	S B.R.V., Devadhas G.G.	Microprocessors and Microsystems	2020	Web of science
	59.	Techniques Tanimoto correlated feature selection system and hybridization of clustering and boosting ensemble classification of remote sensed big data for weather forecasting	Pooja S.B., Siva Balan R.V., Anisha M., Muthukumar an M.S., Jothikumar R.	Computer Communications	2020	web of science
	60.	Impact of surface-modified molybdenum disulphide on crystallization, thermal and mechanical properties of polyvinylidene fluoride	Gopika M.S., Bindhu B., Sandhya K.Y., Reena V.L.	Polymer Bulletin	2020	web of science
	61.	Geometric decomposition of graph with	Remya J., Sudha M.	Advances in Mathematics: Scientific	2020	Scopus

		various common ratio		Journal		
	62.	Complete cototal domination number of central graphs	Maria Regila Baby J., Uma Samundesvari K.	Advances in Mathematics: Scientific Journal	2020	Scopus
	63.	Computation of base pressure based on to fill-up the growing space applied to reentry capsules	Mehta R.C.	Aiaa aviation 2020 forum	2020	Scopus
	64.	Bilateral filter based image enhancement for retinal fundus images	Das N.S., Palanikumar S.	Oxidation Communications	2020	Scopus
	65.	Epileptic seizure detection in EEG using improved entropy	Gini A.T.P., Queen M.P.F.	International Journal of Biomedical Engineering and Technology	2020	Scopus
	66.	Laser beam welding: Research state of the art on performance and measures	Chandran S., Rajesh R., Devanand M.	Control and Cybernetics	2020	Scopus
	67.	Reverse wiener index of unitary addition cayley graphs	Thilaga C., Sarasija P.B.	Advances in Mathematics: Scientific Journal	2020	Scopus
	68.	Performance analysis of optimal cluster selection and intrusion detection by hierarchical K-means clustering with hybrid ABC-DT	Jesuretnam J.B., Rose J.J.	International Journal of Pervasive Computing and Communications	2020	
	69.	Categorization and comparison of various tracking algorithm for photovoltaic application	Sree Devi I.S., Mary Synthia Regis Prabha D.M.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus

	70.	A novel integrated point detection based feature extraction technique for early diagnosis of alzheimer's disease from mri brain images	Dinu A.J., Ganesan R., Manju R.	International Journal of Current Research and Review	2020	Scopus
	71.	Wiener polynomial and degree distance polynomial of some graphs	Jeyanthi D.A., Selvarajan T.M.	Advances in Mathematics: Scientific Journal	2020	Scopus
	72.	Unitary divisor addition cayley graphs	Thilaga C., Sarasija P.B.	Advances in Mathematics: Scientific Journal	2020	Scopus
	73.	Load Based Key Generation for MANETs: A Comparative Study with DSR and AODV	Shibu K.R., Suji Pramila R.	Wireless Personal Communications	2020	web of science
	74.	Multi-user energy efficient secured framework with dynamic resource allocation policy for mobile edge network computing	Anoop S., Singh J.A.P.	Journal of Ambient Intelligence and Humanized Computing	2020	
	75.	Challenges on machining characteristics of natural fiber-reinforced composites – A review	Raj S.S.R., Dhas J.E.R., Jesuthanam C.P.	Journal of Reinforced Plastics and Composites	2020	web of science
	76.	Tensile strength comparison of friction stir welded magnesium alloys using ASTM / ASME standards	Unnikrishnan M.A., Edwin Raja Dhas J.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	77.	Forecasting the impact of social media advertising among college	Zenith.N. M., Radhika R.	Scalable Computing	2020	Scopus

		students using higher order statistical functions				
	78.	Optimization based routing model for the dynamic path planning of emergency vehicles	Jose C., Vijula Grace K.S.	Evolutionary Intelligence	2020	Scopus
	79.	Complete cototal edge domination number of certain graphs	Maria Regila Baby J., Uma Samundesvari K.	Advances in Mathematics: Scientific Journal	2020	Scopus
	80.	A comparative analysis of energy efficient mobile offloading mechanisms	Anoop S., Amar Pratap Singh J.	International Journal of Advanced Trends in Computer Science and Engineering	2020	
	81.	Mechanical and Microstructural Characterization of Friction Stir-Welded AA2219: TiCp-Reinforced Composites	Edwin Raja Dhas J., Dhas J.H.	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	2020	web of science
	82.	A novel combined point detection and feature extraction method for early detection of alzheimer's disease	Dinu A.J., Manju R., Ganesan R.	Journal of Critical Reviews	2020	Scopus
	83.	Restoration of compressed image using hard thresholding method	Sujithra M.S., Sugitha N.	International Journal on Emerging Technologies	2020	Scopus
	84.	Real-time traffic signal management system for emergency vehicles using	Jose C., Vijula Grace K.S.	Lecture Notes in Electrical Engineering	2020	Scopus

		embedded systems				
	85.	Voting-based ensemble of unsupervised outlier detectors	Thomas R., Judith J.E.	Lecture Notes in Electrical Engineering	2020	Scopus
	86.	An efficient multiauthority attribute-based encryption technique for storing personal health record by compressing the attributes	Sammy F., Vigila S.M.C.	Lecture Notes in Electrical Engineering	2020	Scopus
	87.	Energy-conserving cluster method with distance criteria for cognitive radio networks	Sumi M.S., Ganesh R.S.	Lecture Notes in Electrical Engineering	2020	Scopus
	88.	Hep-2 specimen image segmentation and classification using glcm and dct based feature extraction with cnn classifier	Manju C.C., Victor Jose M.	Lecture Notes in Electrical Engineering	2020	Scopus
	89.	A comparative study on data cleaning approaches in sentiment analysis	Mohamed Zakir H., Vinila Jinny S.	Lecture Notes in Electrical Engineering	2020	Scopus
	90.	Robust adaptable segmentation-based copy move forgery detection method	Dhanya R., KalaiSelvi R.	Lecture Notes in Electrical Engineering	2020	Scopus
	91.	Sybil attack in vanet operating in an urban environment: an overview	Velayudhan N.C., Anitha A.	Lecture Notes in Electrical Engineering	2020	Scopus
	92.	A comparative performance analysis of different denoising	Shafeen Nagoor M., Vinila Jinny S.	Lecture Notes in Electrical Engineering	2020	Scopus

		techniques in sputum smear images				
	93.	Enhanced Cluster Head Selection Approach for small scale and large scale network in WSN for improving energy efficiency	Selvalakshmi M., Jeyakumar M.K.	SSRG International Journal of Engineering Trends and Technology	2020	Scopus
	94.	A dimensional data model for healthcare revenue cycle analytics and business intelligence	George J., Jeyakumar M.K.	International Journal on Emerging Technologies	2020	Scopus
	95.	Genetic Algorithm and Particle Swarm Optimization in Minimizing MakeSpan Time in Job Shop Scheduling	Anil Kumar K.R., Das E.R.	Lecture Notes in Mechanical Engineering	2020	Scopus
	96.	A novel secret key generation scheme for manets using traffic load to avoid active attackers	Shibu K.R., Suji Pramila R.	International Journal of Emerging Trends in Engineering Research	2020	
	97.	Protecting big data in public cloud by enhanced RBAC	Dhas J.L.J., Maria Celestin Vigila S.	Indian Journal of Computer Science and Engineering	2020	Scopus
	98.	An approach for reduce distortion and improve system performance of MIMO-OFDM using wiener hammerstein equalizer	Shamna A.R., Amala Shanthi S.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	99.	Facebook: A medium in enhancing	Vivekha S., Rakesh Babu M.	Journal of Critical Reviews	2020	Scopus

		communication skills in L2 learners				
	100.	Performance comparison of MIMO-OFDM using weiner hammerstein and CNN equalizers	Shamna A.R., Shanthi S.A.	Journal of Critical Reviews	2020	Scopus
	101.	Socio feminist issues in the select novels of Chetan Bhagat	Titus Livingston E., Rakesh Babu M.	Journal of Critical Reviews	2020	Scopus
	102.	The smashed selfhood: Toni Morrison's Sula as an abandoned Black lady	Abigail V., Rakesh Babu M.	Journal of Critical Reviews	2020	Scopus
	103.	De-Tumbling Controller of NIUSAT: Design, Simulation and On-Orbit Performance	Aaron Raphael Raja F., Diwan V., Samuel K.	Lecture Notes in Mechanical Engineering	2020	Scopus
	104.	Conflict and compromise in Bhabani Bhattacharya's shadow from ladakh	Ahalya T., Bindhu V.S.	Journal of Critical Reviews	2020	Scopus
	105.	Debasement, and resurgence of culture, tradition and nature: A tribal perspective of Rajam Krishnan's when the Kurinji blooms	Suganth R.S., Jinu R.	Journal of Critical Reviews	2020	Scopus
	106.	A Comparative Study of Thresholding Based Defect Detection Techniques	Aslam Y., Santhi N.	Lecture Notes on Data Engineering and Communications Technologies	2020	Scopus
	107.	Forgotten polynomial of	Ahila Jeyanthi D.,	Journal of Advanced	2020	Scopus

		subdivision graphs	Selvarajan T.M.	Research in Dynamical and Control Systems		
	108.	Dominating sets and domination polynomial of fan related graphs	Selvarajan T.M., Ahila Jeyanthi D.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	109.	Reversible steganography for RGB images using image interpolation	Shahi D., Vinod Kumar R.S., Reshma V.K.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	110.	Gravitational search algorithm based rnfl segmentation for early stage alzheimer's detection	Das N.S., Palanikumar S.	Journal of Critical Reviews	2020	Scopus
	111.	Organization culture and employee performance in it industry in India	Shamsudin S., Velmurugan V.P.	International Journal of Psychosocial Rehabilitation	2020	Scopus
	112.	Performance evaluation of various active contour models for liver boundary detection in abdomen computed tomography images	Shanila N., Vinod Kumar R.S.	Journal of Critical Reviews	2020	Scopus
	113.	Emprical study on gastric cancer diagnosis using gastroenterology images	Ravindran Z., Kumar S.P.	Journal of Critical Reviews	2020	Scopus
	114.	Employee morale (EM) and its impact on employee attitude (EA) in self financing colleges	Kumar A., Velmurugan V.P.	Journal of Critical Reviews	2020	Scopus

		of Kerala				
	115.	Perception towards the problems of e-banking among the new users at Thiruvananthapuram district	Dhanya B.K., Velmurugan V.P.	Journal of Critical Reviews	2020	Scopus
	116.	Security issue in implantable medical device: A comprehensive survey	Ameer A.M., Jose M.V.	Journal of Critical Reviews	2020	Scopus
	117.	Model of implanted electrocardiogram (ECG) monitoring	Ameer A.M., Jose M.V.	Journal of Critical Reviews	2020	Scopus
	118.	A survey on assorted subsisting approaches to recognize and preclude black hole attacks in mobile Adhoc networks	Thebiga M., Suji Pramila R.	International Journal of Interactive Mobile Technologies	2020	Scopus
	119.	Research Contributions with Algorithmic Comparison on the Diagnosis of Diabetic Retinopathy	Nair A.T., Muthuvel K.	International Journal of Image and Graphics	2020	
	120.	A Review on Various Clustering Approaches for Image Segmentation	Aslam Y., Santhi N., Ramasamy N., Ramar K.	Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020	2020	Scopus
	121.	Trust-Based Chaos Access Control Framework by Neural Network for Cloud Computing Environment	Benifa J.V.B., Mini G.V.	EAI/Springer Innovations in Communication and Computing	2020	Scopus

	122.	A report on behavior-based implicit continuous biometric authentication for smart phone	P. R V., A A., Gopalakrishnan U.	Advances in Intelligent Systems and Computing	2020	Scopus
	123.	Optimized and Dynamic Selection of Cluster Head Using Energy Efficient Routing Protocol in WSN	Shyjith M.B., Maheswaran C.P., Reshma V.K.	Wireless Personal Communications	2020	web of science
	124.	Chicken-moth search optimization-based deep convolutional neural network for image steganography	Reshma V.K., Od Kumar. R.S., Shahi D., Shyjith M.B.	Scalable Computing	2020	Scopus
	125.	A novel method for mapping plaintext characters to elliptic curve affine points over prime field and pseudorandom number generation	Varghese S., Vigila S.M.C.	International Journal of Computer Information Systems and Industrial Management Applications	2020	Scopus
	126.	Multiband-loaded compact antenna design for wimax/wlan/ubw applications	Sreeja T.K., Jayakumari J., Chandrakala K., Nair R.M., Vasu A.S.	Lecture Notes in Electrical Engineering	2020	Scopus
	127.	A robust tamil text to speech synthesizer using support vector machine (svm)	Femina Jalin A., Jayakumari J.	Lecture Notes in Electrical Engineering	2020	Scopus
	128.	Improved Merkle Hash Tree-Based One-Time Signature Scheme for Capability-Enhanced	Babu V.J., Jose M.V.	Wireless Personal Communications	2020	web of science

		Security Enforcing Architecture for Named Data Networking				
	129.	Influence of Cylindrical Threaded Tool Pin Profile on the Mechanical and Metallurgical Properties of FSW of ZE42 Magnesium Alloy	Darwins A.K., Satheesh M., Ramanan G.	Lecture Notes in Mechanical Engineering	2020	
	130.	A Machine Learning Approach in Medical Image Analysis for Brain Tumor Detection	Aswani K., Menaka D., Manoj M.K.	Lecture Notes in Networks and Systems	2020	Scopus
	131.	An analysis on feature selection methods, clustering and classification used in heart disease prediction - A machine learning approach	Romalt A.A., Kumar R.M.S.	Journal of Critical Reviews	2020	Scopus
	132.	An improved detector to reduce the complexity in higher order Hierarchical modulated system	Chandra Kala K., Jaya Kumari J.	Journal of Applied Science and Engineering	2020	Scopus
	133.	Content-based image retrieval for mobile devices using multi-stage autoencoders	Aiswarya K.S., Santhi N., Ramar K.	Journal of Critical Reviews	2020	Scopus
	134.	Optimized support vector neural network and contourlet transform for image steganography	Reshma V.K., Vinod Kumar R.S., Shahi D., Shyjith M.B.	Evolutionary Intelligence	2020	Scopus
	135.	A content based	Binisha Rose	Journal of	2020	Scopus

		remote sensing image retrieval using a modified local color descriptors	J., Santhi N., Ramar K.	Advanced Research in Dynamical and Control Systems		
	136.	Image retrieval in mobile by using position scale orientation SIFT and contextual saliency	Aiswarya K.S., Santhi N., Ramar K.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	137.	Feature extraction and performance evaluation of classification algorithms for liver tumor diagnosis of abdominal computed tomography images	Shanila N., Vinod Kumar R.S., Abin N.A.	Journal of Advanced Research in Dynamical and Control Systems	2020	Scopus
	138.	Validation of PRIMO monte carlo model of clinac®IX 6mv photon beam	Sarin B., Bindhu B., Saju B., Nair R.	Journal of Medical Physics	2020	Scopus
	139.	A novel method for classification using multi class-SVM classifier with multi features	Jeslin T., Linsely J.A.	Journal of Critical Reviews	2020	Scopus
	140.	Localization and segmentation of metal cracks using deep learning	Aslam Y., Santhi N., Ramasamy N., Ramar K.	Journal of Ambient Intelligence and Humanized Computing	2020	web of science
	141.	An analysis of third-party logistics market in the United Arab Emirates	Ashok R., Rajesh R.	International Journal of Supply Chain Management	2020	Scopus
	142.	Fusion of underwater images based on tetrolet transform & color correction	Sarath D., Sucharitha M.	Journal of Advanced Research in Dynamical and Control	2020	Scopus

		algorithms		Systems		
	143.	Retrieving mobile based scalable images using position scale orientation-scale invariant feature transform algorithm	Aiswarya K.S., Santhi N., Ramar K.	Journal of Engineering Science and Technology	2020	Scopus
	144.	Comparative study on the effect of lightweight aggregates on the properties of high performance concrete	Pradeep P., Beena M.O.L.	Journal of Engineering Science and Technology	2020	Scopus
	145.	Development of Taguchi based grey relational analysis optimization for FSW of AZ31B magnesium alloy	Unnikrishnan M.A., Edwin Raja Dhas J., Shanavas S.	International Journal of Vehicle Structures and Systems	2020	Scopus
	146.	Effectiveness of wilson amplitude for the detection of murmur from the pcg records	Careena P., Mary Synthuja Jain Preetha M., Arun P.	Lecture Notes in Electrical Engineering	2020	Scopus
	147.	A novel classification approach to detect the presence of foetal cardiac anomaly from foetal electrocardiogram	Anisha M., Kumar S.S., Benisha M.	International Journal of Biomedical Engineering and Technology	2020	Scopus
	148.	A study on segmentation algorithms for liver disorder analysis in medical images	Joel Dickson A., Arul Linsely J., Justin Diraviam A.	International Journal of Advanced Trends in Computer Science and Engineering	2020	
	149.	Prediction of process parameters in electrical discharge machining using	Chenthil Jegan T.M., Chitra R., Thangarasu V.S.	International Journal of Business Intelligence and Data Mining	2020	Scopus

		response surface methodology and ANN: An experimental study				
	150.	Studies on new material: Carbon dot-graphene oxide-zinc oxide nanocomplex	Ajinsundar S., Rimal Issac R.S., Gopalakrishnan S., Joseph John N.	Materials Science-Poland	2020	Scopus
	151.	A Sustainable Green Façade Retrofit for An Iconic Built Structure: A Case Study at SAINTGITS	Varghese J.T., Thomas S., Herbert J.	Lecture Notes in Civil Engineering	2020	
	152.	Visible active TiO ₂ -CdS-rGO ternary nanocomposite for enhanced photodecomposition of methylene blue	Raja A., Rajasekaran P., Selvakumar K., Ganapathi Raman R., Swaminathan M.	Materials Today: Proceedings	2020	Scopus
	153.	A short analysis on the morphological characterization of colloidal quantum dots for photovoltaic applications	Najeeb M.A., Ahmad Z., Balamurugan S., Sulaiman K., Shakoor R.A.	Current Nanoscience	2020	Scopus
	154.	Strength characterization of caryota urens fibre and aluminium 2024-T3 foil multi-stacking sequenced SiC-toughened epoxy structural composite	Vincent V.A., Kailasanathan C., Shanmuganathan V.K., Kumar J.V.S.P., Arun Prakash V.R.	Biomass Conversion and Biorefinery	2020	web of science
	155.	Synthesis, structural elucidation, pharmacological and molecular	Vijayan N., Princess R., Raja S.J., Joseph J.	Journal of Molecular Structure	2020	web of science

		docking studies of terpolymer transition metal complexes				
	156.	Effects of microplastics and nanoplastics on marine environment and human health	Sana S.S., Dogiparthi L.K., Gangadhar L., Chakravorty A., Abhishek N.	Environmental Science and Pollution Research	2020	web of science
	157.	Context-dependent regulation of NRF2/ARE axis on vascular cell function during hyperglycemic condition	Ramprasath T., Freddy A.J., Velmurugan G., Tomar D., Rekha B., Suvekbala V., Ramasamy S.	Current Diabetes Reviews	2020	Scopus
	158.	Security-aware authorization and verification based data aggregation model for wireless sensor networks	Nels, S. Ninisha; Singh, J. Amar Pratap	International journal of numerical modelling-electronic networks devices and fields	2020	Web of Science
	159.	Design, synthesis, characterization, DNA binding, acetyl and butyryl cholinesterase activities of metal chelates with 1,10-Phenanthroline derivative	Gladis, E. H. Edinsha; Nagashri, K.; Joseph, J.	Inorganic chemistry communications	2020	Web of Science
	160.	Anti-biofilm compound of 1, 4-diaza-2, 5-dioxo-3- isobutyl bicyclo[4.3.0] nonane from marine Nocardiosis sp.	Rajivgandhi, Govindan Nadar; Ramachandran, Govindan; Kanisha, C. Chenthis; et al.	Journal of king saud university science	2020	Web of Science

		DMS 2 (MH900226) against biofilm forming K. pneumoniae				
	161.	Dual adaptive deep convolutional neural network for video forgery detection in 3D lighting environment	Vinolin, V.; Sucharitha, M.	Visual computer	2020	Web of Science
	162.	An eco-friendly green biopolymer blend for copper corrosion inhibition By:	Nair, Renjini M.; Bindhu, B.; Manikandana th, N. T.	polymer bulletin	2020	Web of Science
	163.	Multifunctional 1,10-phenanthroline derivative and its metal complexes as an anti-Alzheimer's agent: structure-based drug design, synthesis, characterization and pharmacological studies	By: Gladis, E. H. Edinsha; Nagashri, K.; Suman, A.; et al.	Journal of coordination chemistry	2020	Web of Science
	164.	Unraveling the enhanced photocatalytic decomposition efficacy of the Al-doped ZnO nanoparticles@graphene sheets	By: Chidhambaram, N.; Valanarasu, S.; Ganesh, V; et al.	Journal of physics d-applied physics	2020	Web of Science
	165.	Efficient segmentation of	By: Silvester, Leena M.;	Iet image processing	2020	Web of Science

		lumbar intervertebral disc from MR images	Kumar, Retnaswami Mathusoothana S.			
	166.	Triple novelty block detection and classification approach for lung tumor analysis	By: Rani, K. Vijila; Dayana, C. Thinkal; Therese, P. Sujatha; et al.	International journal of imaging systems and technology	2020	Web of Science
	167.	Heneicosane-A novel microbicidal bioactive alkane identified from Plumbago zeylanica L	By: Vanitha, V.; Vijayakumar, S.; Nilavukkarasi, M.; et al.	Industrial crops and products	2020	Web of Science
	168.	Neuroanatomical correlates of apathy and disinhibition in behavioural variant frontotemporal dementia	Varghese, Tinu; et al.	Brain imaging and behavior	2020	Web of Science
	169.	Protection of neuronal cell lines, antimicrobial and photocatalytic behaviours of eco-friendly TiO ₂ nanoparticles	By: Punitha, V. N.; Vijayakumar, S.; Sakthivel, B.; et al.	Journal of environmental chemical engineering	2020	Web of Science
	170.	Growth and characterization of Catena-((mu(4)-dihydrogen oxalate)-bis(mu(3)-hydrogen oxalato)- (mu(2)-dihydrogen oxalate)-tetra-aqua-di-rubidium) {Rb(HC ₂ O ₄)(H ₂ C ₂ O ₄)(H ₂ O)(2)}	By: Sudha, S.; Jayaprakash, P.; Kumari, C. Rathika Thaya; et al.	Chinese journal of physics	2020	Web of Science

		(1)(infinity) single crystal for nonlinear optical applications				
	171.	Quantitative analysis of Ag-doped SnS thin films for solar cell applications	By: Sebastian, S.; Vinoth, S.; Prasad, K. Hari; et al.	Applied physics a-materials science & processing	2020	Web of Science
	172.	Detection and classification of breast cancer from digital mammograms using hybrid extreme learning machine classifier	By: Melekoodappattu, Jayesh George; Subbian, Perumal Sankar; Queen, M. P. Flower	International journal of imaging systems and technology	2020	Web of Science
	173.	Effects of microplastics and nanoplastics on marine environment and human health	By: Sana, Siva Sankar; Dogiparthi, Lakshman Kumar; Gangadhar, Lekshmi; et al.	Environmental science and pollution research	2020	Web of Science
	174.	Recent Progress in Carbon Nanotube Polymer Composites in Tissue Engineering and Regeneration	By: Lekshmi, Gangadhar; Sana, Siva Sankar; Van-Huy Nguyen; et al.	International journal of molecular sciences	2020	Web of Science
	175.	Combined effect of Cu and N on bandgap modification of ZnO film towards effective visible light responsive photocatalytic dye degradation	By: Vasanthi, D. S.; Ravichandran, K.; Kavitha, P.; et al.	Superlattices and microstructures	2020	Web of Science
	176.	Simultaneous doping of higher ionic state metal and surface	By: Seelan, K. Shantha; Ravichandran, K.; Kavitha,	Applied physics a-materials science &	2020	Web of Science

		plasmon resonance-inducing element with ZnO: an effective approach to improve photocatalytic dye degradation	P.; et al.	processing		
	177.	Nanoscale imaging technique for accurate identification of brain tumor contour using NBDS method	By: Rani, K. Vijila; Jawhar, S. Joseph; Palanikumar, S.	Journal of ambient intelligence and humanized computing	2020	Web of Science
	178.	Optimized and Dynamic Selection of Cluster Head Using Energy Efficient Routing Protocol in WSN	By: Shyjith, M. B.; Maheswaran, C. P.; Reshma, V. K.	Wireless personal communications	2020	Web of Science
	179.	Spectroscopic, SOD, anticancer, antimicrobial, molecular docking and DNA binding properties of complexes obtained from 3-(2-hydroxy-3-methoxybenzylidene)pentane-2,4-dione	By: Sakthivel, A.; Thangagiri, B.; Raman, N.; et al.	Journal of biomolecular structure & dynamics	2020	Web of Science
	180.	Early diagnose breast cancer with PCA-LDA based FER and neuro-fuzzy classification system	By: Preetha, R.; Jinny, S. Vinila	Current science	2020	Web of Science
	181.	Multi-user energy efficient secured	By: Anoop, S.; Singh, J.	Journal of ambient	2020	Web of Science

		framework with dynamic resource allocation policy for mobile edge network computing	Amar Pratap	intelligence and humanized computing		
	182.	Privacy Based Data Publishing Model for Cloud Computing Environment	By: Bibal Benifa, J. V.; Venifa Mini, G.	Wireless personal communications	2020	Web of Science
	183.	Excess free-electrons activated photocatalytic ability of ZnO films through co-doping of higher oxidation state transition metals Ta and Mo	By: Dhanraj, C.; Ravichandran, K.; Kavitha, P.; et al.	Inorganic chemistry communications	2020	Web of Science
	184.	Effect of Sintering Temperature on Mechanical Properties of Mg - HA Composites	By: Durai, T. Judson; Sivapragash, M.; Vettivel, S. C.; et al.	Metal science and heat treatment	2020	Web of Science
	185.	Impact of Different Set of Precipitants on the Formation of BaFe ₁₂ O ₁₉ Phase Nanomaterials	By: Balamurugan, S.; Resmi, S. P.; Brightlin, B. C.; et al.	Journal of nanoscience and nanotechnology	2020	Web of Science
	186.	A New Mathematical and Correlation Coefficient Based Approach to Recognize and to Obstruct the Black Hole Attacks in Manets Using DSR Routing	By: Thebiga, M.; SujiPramila, R.	Wireless personal communications	2020	Web of Science

	187.	Enhanced Band Gap, Optical and Near-Infra-Red Reflecting Properties of Environmentally Benign Synthesized Nanocrystalline Gd ₂ Ti ₂ O ₇ Pyrochlore Materials	By: Raja, T. S. Gokul; Dheebikha, K.; Balamurugan, S.; et al.	Journal of nanoscience and nanotechnology	2020	Web of Science
	188.	Impact of surface-modified molybdenum disulphide on crystallization, thermal and mechanical properties of polyvinylidene fluoride	By: Gopika, M. S.; Bindhu, B.; Sandhya, K. Y.; et al.	Polymer bulletin	2020	Web of Science
	189.	A Short Analysis on the Morphological Characterization of Colloidal Quantum Dots for Photovoltaic Applications	By: Najeeb, Mansoor Ani; Ahmad, Zubair; Balamurugan, Sarkarainadar ; et al.	Current nanoscience	2020	Web of Science
	190.	A passive method for absolute dose evaluation of photoneutrons in radiotherapy	By: Rajesh, K. R.; Raman, R. Ganapathi; Musthafa, M. M.; et al.	International journal of radiation research	2020	Web of Science
	191.	Physical Properties of BaFe ₁₂ O ₁₉ Materials Obtained Under Different pH Using Hexamine as Novel Fuel by Auto Combustion Followed by Annealing Route	By: Balamurugan, S.; Brightlin, B. C.; Jainshaa, J.	Journal of nanoscience and nanotechnology	2020	Web of Science

	192.	Challenges on machining characteristics of natural fiber-reinforced composites - A review	Raj, SSR; Dhas, JER and Jesuthanam, CP	Journal of reinforced plastics and composites	2021	Web of Science
	193.	Multifunctional 1,10-phenanthroline derivative and its metal complexes as an anti-Alzheimer's agent: structure-based drug design, synthesis, characterization and pharmacological studies	Gladis, EHE; Nagashri, K; (...); Joseph, J	Journal of coordination chemistry	2020	Web of Science
	194.	Magnetic Properties of Mechano-Thermally Processed Nanocrystalline MgFe ₂ O ₄ Spinel Materials Jan 2021 (Early Access)	Balamurugan, S; Ragasree, R; (...); Raja, TSG	Journal of cluster science	2021	Web of Science

Key Indicators – 3.5 Consultancy

Metric No.	
3.5.1 Q ₁ M	<i>Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy</i> Faculty and staff of the Noorul Islam Centre for Higher Education are encouraged to participate in consulting. The University is committed by supporting external engagements that facilitate knowledge and technology transfer, resulting in economic and social impact that is expected to have a significant and transformative impact on business and society. Research and Industrial Consultancy offers administrative and management support for the Institute's sponsored research, industrial consulting, and other R&D operations. Consultancy is a powerful tool for a university to share information and have an immediate and direct impact on society. However, the balance between consulting and academic

	staff's conventional tasks must be managed, and the university's interests must be protected. Consultancy provides services to external clients based on a staff member's skills and knowledge. This can be done by providing expert advice, advising on technological concerns, or addressing problems. Other activities that are similar to consulting activities include business partnership or ownership, external appointments, and teaching commitments outside of the University. Consultancy provided by a University employee may be classified as "University Supported Consultancy" or "Private Consultancy." Private Revenue Distribution Consultancy When someone engages in private consulting, they keep all of the profits. However, the earnings must be reported.				
3.5.2 Q_nM	<i>Revenue generated from consultancy and corporate training during the year (INR in Lakhs)</i> 3.5.2.1: Total amount generated from consultancy and corporate training during the year (INR in lakhs) <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>0.261 lakhs</td></tr> </table>	Year	2020-2021	Number	0.261 lakhs
Year	2020-2021				
Number	0.261 lakhs				

Metric No.	Key Indicators - 3.6 Extension Activities
3.6.1 Q_iM	<i>Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year</i> ● The institute promotes regular engagement of faculty, scholars, staff and students with neighbourhood community for their holistic development. ● Every year programmes are organized in which students and staff members participate voluntarily in community based activities with neighbourhood. ● Various awareness programmes, allied health aids programs, workshops, rallies and road shows with themes like cleanliness, green environment & tree plantation. ● Continuous voluntary activities organized to maintain cleanliness in and around the campus to the National Swachh Bharat Abhiyan. ● More than 10 Blood Donation camps have been organized. ● Participation in the Adoption of Village under Unnath Bharath Abhiyan, Anti-Tobacco rally, Peace Rally, Wealth out of Waste (WoW) connects students

	with the larger social issues in the community. ● NSS unit and a team of committed faculty members make the students engage in the community development programmes.				
3.6.2 Q_nM	<i>Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year</i> 3.6.2.1: Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>Nil</td></tr> </table>	Year	2020-2021	Number	Nil
Year	2020-2021				
Number	Nil				
3.6.3 Q_nM	<i>Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Government and Government recognised bodies during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>03</td></tr> </table>	Year	2020-2021	Number	03
Year	2020-2021				
Number	03				
3.6.4 Q_nM	<i>Total number of students participating in extension activities listed at 3.6.3 above during the year</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>530</td></tr> </table>	Year	2020-2021	Number	530
Year	2020-2021				
Number	530				

Key Indicator - 3.7 Collaboration

Metric No.					
3.7.1 Q_nM	<i>Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year</i> 3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>68</td></tr> </table>	Year	2020-2021	Number	68
Year	2020-2021				
Number	68				
3.7.2	<i>Number of functional MoUs with institutions/ industries in India and abroad for</i>				

Q _n M	<i>internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year</i> <table border="1" data-bbox="651 304 1064 380"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>05</td></tr> </table>	Year	2020-2021	Number	05
Year	2020-2021				
Number	05				

Criterion IV – Infrastructure and Learning Resources

Key Indicator - 4.1 Physical Facilities

Metric No	
4.1.1 Q_iM	<i>The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.</i> The University provides adequate and sufficient state-of-the-art and infrastructure facilities for teaching – learning that needs of the students and research needs of scholars and researchers. Faculty use ICT integrated teaching through Power Point presentations, Smart boards and NPTEL lectures. The structures of the buildings spread in 47 acres. Class rooms are in 29 blocks, 24 x 7 Wi-Fi facility, and smart rooms. A convocation hall, open air theatre, open stage, 300 seating air conditioned multipurpose hall and 600 seating capacity air conditioned hall, conference halls and seminar halls for conducting various programs. Also, various laboratory equipment is available in Computer Science, Mechanical, Automobile, Aeronautical, Nanotechnology, and Marine department. The hangars by Directorate General of Civil Aviation. Aircrafts namely Pushpak and Stinson L-5 sentinel aircrafts, Cessna 150 Commuter aircraft, Beechcraft Queen Air 80 aircraft, and Learjet 25B aircraft adds effective learning in Aeronautical Engineering. Ship-in-campus is available in marine department. Nanotechnology lab is fledged with Surface Area Analyzer, Particle Size Analyzer, UV – Vis Spectrophotometer, Fourier Transform Infrared Spectrometer, Raman Spectrometer, Atomic Force Microscope, X-Ray Diffractometer and Ball Mill. Cloud computing is equipped with 1GBPS computing facilities. Robotics lab provides a basis for the researchers and students in various aspects.
4.1.2	<i>The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)</i>

Q_iM	University has cultural activities, yoga, sports and games. An air - conditioned multipurpose hall, furnished and sophisticated with an audience capacity for 600 occupants and a multipurpose air-conditioned hall with a capacity for 300 people. The institution encourages the students to take part in physical activity like carom, chess, table tennis and badminton in the boys and ladies hostels. There are separate Gymnasiums well equipped with modern fitness gadget and Yoga Centers for boys and girls in their respective hostels. A marine square ground is available for various purposes to do their physical workouts and game practices. Sports day is celebrated in the boys' hostel ground. Students are motivated to participate in the district level, state level, national level and international level competitions. University has 1000 sq.m. Area ground for multipurpose sports. • 200m track for Athletic, • 4 volleyball courts, • 2 basketball courts, • 2 kabaddi courts and • 4 badminton courts • Hockey cum football field • Cricket ground Every year the university holds sports carnival, inter-classmatches and sports day. For proper training and grooming of players the university provides coaching facilities to the players for different games. The indoor games facilities include: • Table Tennis • Chess • Carrom • Gymnasium
4.1.3 Q_iM	<i>Availability of general campus facilities and overall ambience</i> The University Campus situated in the serene and lush green base of Western Ghat Hills at rocky face of Velimalai, near Kumaracoil Temple and the famous Padmanabhapuram Palace, in Kanyakumari District, Tamil Nadu, India. Transportation with thirty buses flew to main towns in the district, the neighbouring districts and the neighbouring state for the conveyance. Tamil Nadu Mercantile Bank, extension counter with ATM is functional in the campus. The campuses including the hostels are equipped with 24 x 7 Wi-Fi facility with on-campus Cloud Computing Laboratory facility for the students. A Health Centre with doctors and nurses to take care of the medical needs of staff and students brings good hope. Drinking water facility is provided throughout the

	campus. Five DTP centers are operating inside the Campus which supports students for taking printouts, photo copies and class notes. Campus is monitored using CCTV camera, Lamp posts are available throughout the campus. The administrative offices of the University are computerized and the offices have LAN and Wi-Fi connectivity. Automatic sanitizer dispensing machine and hand washing facilities are installed at all departments to protect the students and staff against Covid-19 pandemic. A satellite station is provided and video conferencing facilities are available.																
4.1.4 Q_nM	<i>Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>137.65</td></tr></table> 4.1.4 Total expenditure excluding salary for infrastructure augmentation during the year(INR in Lakhs) <table><tr><th>Year</th><th>Budget allocated for infrastructure augmentation</th><th>Expenditure for infrastructure augmentation</th><th>Total expenditure excluding Salary</th><th>Expenditure on maintenance of academic facilities (excluding salary for human resources)</th><th>Expenditure on maintenance of physical facilities (excluding salary for human resources)</th></tr><tr><td>2020-2021</td><td>152.36</td><td>137.65</td><td>894.98</td><td>603.28</td><td>82.2</td></tr></table>	Year	2020-2021	Number	137.65	Year	Budget allocated for infrastructure augmentation	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities (excluding salary for human resources)	Expenditure on maintenance of physical facilities (excluding salary for human resources)	2020-2021	152.36	137.65	894.98	603.28	82.2
Year	2020-2021																
Number	137.65																
Year	Budget allocated for infrastructure augmentation	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities (excluding salary for human resources)	Expenditure on maintenance of physical facilities (excluding salary for human resources)												
2020-2021	152.36	137.65	894.98	603.28	82.2												

Key Indicator - 4.2 Library as a Learning Resource

Metric No.	
4.2.1 Q_iM	<i>Library is automated using Integrated Library Management System (ILMS) and has digitisation facility</i> Auto Lib Library software uses computer to automate the typical procedures of libraries such as cataloguing and circulation. Inthe process of library automation, a library makes use of computers and other technologies to support its systems and services. Library automation is the conversion of a library's procedures from manual to computerized, such as from a card catalog to an OPAC, or from manual circulation cards to an integrated library system. Use of computers in automating the library routines is specifically useful for the following reasons: Automation permits decentralized access to a bibliographic record by multiple users. A user can check to see if a book is out on loan or available on the shelf of the Library.

	• The application of information technology in libraries results in increased operational efficiency. It ensures ease of functioning, accuracy and economy in human labour with greater speed. • The library staffs, specially the younger ones, find use of computers interesting and exciting.																														
4.2.2 Q _n M	<i>Institution has subscription for e-Library resources</i> Library has regular subscription for the following: 1. e – journals 2. e-books 3. e-ShodhSindhu 4. Shodhganga 5. Databases Options: A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above C. Any 2 of the above <table border="1"><tr><td colspan="6">4.2.2 Institution has subscription for e-Library resources Library has regular subscription for the following: 1. e – journals, 2. e-books, 3. e-ShodhSindhu, 4. Shodhganga, 5. Databases</td></tr><tr><th>Library resources</th><th>If yes, details of memberships/subscriptions</th><th>Expenditure on subscription to e-journals, e-books (INR in lakhs)</th><th>Expenditure on subscription to other e-resources (INR in lakhs)</th><th>Total Library Expenditure</th><th>Link to the relevant document</th></tr><tr><td>Books</td><td></td><td>0.5</td><td></td><td>0.5</td><td>http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Book202021.pdf</td></tr><tr><td>Journals</td><td></td><td>1.3</td><td>0</td><td>1.3</td><td>http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Journal202021.pdf</td></tr><tr><td>e – journals</td><td></td><td>10.1</td><td>0</td><td>10.1</td><td>http://www.niuniv.com/NAAC/Criteria/4/4.2.2/EJournal202021.pdf</td></tr></table>	4.2.2 Institution has subscription for e-Library resources Library has regular subscription for the following: 1. e – journals, 2. e-books, 3. e-ShodhSindhu, 4. Shodhganga, 5. Databases						Library resources	If yes, details of memberships/subscriptions	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure	Link to the relevant document	Books		0.5		0.5	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Book202021.pdf	Journals		1.3	0	1.3	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Journal202021.pdf	e – journals		10.1	0	10.1	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/EJournal202021.pdf
4.2.2 Institution has subscription for e-Library resources Library has regular subscription for the following: 1. e – journals, 2. e-books, 3. e-ShodhSindhu, 4. Shodhganga, 5. Databases																															
Library resources	If yes, details of memberships/subscriptions	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure	Link to the relevant document																										
Books		0.5		0.5	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Book202021.pdf																										
Journals		1.3	0	1.3	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/Journal202021.pdf																										
e – journals		10.1	0	10.1	http://www.niuniv.com/NAAC/Criteria/4/4.2.2/EJournal202021.pdf																										

						02021.pdf				
	e-books		0	0	0					
	e-ShodhSindhu		Nil	Nil	Nil					
	Shodhganga	Yes, Membership	Yes, Membership		Yes, Membership	http://www.niuniv.com/NAAC/Criteria4/4.2.2/Shodhganga.pdf				
	Databases		Nil							
4.2.3 Q _n M	Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
	<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>11.9</td></tr></table>						Year	2020-2021	Number	11.9
	Year	2020-2021								
	Number	11.9								
	4.2.3 Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year(INR in Lakhs)									
	Library resources	If yes, details of memberships/subscriptions	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Expenditure on subscription to other e-resources (INR in lakhs)	Total Library Expenditure	Link to the relevant document				
	Books		0.5		0.5	http://www.niuniv.com/NAAC/Criteria4/4.2.2/Book20202021.pdf				
	Journals		1.3	0	1.3	http://www.niuniv.com/NAAC/Criteria4/4.2.2/Journal20202021.pdf				
	e – journals		10.1	0	10.1	http://www.niuniv.com/NAAC/Criteria4/4.2.2/EJournal20202021.pdf				
	e-books		0	0	0					
e-ShodhSindhu		Nil	Nil	Nil						
Shodhganga	Yes, Membership	Yes, Membership		Yes, Membership	http://www.niuniv.com					

						m\NAAC\Criteria4\4.2.2\Shodhganga.pdf				
	Databases		Nil							
			Total=11.9							
4.2.4 Q _n M	<i>Number of usage of library by teachers and students per day (foot falls and login data for online access)</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>50</td></tr></table>						Year	2020-2021	Number	50
Year	2020-2021									
Number	50									

Key Indicator – 4.3 IT Infrastructure

Metric No.																															
4.3.1 Q _n M	<i>Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>50</td></tr></table> <table><tr><td colspan="3">4.3.1 Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year</td></tr><tr><td>Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers</td><td>Type of ICT facility</td><td>Link to geo tagged photos and master time table</td></tr><tr><td>A114</td><td>Projector, Smart Board, Wi-Fi</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/A114.jpg</td></tr><tr><td>A214</td><td>Projector, Smart Board, Wi-Fi</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/A214.jpeg</td></tr><tr><td>F405</td><td>Projector, Smart Board, Wi-Fi</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/F405.jpg</td></tr><tr><td>G306</td><td>Projector, Smart Board, Wi-Fi</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/G306.jpg</td></tr><tr><td>H202</td><td>Projector, Smart Board, Wi-Fi</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/H202.jpg</td></tr><tr><td>H208</td><td>Projector, Smart Board,</td><td>http://www.niuniv.com/NAAC/Criteria4/4.3.1/H208.jpg</td></tr></table>			Year	2020-2021	Number	50	4.3.1 Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year			Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	Type of ICT facility	Link to geo tagged photos and master time table	A114	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/A114.jpg	A214	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/A214.jpeg	F405	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/F405.jpg	G306	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/G306.jpg	H202	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/H202.jpg	H208	Projector, Smart Board,	http://www.niuniv.com/NAAC/Criteria4/4.3.1/H208.jpg
Year	2020-2021																														
Number	50																														
4.3.1 Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year																															
Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers	Type of ICT facility	Link to geo tagged photos and master time table																													
A114	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/A114.jpg																													
A214	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/A214.jpeg																													
F405	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/F405.jpg																													
G306	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/G306.jpg																													
H202	Projector, Smart Board, Wi-Fi	http://www.niuniv.com/NAAC/Criteria4/4.3.1/H202.jpg																													
H208	Projector, Smart Board,	http://www.niuniv.com/NAAC/Criteria4/4.3.1/H208.jpg																													

		Wi-Fi	AC\Criteria4\4.3.1\H208.jpg
I103		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\I103.jpg
J203		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\J203.jpg
K202		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\K202.jpg
L303		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\L303.jpg
P402		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\P402.jpg
R403		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\R403.jpg
T303		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\T303.jpg
U304		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\U304.jpg
V104		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\V104.jpg
V204		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\V204.jpg
X201		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\X201.jpg
Y101		Projector, Smart Board, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\Y101.jpg
Y201		Wi-Fi, PROJECTOR	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\Y201.jpg
A108		Projector, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\A108.jpg
A111		Projector, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\A111.jpg
A118		Projector, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\A118.jpg
A201		Projector, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\A201.jpg
A203		Projector, Wi-Fi	http:\\www.niuniv.com\\NAAC\Criteria4\4.3.1\A203.jpg

			AC\Criteria4\4.3.1\A203.jpg
A204	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\A204.jpg
A205	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\A205.jpg
A207	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\A207.jpg
A208	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\A208.jpg
AA202	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AA202.jpeg
AB303	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB303.jpeg
AB304	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB304.jpeg
AB305	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB305.jpg
AB306	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB306.jpeg
AB402	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB402.jpeg
AB403	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB403.jpeg
AB404	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB404.jpeg
AB406	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\AB406.jpeg
G304	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\G304.jpg
G305	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\G305.jpg
L203	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\L203.jpg
L204	Projector, Wi-Fi		http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\L204.jpg
O302	Projector, Wi-Fi		http:\\www.niuniv.com\NA

			AC\Criteria4\4.3.1\O302.jpg
	O303	Projector, Wi-Fi	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\O303.jpg
	O304	Projector, Wi-Fi	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\O304.jpg
	R301	Projector, Wi-Fi	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\R301.jpg
	R302	Projector, Wi-Fi	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\R302.jpg
	VC Conference Hall	Projector, Wi-Fi	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\VC CONF HALL.jpg
	Y401	Wi-Fi, PROJECTOR	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\Y401.jpg
	Y402	Wi-Fi, PROJECTOR	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\Y402.jpg
	AC Auditorium	Wi-Fi, PROJECTOR	http:\\www.niuniv.com\NAAC\Criteria4\4.3.1\ACAuditorium.jpg
4.3.2 Q ₁ M	<i>Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility</i> The University has a policy of upgrading the desktop / laptops every five years. The network upgrade cycle is of 7 to 10 years. Students/teachers/ research scholars are allowed to make use of the 24-hour, 360-day broadband Internet through Wi-Fi connectivity and access the online resources from NPTEL and all other freely available sources. National Knowledge Network connectivity had offered to the University by the central government. The university is connected to NKN network, which provides access to a large number of libraries, online lectures, archived lectures of various IITs, virtual classrooms and many more facilities available under NKN. The internet bandwidth obtained is used for providing internet access from the computers placed in Laboratories. From block-to block optical fibre connectivity has been provided. With the growth of users, IT services and increasing internet bandwidth demand, the university has scaled up the switching capabilities and implemented latest managed wired and Wi-Fi access. The university has implemented private Cloud to provide high quality services to end user and for ease of management. The detail of budgetary provision is given below. • Year of Allocation: 2020-21		

	- Budget Allocated for IT infrastructure: 15.00 (Rupees in Lakhs) - Expenditure for IT infrastructure: 13.99 (Rupees in Lakhs)					
4.3.3 Q _n M	Student - Computer ratio during the year Number of students: 2197 Number of Computers available to students for academic purposes: 729					
4.3.4 Q _n M	Available bandwidth of internet connection in the Institution (Leased line) Options: ≥1 GBPS 500 MBPS - 1 GBPS 250 MBPS - 500 MBPS 50 MBPS - 250 MBPS <50 MBPS • ≥1 GBPS					
4.3.5 Q _n M	Institution has the following Facilities for e-content development 1. Media centre 2. Audio visual centre 3. Lecture Capturing System(LCS) 4. Mixing equipment’s and softwares for editing Options: A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above B. Any 3 of the above					
4.3.5 E-content is developed by teachers						
4.3.5 Institution has the following Facilities for e-content development (5) 1. Media centre 2. Audio visual centre, 3. Lecture Capturing System (LCS) 4. Mixing equipments and softwares for editing						
Name of the teacher	Name of the module developed	Platform on which module is developed	Date of launching e content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility
Dr.Kokila	English-I	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s1_ge01/preview	Sony FX 700 AK(Cinema-model 1)	http://www.niuniv.com/NAAC/Criteria3/3.1/3.1.5/Videos/studio.html

	Prof. Jenusha Ananth Y	Financial Accountin g – I	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s1_cm01/preview	LAPEL Mic	
	Dr. M.C Shibin Tad	Organisati onal Theory and Practice	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s1_hr01/preview	VMIX PC	
	Dr. R. Radhika	Economics for Business Decisions	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s1_cm02/preview	MAC all in one PC with i5, 2GB Graphics card with DaVinci and Final Cat Pro 27" Retina display Monitor	
	Dr.Kokila	English-II	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s2_ge02/preview	ATEM-Televisio n Studio HD Switcher	
	Prof.Jenus ha Ananth Y	Financial Accountin g II	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s2_cm03/preview	APPLE I Mac core i5 (10th Generatio n)(8GB DDR4/25 6GB SSD/ Mac OS Big Sur/4GB GDDR6/2 7" Screen/ MXWT2 HN/A	
	Prof. Deekshith	Business Communic	Moodle		https://online-degree-		

	.D	ation			node1-staging.appspot.com/nic21_07_d01_s2_ge03/preview		
	Prof. Danny Solomon	Environmental Studies	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s2_ge04/preview		
	Prof. Jenusha Ananthy	Advanced Accounting I	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s3_cm04/preview		
	Dr. R. Kavitha Rani	Banking Operations and Modern Banking	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s3_cm05/preview		
	Prof. Kishore J S	Principles of Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s3_mg01/preview		
	Prof. Lija P	Business Statistics	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d01_s3_cm06/preview		
	Dr. Kokila	English-I	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s1_ge01/preview		

	Dr. M.C Shibin Tad	Business Organizati on	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s1_hr01/preview		
	Prof. Kishore J S	Principles of Manageme nt	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s1_mt01/preview		
	Dr. R. Radhika	Business Economics	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s1_fm01/preview		
	Dr.Kokila	English-II	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s2_ge02/preview		
	Prof. Fenin Samuel	Organizati onal Behavior	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s2_hr02/preview		
	Prof.Jenus ha Ananthu	Financial Accountin g	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s2_fm02/preview		
	Prof. Danny Solomon	Environme ntal Science	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s2_fm02/preview		

					ic21_07_d02_s2_ge03/preview		
	Dr. V.P Velmurugan	Financial Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s3_fm03/preview		
	Prof. Deekshith .D	Business Communication	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s3_ge04/preview		
	Dr. Asha. K	Human Resource Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s3_hr03/preview		
	Prof .Danny Solomon	Marketing Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d02_s3_mt02/preview		
	Dr. M.C Shibin Tad	Management Concepts	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s1_mg01/preview		
	Dr. M. Janarthanan Pillai	Economics for Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s1_fm01/preview		
	Prof. Fenin Samuel	Organizational	Moodle		https://online-degree-		

		Behaviour			node1-staging.appspot.com/nic21_07_d03_s1_hr01/preview		
	Dr. V.P Velmurugan	Accounting for Managers	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s1_fm02/preview		
	Dr. Asha. K	Entrepreneurship, Creativity & Innovation	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s1_ge01/preview		
	Prof. Deekshith .D	Marketing Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s2_mt01/preview		
	Dr. V.P Velmurugan	Financial Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s2_fm03/preview		
	Dr.R.Kavitha Rani	Human Resource Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s2_hr02/preview		
	Prof. Fenin Samuel	Production and Operations Management	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s2_om01/preview		

	Dr. M. Janarthana Pillai	Research Methodology	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d03_s2_mg02/preview		
	Ms. C. R. Sheela Kumari	Digital Logic and Computer Organization	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_cs01/preview		
	Dr. R. I. Heaven Rose	Operating System and System Software	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_cs02/preview		
	Ms. Anusha Linda Kostka	Database Management System	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_cs03/preview		
	Dr. M. Victor Jose	Data Structures Using C Programming	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_cs04/preview		
	Dr. P.Nageswari	Operations Research	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_om01/preview		
	Dr. Melbin J Reena	Database Management Systems Laboratory	Moodle		https://online-degree-node1-staging.appspot.com/n		

					ic21_07_d04_s1_cs05/preview		
	Ms Alan Gowri Phivin	Data Structures Using C Laboratory	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s1_cs06/preview		
	Dr.S. Beulah	Data Communication and Networks Programming	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs07/preview		
	Dr.V.G.Ranjith	Object Oriented Programming using Java	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs08/preview		
	Ms.M. Merlin Johnsy	Problem Solving Using Python	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs09/preview		
	Ms.C. V. Muthu Priya.	Software Engineering	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs10/preview		
	Dr.S.Jerine	Cryptography and Network Security	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs11/preview		
	Dr. J. R. Jeba	Programming in	Moodle		https://online-degree-		

		Python Laboratory			node1-staging.appspot.com/nic21_07_d04_s2_cs12/preview		
	Ms Alan Gowri Phivin	Java Programming and Networks Laboratory	Moodle		https://online-degree-node1-staging.appspot.com/nic21_07_d04_s2_cs13/preview		

Key Indicator - 4.4 Maintenance of Campus Infrastructure

Metric No.																	
4.4.1 Q _n M	<i>Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year</i>																
<table><tr><td>Year</td><td colspan="5">2020-2021</td></tr><tr><td>Number</td><td colspan="5">685.48</td></tr></table>						Year	2020-2021					Number	685.48				
Year	2020-2021																
Number	685.48																
4.4.1 Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year																	
<table><tr><td>Year</td><td>Budget allocated for infrastructure augmentation</td><td>Expenditure for infrastructure augmentation</td><td>Total expenditure excluding Salary</td><td>Expenditure on maintenance of academic facilities (excluding salary for human resources)</td><td>Expenditure on maintenance of physical facilities (excluding salary for human resources)</td></tr><tr><td>2020-2021</td><td>152.36</td><td>137.65</td><td>894.98</td><td>603.28</td><td>82.2</td></tr></table>						Year	Budget allocated for infrastructure augmentation	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities (excluding salary for human resources)	Expenditure on maintenance of physical facilities (excluding salary for human resources)	2020-2021	152.36	137.65	894.98	603.28	82.2
Year	Budget allocated for infrastructure augmentation	Expenditure for infrastructure augmentation	Total expenditure excluding Salary	Expenditure on maintenance of academic facilities (excluding salary for human resources)	Expenditure on maintenance of physical facilities (excluding salary for human resources)												
2020-2021	152.36	137.65	894.98	603.28	82.2												
4.4.2 Q _i M	<i>There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</i>																
Noorul Islam Centre for Higher Education constantly focuses on the facilities management in maintenance and utilization of the campus facilities.																	
LABORATORY																	
• Laboratory equipment is cleaned daily by the lab assistants and its proper operation is checked. The cleanliness is ensured by the staff-in-charge of the																	

	laboratory. Malfunction of the equipment, will be reported to the Head of the Department by the staff-in charge of the laboratory. LIBRARY • Library is functional even beyond the working hours of the university. Due date of returning the books is stamped on the attached log sheet. SPORTS COMPLEX • Sports complex includes playgrounds, indoor play halls, gymnasium and yoga centre. Students can use the play materials only with the consent of the Physical Director. COMPUTER MAINTENANCE • Students and research scholars are instructed to enter their details in the equipment usage register before logging in to the computer. Any malfunction of the computer, will be reported to the lab assistant / staff-in-charge. Status card is pasted on every computer. CLASSROOMS • The cleanliness of classrooms, staffrooms and seminar halls is ensured by the supervisor. Smart classroom is utilized only with the knowledge of the faculty-in-charge, with an entry in the smart classroom usage register.
--	--

Criterion V - Student Support and Progression

Key Indicator - 5.1 Student Support

Metric No.																																					
5.1.1 Q _n M	<i>Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the year (other than the students receiving scholarships under the government schemes for reserved categories)</i>																																				
<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>561</td></tr></table>											Year	2020-2021	Number	561																							
Year	2020-2021																																				
Number	561																																				
<table><tr><th rowspan="2">Year</th><th rowspan="2">Name of the scheme</th><th colspan="2">Number of students benefited by Government scheme and amount</th><th colspan="2">Number of students benefited by institution scheme and Amount</th><th colspan="3">Number of students benefited by the Non government agencies (NGOs) and Amount</th><th rowspan="2">Link to relevant document</th></tr><tr><th>Number of Student</th><th>Amount</th><th>Number of Student</th><th>Amount</th><th>Number of Student</th><th>Amount</th><th>Name of the NGO/agency</th></tr><tr><td>2020-2021</td><td>BC/MBC/SC/ST/Central/PM/Farmer/M</td><td>64</td><td>14,56,000</td><td>497</td><td>1114300</td><td>Nil</td><td>Nil</td><td>Nil</td><td>http://www.niuniv.com/NAAC/Criteria5/5.1.1/20202021StudentCount.pdf http://www.niuniv.com/NAAC/Criteria5/5.1.1/2020ExternalAudit.pdf</td></tr></table>											Year	Name of the scheme	Number of students benefited by Government scheme and amount		Number of students benefited by institution scheme and Amount		Number of students benefited by the Non government agencies (NGOs) and Amount			Link to relevant document	Number of Student	Amount	Number of Student	Amount	Number of Student	Amount	Name of the NGO/agency	2020-2021	BC/MBC/SC/ST/Central/PM/Farmer/M	64	14,56,000	497	1114300	Nil	Nil	Nil	http://www.niuniv.com/NAAC/Criteria5/5.1.1/20202021StudentCount.pdf http://www.niuniv.com/NAAC/Criteria5/5.1.1/2020ExternalAudit.pdf
Year	Name of the scheme	Number of students benefited by Government scheme and amount		Number of students benefited by institution scheme and Amount		Number of students benefited by the Non government agencies (NGOs) and Amount			Link to relevant document																												
		Number of Student	Amount	Number of Student	Amount	Number of Student	Amount	Name of the NGO/agency																													
2020-2021	BC/MBC/SC/ST/Central/PM/Farmer/M	64	14,56,000	497	1114300	Nil	Nil	Nil	http://www.niuniv.com/NAAC/Criteria5/5.1.1/20202021StudentCount.pdf http://www.niuniv.com/NAAC/Criteria5/5.1.1/2020ExternalAudit.pdf																												

		inority /Poor/Mer it							http://www.niuniv.com/NAAC/Criteria5/5.1.1/2020InsScheme.pdf																															
5.1.2 Q _n M	Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year																																							
<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>150</td></tr></table>									Year	2020-2021	Number	150																												
Year	2020-2021																																							
Number	150																																							
<table><tr><th rowspan="2">Year</th><th colspan="2">Name of the Activity conducted by the HEI to offer guidance for competitive examinations offered by the institution during the year</th><th colspan="2">Name of the Activity conducted by the HEI to offer guidance for career counselling offered by the institution during the year</th><th rowspan="2">Number of students placed through campus placement</th><th rowspan="2">Link to the relevant document</th></tr><tr><th>Name of the Activity</th><th>Number of students attended / participated</th><th>Details of career counselling</th><th>Number of students attended / participated</th></tr><tr><td>2020-2021</td><td></td><td></td><td>Overseas Prospects in Higher Education by Dr. C. Selvamony,ME, MBA, PhD, Managing Director, ACS International Educational Consultancy, Nagercoi</td><td>27 Students</td><td></td><td></td></tr><tr><td>2020-2021</td><td>Industrial Training on Safety in Constructions by Mr. Prakash .R, EHS Projesct Head, L & T Construction, Chennai</td><td>40 Students</td><td colspan="2"></td><td></td><td></td></tr><tr><td>2020-2021</td><td>10-Weeks Online Training Programme</td><td>86 Students</td><td colspan="2"></td><td></td><td></td></tr></table>									Year	Name of the Activity conducted by the HEI to offer guidance for competitive examinations offered by the institution during the year		Name of the Activity conducted by the HEI to offer guidance for career counselling offered by the institution during the year		Number of students placed through campus placement	Link to the relevant document	Name of the Activity	Number of students attended / participated	Details of career counselling	Number of students attended / participated	2020-2021			Overseas Prospects in Higher Education by Dr. C. Selvamony,ME, MBA, PhD, Managing Director, ACS International Educational Consultancy, Nagercoi	27 Students			2020-2021	Industrial Training on Safety in Constructions by Mr. Prakash .R, EHS Projesct Head, L & T Construction, Chennai	40 Students					2020-2021	10-Weeks Online Training Programme	86 Students				
Year	Name of the Activity conducted by the HEI to offer guidance for competitive examinations offered by the institution during the year		Name of the Activity conducted by the HEI to offer guidance for career counselling offered by the institution during the year		Number of students placed through campus placement	Link to the relevant document																																		
	Name of the Activity	Number of students attended / participated	Details of career counselling	Number of students attended / participated																																				
2020-2021			Overseas Prospects in Higher Education by Dr. C. Selvamony,ME, MBA, PhD, Managing Director, ACS International Educational Consultancy, Nagercoi	27 Students																																				
2020-2021	Industrial Training on Safety in Constructions by Mr. Prakash .R, EHS Projesct Head, L & T Construction, Chennai	40 Students																																						
2020-2021	10-Weeks Online Training Programme	86 Students																																						

		Integrated knowledge in Software by Mr.K. Malaiappan, Senior Full Stack Developer, Tata Consultancy Services, Chennai				
5.1.3 Q _n M	<i>Following Capacity development and skills enhancement initiatives are taken by the institution</i> 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology Options: A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above C. Any 2 of the above					
5.1.4 Q _n M	<i>The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</i> • Implementation of guidelines of statutory/regulatory bodies • Organisation wide awareness and undertakings on policies with zero tolerance • Mechanisms for submission of online/offline students' grievances • Timely redressal of the grievances through appropriate committees Options: • All of the above • Any 3 of the above • Any 2 of the above • Any 1 of the above • None of the above Answer: Any 3 of the above					

Key Indicator - 5.2 Student Progression

Metric No.	
5.2.1 Q _n M	<i>Number of students qualifying in state/ national/ international level examinations during the year (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations)</i> 5.2.1.1: Number of students who qualified in state / national / international examinations (e.g.: IIT/JAM/NET/SET/JRF/GATE/GMAT/CAT/GRE/TOEFL/Civil

	Services/State government examinations) during the year: <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>6</td></tr> </table> 5.2.1.2: Number of students who appeared in state/ national/ international examinations (e.g.: IIT/JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year: <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>11</td></tr> </table> Data Requirement: Number of students who cleared • IIT-JAM • NET • SET • JRF • GATE • GMAT • CAT • GRE • TOEFL • Civil Services • State Government examinations	Year	2020-2021	Number	6	Year	2020-2021	Number	11
Year	2020-2021								
Number	6								
Year	2020-2021								
Number	11								
5.2.2 Q _n M	Total number of outgoing students placed during the year <table> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>9</td></tr> </table>	Year	2020-2021	Number	9				
Year	2020-2021								
Number	9								
5.2.3 Q _n M	Number of recently graduated students who have progressed to higher education during the year <table> <tr> <td>Year</td><td>2021-2021</td></tr> <tr> <td>Number</td><td>23</td></tr> </table>	Year	2021-2021	Number	23				
Year	2021-2021								
Number	23								

Key Indicator - 5.3 Student Participation and Activities

Metric No.	
5.3.1 Q _n M	Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national/international events (award for a team event should be counted as one) during the year

		<table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>0</td></tr></table>	Year	2020-2021	Number	0				
Year	2020-2021									
Number	0									
5.3.2 Q ₁ M	<i>Presence of Student Council and its activities for institutional development and student welfare.</i> The NICHE students’ council has the following members in the year 2020-’21: ○ Dr. A.K. Kumaraguru , Vice Chancellor, NICHE - Chairman ○ Dr. J. Charles, Director, Student Affairs – Convener ○ Dr. R. Dharmaraj, Director of Physical Education – Co-Convener ○ C.D. Aswanth– President ○ Ashik Shajahan– Vice President (male) ○ Reshma S. L- Vice President (female) ○ Abdulla Ibrahim– Secretary ○ Rajesh S.– Joint Secretary Executive Committee Members: ○ Jameela Rani ○ Anisha S.M. ○ Ismail A.J ○ Hiran V, ○ Mohamed Sithick S ○ Liju J.L ○ Fathima Noufiya The first students’ council meeting for the academic year 2020-21 was held on 13th August, 2020 at Seminar Hall, A118. Mr. Aswanth C. D., President of students’ council welcomed the gathering. The method to represent the views of the students to the management, promotion of good communications and rapport between students and staff was discussed. The meeting ended up with vote of thanks by Ms. S. L. Reshma, Vice president of students’ council.									
5.3.3 Q _n M	<i>Number of sports and cultural events / competitions organised by the institution during the year</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>1</td></tr></table> <table><tr><td>Date of event/competition (DD-MM-YYYY)</td><td>Name of the event/competition</td></tr><tr><td>19th and 20th March 2021</td><td>District Level Volley ball Tournament meet</td></tr></table>	Year	2020-2021	Number	1	Date of event/competition (DD-MM-YYYY)	Name of the event/competition	19 th and 20 th March 2021	District Level Volley ball Tournament meet	
Year	2020-2021									
Number	1									
Date of event/competition (DD-MM-YYYY)	Name of the event/competition									
19 th and 20 th March 2021	District Level Volley ball Tournament meet									

Key Indicator – 5.4 Alumni Engagement

Metric No.	
-------------------	--

5.4.1 Q₁M	<i>The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year</i> The institution has a registered Alumni Association with registration number SRG/Kanniyakumari/85. The following activitieswere held during the academic year 2020-'21. i) Our alumni Mr. Filson Salij working as Safety trainee, Ship Industry Repair Section at Cochin Shipyard has taken a sessionunder the title “Outlook on safety aspects in ship repair and ship buildings” on 19th July 2020 for the online FDP held during 15th to 19th July 2020. ii) Dr. S. Anto, Associate Professor, Vellore Institute of Technology, Vellore, alumni of the department of Electrical and Electronics Engineering conducted a webinar on ‘Machine Learning and its Applications - An Overview’ for the students on 03.08.2020. iii) The department of EEE conducted a five days FDP on “Recent Advances in Power Electronics” in association with Noorul Islam Alumni Association from 23.09.2020 to 29.09.2020 where all the resource persons are our alumni.iv) Dr. Shaja Arul Selvamani, alumni of department of Computer Science and Engineering was the resource person for the virtual workshop on “Practical Deep Learning” held on 01.02.2021.
5.4.2 Q_nM	<i>Alumni contribution during the year(INR in lakhs)</i> Options: A. ≥ 100 Lakhs B. 50Lakhs - 100 Lakhs C. 20 Lakhs - 50 Lakhs D. 5 Lakhs - 20 Lakhs E. <5 Lakhs Nil

Criterion VI – Governance, Leadership and Management

Key Indicator - 6.1 Institutional Vision and Leadership

Metric No.	
6.1.1 Q _M	<i>The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance</i> Vision: Vision of the University is to be recognized by the Government and society at large as an institution able to deliver excellence with relevance in the field of higher education and research focusing on the needs of the nation in tune with the technological revolution to cope with the knowledge explosion and global competence. Mission: To develop the institution as a Centre of Excellence, keeping pace with the advances in the field, so as to provide quality higher education to the students and instill high standards of discipline and ethics so that they become enlightened individuals in the service of humanity and to carry out focused research in the frontier areas of science and technology. The vision and mission of Noorul Islam Centre for Higher Education (NICHE), a pioneering institution in south India are clearly reflected in academic and administrative governance. ○ The vision and mission of each department are aligned with the vision and mission of the institution. ○ The institution follows a democratic and participatory mode of governance with all stakeholders participating actively in its administration. ○ The rules for administration of the institution are designed in accordance with the norms of UGC, AICTE, and State Government local bodies.
6.1.2 Q _M	<i>The effective leadership is reflected in various institutional practices such as Decentralization and participative management.</i> NICHE promotes decentralization and participative management by involving faculty members in various academic, research and administrative bodies. ○ The different academic and administrative committees meet periodically and work as per their objectives resulting in the smooth and transparent functioning of the University in tune with the UGC Regulations. ○ The Vice-Chancellor is the Academic Head of the University. He presides over the meetings of all the authorities of the University and with the help of the various staff committees / cells and officers of the University ensures proper implementation of the decisions of the authorities. ○ Various committees have been formed for decentralization and delegation of powers. The scope and functions of various committees and the roles and responsibilities of all the teaching, non-teaching staff

	are clearly defined as per the policies approved by the Board of Management. ○ The Heads of Departments, the Conveners of various committees and cells along with the staff representatives in higher decision-making bodies play an important role in determining the policies and implementing the same. ○ Academic related matters of departments are discussed in Class Committee, Course Committee and Programme Committee Meetings. Curriculum and syllabus related matters are discussed and decided through Boards of Studies (BOS).
--	--

Key Indicator - 6.2 Strategy Development and Deployment

Metric No.	
6.2.1	<i>The institutional Strategic plan is effectively deployed.</i>
Q _M	Strategic Plan: NICHE believes that for any institution to grow and develop, it should have a strategic planning system. NICHE also extends control mechanism to guide implementation of the following strategic activities. ○ Focusing on Outcome Based Education ○ Enhancing research capabilities and outcomes ○ Strengthening collaboration with industry in Research ○ Consultancy, Training and Internships ○ Establishment of Incubation Centre Strategic Plan Deployment - Outcome Based Education: NICHE is successfully deploying Outcome Based Education (OBE) strategy. Outcome-Based Education is a student-centric teaching and learning methodology in which the course delivery and assessment are planned to achieve stated objectives and outcomes. The OBE model measures the progress of the graduate in terms of parameters like: ○ Graduate Attributes (GAs) are exemplars of the attributes expected out of a graduate from an accredited programme. ○ Programme Educational Objectives (PEOs) are broader objectives that are aligned with the vision-mission statement of the department. ○ Programme Outcomes (POs) are expertise developed after completion of the programme. POs are expected to be aligned closely with Graduate Attributes. ○ Programme Specific Outcomes (PSOs) are statements that describe what the graduates of a specific programme should be able to do. ○ Course Outcomes (COs) are the description of knowledge and skills acquired via course/curriculum/syllabi.

6.2.2 QM	<i>The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.</i> The NICHE has a clearly defined organizational hierarchy and structure to support decision making processes that are clear and consistent with its vision and mission and support effective decision making. The UGC regulations on deemed universities till 2019 and the Various Memorandum of Associations (MOAs)/rules approved by the UGC provide for various statutory authorities of the University and provide policy framework and direction for the functioning of the University and for the fulfilment of its vision mission and objectives. ○ The various committees and boards constituted are the Board of Management, High-Power Committee, Advisory Committee, Academic Council, Finance Committee, Planning and Monitoring Board, Boards of Studies, Examination Committees, Board for Research and Consultancy, Anti Ragging Committee, Internal Complaints Committee, Grievance Redressal Committee, Committee against Sexual Harassment, Committee for SC/ST and Hostel Advisory and Monitoring Committees. ○ External members are part of various councils, committees for enhancing the broader base and bringing transparency and fairness to the system. The service rules and promotional policies of the UGC applicable for the deemed universities and that of the Tamil Nadu State Government are followed as amended from time to time.
6.2.3 Q_nM	<i>Institution Implements e-governance in its areas of operations</i> 6.2.3.1 e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination Options: A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above A. All of the above

Key Indicator - 6.3 Faculty Empowerment Strategies

Metric No.	
------------	--

6.3.1 Q_iM	<i>The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff</i> Performance Appraisal System: Appraisal of the faculty is made as per the University Grants Commission (UGC) regulations on minimum qualifications for appointment of teachers and other academic staff in Universities and Colleges. Based on the above, the University has introduced teaching learning evaluation, personal development related to teaching learning, administrative support and student support activities and Academic Performance Indicatorssystem for teachers. Every non-teaching staff member appointed in NICHE is based on the Assessment of Work Output, Personal Attributes and Functional Competency. Promotional Avenues: The promotions are given based on the performance and the promotion to the next level is made as and when the performance is proved and the experience is gained as per the norms of the UGC/ AICTE. Welfare Measures: The teaching and non-teaching staff have been extended with all the statutory welfare schemes: ○ The staff members are provided with extended welfare benefits of contributory Provident Fund, Gratuity, Employee State Insurance and other insurance schemes as may be applicable in accordance with the law. ○ The children of the staff members are provided with concessional fees and liberal admissions, wherever applicable. ○ Staff Welfare Association - NISWA (Noorul Islam Centre for Higher Education Staff Welfare Association)																
6.3.2 Q_nM	<i>Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year</i> <table><tr><td>Year</td><td>2020-2021</td></tr><tr><td>Number</td><td>0</td></tr></table> <table><tr><th>Year</th><th>Name of teacher</th><th>PAN</th><th>Name of conference/ workshop attended for which financial support provided</th><th>Name of the professional body for which membership fee is provided</th><th>Amount of support</th></tr><tr><td>2020-2021</td><td>NIL</td><td>NIL</td><td>NIL</td><td>NIL</td><td>NIL</td></tr></table>	Year	2020-2021	Number	0	Year	Name of teacher	PAN	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	2020-2021	NIL	NIL	NIL	NIL	NIL
Year	2020-2021																
Number	0																
Year	Name of teacher	PAN	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support												
2020-2021	NIL	NIL	NIL	NIL	NIL												

6.3.3

Q_nM

Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

Year	2020-2021
Number	10

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
20.08.2020	Webinar on undersatanding national educational policy 2020		512
24.8.2020 to 28.8.2020	Webinar on undersatanding national educational policy 2020		100
07.01.2021 to 09.01.2021	Workshop on “Python Programming”		150
01.02.2021 to 05.02.2021	Workshop on “Practical Deep Learning”		73
3.3.2021	Importance of hearing Preservations		25
20.03.2021	World down Syndrome Awareness Day		25
16.04.2021	World Voice Day		25
11.06.2021	Virtual Webinar on Machine Learning with MATLAB		280
	Industrial Safety Concepts and Techniques(online		150
15.07.2020 - 19.07.2020	Electrical Design and Safety		60
16.02.2021	ROAD SAFETY AWARENESS CAMP		55
10.05.2021 - 11.05.2021	Introductory to Industrial Safety		60
12.05.2021	overview of Electrical system and safety		52
24.05.2021	overview of Process Safety Management"		56
25.05.2021	Occupational Health and Safety		60
26.05.2021 - 27.05.2021	Emergency Life Support and COVID Awareness		56
21.4.2021	Online Workshop on		77

		Patent Awareness		
	6.7.2020 - 10.7.2020	Online FDP on Emerging Technologies in IT Industry-2020		77
	02.06.2021	Career Opportunities in Physics		484
	05.06.2021	Opportunities and Approaches to get National and International Fellowship		666
	21.06.2021	Overseas Opportunities For Higher Education and Research		198
	28.06.2021	Statistics in Research Data Analysis		201

6.3.4

Q_nM

Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year

(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)

Year	2020-2021
Number	93

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
I.James Dhinakaran Williams	Strength of Material	06.07.2020 - 10.07.2020
Dr.R.S.Ganesh	FDP on Emerging Technologies in IT Industry	06-07-2020 to 10-07-2020
Dr. B. Bavanish	FDP – Industrial Safety Concepts and Techniques	15-07- 2020 - 19.07.2020
Dr. Rajesh R	Industrial Safety - Concepts and Techniques	15-07- 2020 - 19.07.2020
Dr.R.Chitra	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr.R.Kalaiselvi	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr. Kumaran U	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr.S. Vinila Jinny	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr. C. P. Maheswaran	Artificial Intelligence	18-01-2021 to 22-01-2021
Dr.J.E.Judith	AICTE sponsored Two week FDP on Identification of Cyber Criminal Suspects using Data Analytical Techniques and R Studio Software	14-06-2021 to 27-06-2021
Dr.A. Anitha	Practical Deep Learning	01-02-2021 to 05-02-2021
G. Venifa Mini	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr.Suji Pramila	Deep Learning Techniques for Ambient Intelligence and Smart Environment - III	07-12-2020 to 12-12-2020
Dr.P.Venkadesh	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr.A M Anusha Bamini	Practical Deep Learning	01-02-2021 to 05-02-2021
Dr.N.Ramasamy	Nanomaterial Synthesis, Process chacterization and its Functional Applications	6-07-2020 - 11-07-2020
Dr.G.M.Joselin Herbert	Recent developments in solar energy recovery and storeage technologies	3-08-2020 - 8-8-2020
Dr.N.Abilash	Advanced Materials,	6-7-2020 - 10-07-2020

		machining and chacterization	
	Raja.S	Advanced Materials, machining and chacterization	6-7-2020 - 10-07-2020
	Dr.P.Jerold Jose	Industrial safety- concepts and techniques	15-07-2020 - 19-07-2020
	S.Selvan Nambi	Research innovations in mechanical engineering RIME-2K20	13-07-2020 - 17-07-2020
	K.Eqbert	Thermal Management of electronics	27-07-2020 - 28-07-2020
	Dr. B. Bindhu	Five Days Faculty Development Programme on Green Technology and Sustainability Engineering	05-07-2021 to 09-07-2021
	Dr. V.N. Meena Devi	One week online FDP on NEP 2020: Inculcating research culture in teaching and learning proces	22-02-2021 to 26-02-2021
	Dr.R.Ganapathi Raman	FDP on Academic Leadership and Management Of Technical Education	17-05-2021 to 21-05-2021
	Dr. N.Y. Sugirtha Suni	“Faculty Development Program - Emerging Areas of Research in Science Environment”	05.06.2021 & 07.06.2021
	Mrs. I. Mani Prabha	Two days Online Workshop On Universal Human ValuesFaculty development program on "Emerging Aero Technologies"	10-06-2021 to 11-06-2021
	Dr.L.M.Karthikeyan	Two days Online Workshop On Universal Human ValuesFaculty development program on "Emerging Aero Technologies"	From 07-06-2021 to 10-06-2021
	Dr. M. Immaculate Mary	Two Week Faculty Development Programme on “Research Advances inMathematics and its Applications	02-08-2021 to 14-08-2021
	Dr.P.B.Sarasija	Five Days Faculty Development Program on Mathematical Tools	21-06-2021 to 25-06-2021

	Dr.K.Uma Samundesvari	Application of Mathematics and Programming in Science and Technology	01-06-2021 to 11-06-2021
	Dr. R. Binthiya	Five Days Faculty Development Program on Mathematical Tools	21-06-2021 to 25-06-2021
	Dr.P.Nageswari	Five Days Faculty Development Program on Mathematical Tools	21-06-2021 to 25-06-2021
	Dr.K.Uma Devi	Five Days Faculty Development Program on Mathematical Tools	21-06-2021 to 25-06-2021
	Dr. D. Sheeba Singh	Learning Management systems and Open Educational Resources	04-11-2020 to 10-11-2020
	Dr.M.Sudha	Five days Faculty Development Program on" Mathematical Tools"	21-06-2021 to 25-06-2021
	G.Victor Jeya Chandra	Five days Faculty Development Program on" Mathematical Tools"	21-06-2021 to 25-06-2021
	P. Jeba Sheeja	Five days Faculty Development Program on" Mathematical Tools"	21-06-2021 to 25-06-2021
	Dr.R.Mathusoothana. S.Kumar	Emerging Technologies in IT Industry (FDP)	06-07-2020 to 10-07-2020
	Dr.S.Maria Celestin Vigila	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.S.Palanikumar	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.V.Mary Amala Bai	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.T.Brindha	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.D.R.Denslin Braja	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.Y.Jeyasheela	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.M.B.Jeyalakshmi	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.T.V.Sindia	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.S.V.Divya	Emerging Technologies in IT Industry(FDP)	06-07-2020 to 10-07-2020
	Dr.V.G.Ranjith	FDP on CyberSecurity Vulnerabilities & Safeguards	12.07.2021 - 16.07.2021
	Dr.Melbin.J.Reena	Webinar on IT Tools and	24.05.2021 - 27.05.2021

		Applications	
	Dr.J.R.Jeba	Digital Teaching Techniques	29.06.2020 to 04.07.2020
	Dr. S.Beulah	Online workshop on “Data Science Using R” organised by St. Xaviers Catholic college of Engineering, Chunkankadai	20/07/2020 to 25/07/2020
	Dr. M.Victor Jose	Five day virtual national level workshop on Practical Deep learning	1-2-2021 to 5-2-2021
	M. Merlin Johnsy	National Education policy:2020 and Higher Education in India	24-05-2021 to 29-05-2021
	Ms.V.Alan Gowri Phivin	A.I Exploring Tools for Machine learning	12-06-2021 to 13-06-2021
	Dr. S. Albert Jerome	FDP on "Emerging Technologies in IT 2020"	6/7/2020 to 10/7/2020
	S. Mathan Kumar	Challenges in Civil Engineering	13/07/2020 - 18/07/2020
	Ajin N	Challenges in Civil Engineering	13/07/2020 - 18/07/2020
	Bindhu V.S	Applications of tools and techniques in research methodology	03-07-2020 to 07-07-2020
	Tibbie pon symon.V.A	Recent Advances in power electronics	23-09-2020 to 29-09-2020
	Sujatha Therese.P	Trends in Computer Science and Information Technology	29-06-2020 to 04-07-2020
	ARUL LINSELY.J	Recent Advances in power electronics	23-09-2020 to 29-09-2020
	S. Anitha Janet Mary	Five Days Faculty Development Programme titled Recent Advances in Power Electronics“	23-09-2020 to 29-09-2020
	M.P.FLOWER QUEEN	Recent Advances in power electronics	23-09-2020 to 29-09-2020
	MUTHUVEL K	Recent Advances in power electronics	23-09-2020 to 29-09-2020
	D.M.Mary Synthia Regis Prabha	Recent Advances in power electronics	23-09-2020 to 29-09-2020
	J. Mathi Vathani	How to write and publish a scientific paper	4 Weeks (Sept 2020 - Oct 2020)
	Dr. M. Ilankumaran	Online International Faculty Development Program	5 days, 8th June 2020 to 12th June 2020
		Nanomaterial Synthesis,	

	Dr.M.Murugan	Process, Characterisation and its Functional Applications	06-07-2020 to 11-07-2020
	Mrs. Arya Shankari.S	FDP- Emerging Technologies in IT Industry 2020	06-07-2020 to 10-07-2020
	Ms.B.S.Deepa Priya	FDP- Emerging Technologies in IT Industry 2020	06-07-2020 to 10-07-2020
	Mrs. J. P. Janu	FDP - Advanced opportunities and implicit research technologies in sciences	07-06-2021 to 12-06-2021
	Dr.J.Raja Brindha	FDP- Emerging Technologies in IT Industry 2020	06-07-2020 to 10-07-2020
	Dr. N. C. J. Packia Lekshmi	FDP - Advanced opportunities and implicit research technologies in sciences	07-06-2021 to 12-06-2021
	Dr. Janaki M C	Recent advances in power electronics	23-09-2020 to 29-09-2020
	Mrs. Ashline Jeba T	FDP - Emerging Technologies in IT Industry 2020	06-07-2020 to 10-07-2020
	Dr. G. Arockia Selva Saroja	FDP On 'Trends and Technologies in Digital Era'	27/07/2020 to 31/07/2020
	Dr. M. Antilin Princela	Smart materials and Sensors: Current updates and Future perspectives(FDP)	10-07-2020 to 14-07-2020
	Mrs. M. E. H. Edinsha Gladis	Research Methodology	26-4-2021 to 1-5-2021
	Mrs. D. Arthi	Smart materials and Sensors: Current updates and Future perspectives(FDP)	10-07-2020 to 14-07-2020
	Mrs. J. Michael Ahitha Jose	Research Methodology	26-4-2021 to 1-5-2021
	Dr. P. K. Praseetha	Prparing Young Minds to Becoem Professional	17.08.2020 to 22.08.2020
	Dr. R. S. Rimal Isaac	Sensor Technology	17.08.2020 to 21.08.2020
	Dr. Velmurugan V P	Cyber Security Trends and Applications	15/7/20 - 21/7/20
	Dr. B. Stanly Jones Retnam	FDP Titled Industrial Safety - Concepts and Techniques	15th to 19th July 2020
		FDP Titled Industrial	

	Dr. J. Edwin Raja Dhas	Safety - Concepts and Techniques	15th to 19th July 2020
	S. S. Kumar	AICTE Training And Learning (ATAL) Academy Online FDP on "Recent Trends and Applications in Biomedical Signal and Image Processing"	21-9-2020 to 25-9-2020
	V. Amsaveni	FDP on Industry 4.0 Technologies for growth and momentum	24-08-2020 to 28-8-2020
	D. Menaka	FDP on Industry 4.0 Technologies for growth and momentum	24-08-2020 to 28-8-2020
	R. J. Manju	FDP on Industry 4.0 Technologies for growth and momentum	24-08-2020 to 28-8-2020
	R. Sarath	FDP on Industry 4.0 Technologies for growth and momentum	24-08-2020 to 28-8-2020
	S. Felix Stephen	FDP on Industry 4.0 Technologies for growth and momentum	24-08-2020 to 28-8-2020
	S. Felix Stephen	FDP on "Thermal Engineering"	5-2021 to 11-5-2021
	S. Binu Sathiya	5 days Workshop on Linux	10-5-2021 to 14-5-2021

Key Indicator – 6.4 Financial Management and Resource Mobilization

Metric No.					
6.4.1 Q _M	<i>Institutional strategies for mobilisation of funds and the optimal utilisation of resources</i> NICHE mobilizes the resources in the following: ○ The required funds are mobilized from the internal and external sources. ○ Tuition fee and amenities, Convocation, bookstore fee are charged from the students. ○ Fees are charged for providing services like bus, marine training, periodicals, placement, medical, maintenance, hostel and miscellaneous services. ○ Funds are mobilized from the Alumni registration and donations are received. ○ Consultancy fee is charged for offering paid consultancy. ○ Contingency charges from the projects from Government and Non-Government agencies are generated by operating projects. ○ Incomes are earned from endowments, interest received, from letting the equipments, disposal of wastes, and subletting charges for the scientific equipment etc. Further NICHE is planning to mobilize the resources by getting more projects, publication, conference grants, conducting fairs, exhibitions, offering more consultancies and also by offering faculty development programmes, training programmes, Open and Distance Learning and online programmes and technology sharing fees. Optimal utilization of resources:- The funds generated are optimally utilized by following the strategies as stated. ○ Financial control is maintained by the finance committee, Board of Management and other sub committees. ○ Recurring and non-recurring expenses are periodically monitored and controlled. ○ Periodical internal and external auditing are done for containing any pilferages or unnecessary expenses.				
6.4.2 Q _{nM}	<i>Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)</i> <table border="1"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>Nil</td></tr> </table>	Year	2020-2021	Number	Nil
Year	2020-2021				
Number	Nil				

6.4.3 Q_nM	<i>Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)</i> <table border="1" data-bbox="667 405 1131 526"> <tr> <td>Year</td><td>2020-2021</td></tr> <tr> <td>Number</td><td>Nil</td></tr> </table>	Year	2020-2021	Number	Nil
Year	2020-2021				
Number	Nil				
6.4.4 Q_iM	<i>Institution conducts internal and external financial audits regularly</i> Internal Financial Audit is conducted by the designated staffmembers regularly throughout the financial period. ○ The entire financial are checked regularly by the Internal Audit Wingthroughout the financial period. ○ The Cashless Fee collection modes like are verified with the concerned bank transactions. External Statutory Financial Audit is conducted byChartered Accountant every year within the statutory limit. The External Audit is carried out as per the legal provisions of the Tamilnadu Societies Registration Act and considering the provisions of Income Tax Act. The Accounts are audited as per Indian Generally Accepted Accounting Principles, Accounting standards and Auditing Standards issued by Institute of Chartered Accountants of India. ○ The entire financial transactions are examined periodically. ○ The doubts/objections, if any, in the transactions are cleared before the completion of audit for the financial year concerned. ○ The auditor issues Audit Report duly verified with the state of Affairs of the Balance Sheet of the Institution for the financial year and the net surplus or loss for the period under audit. ○ An audited financial statement contains Balance Sheet, Income and Expenditure Accounts, Receipts and Payments Accounts and Funds flow statements with detailed schedules. The external financial (2020 -21) audit report was dated 23/09/2021				

Key Indicator - 6.5 Internal Quality Assurance System

Metric No.	
6.5.1 Q_iM	<i>Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of</i>

	<i>operations and learning outcomes at periodic intervals</i> The IQAC of NICHE advocated that Outcome Based Education be used in the University's learning system. Outcome-based education focuses on organizing each component of an educational system around a set of objectives or results. Outlining what you want your pupils to be able to accomplish at the conclusion of the program. ○ Seeing whether the kids are capable of doing what is asked of them. ○ Demonstrate fundamental Outcome Based Education concept, evaluation, and understanding of contemporary concerns. ○ Foreign language studies investigate students' ability to communicate on a global scale. This improves the student's employability and distinguishes them. There are several cognitive advantages to studying languages. Multilingual people have better memory, problem-solving, and critical-thinking abilities, as well as better focus and the capacity to multitask. ○ The IQAC of NICHE organized a MOOC course, SWAYAM) as part of the National Programme on Technology Enhanced Learning (NPTEL) online courses for students and employees. The participants' knowledge and skill levels are improved as a result of this training. They get in-depth knowledge of topics as well as a thorough understanding of ideas. On a national and international basis, this training increases the quality of students and employees.
6.5.2 Q_nM	<i>Institution has adopted the following for Quality assurance</i> 1. Academic Administrative Audit (AAA) and follow up action taken 2. Conferences, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4. Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6. Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) Options: A. Any 5 or all of the above B. Any 4 of the above C. Any 3 of the above D. Any 2 of the above E. Any 1 of the above B. Any 4 of the above
6.5.3 Q_iM	<i>Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)</i> Centre for Advanced Computing and Robotics (CACR) and Satellite Technology The Advanced Cloud Computer Infrastructure and the Humanoid Robotics Laboratory, both of which are important components of future computing

	technology. By breaking down boundaries and bringing in cutting-edge technology, NICHE has taken a significant step forward in introducing the world of technology to young engineers. NICHE is one of the universities in south India that has a live private cloud infrastructure with remote access available 24 hours a day, seven days a week. A specialized NICHE team is in charge of the whole design and development process. The Robotics Laboratory at CACR features a humanoid ROBOT SANBOT, and the client machines there are equipped with the INTEL Artificial Intelligence (AI) suite Open Visual Inference and Neural Network Optimization (OpenVINO). The Centre for Satellite Technology and Applications is developing Nano Satellites with the help of students and faculty, as well as industrial collaboration with other leading research organizations across the country, in order to continuously monitor the Indian landmass and assist disaster managers by providing timely data during the onset of a Disaster Many practical payloads for Nano Satellite applications are being achieved thanks to shrinking in electronics, Nanotechnology, and the availability of Commercial-off-the-Shelf (COTS) components.
--	---

Criterion VII - Institutional Values and Best Practices

Key Indicator - 7.1 Institutional Values and Social Responsibilities

Metric No.	
	Gender Equity
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the year With a strong ethical work culture based on inclusivity, NICHE observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender. Safety, security and well-being, along with gender equity and friendly working atmosphere are matters of prime concern at NICHE. Gender sensitization is inherent in the cultural ethos of the institute as is evident from the following: Safety & Security The institute has taken the following safety and security measures : • Anti-Ragging Committee and Anti -sexual Harassment Committee have been constituted on the guidelines of UGC and AICTE. • Institute has installed CCTV Cameras at different locations for monitoring any harassment against female students. • Women's Empowerment Committee has been constituted to empower women. • Awareness programs on Women Empowerment are conducted once in a year. Counselling The girls are encouraged through counselling to participate in activities like Annual Social Gathering, NSS, Sports etc. • Women's Empowerment Cell and Women's Empowerment Programs are meant to develop confidence among the girls. • The Student Mentoring System addresses and takes care of the safety, security and well-being of female students. Common Rooms • Common Waiting Room and Separate Health Centre for girls are available.
	Environmental Consciousness and Sustainability

7.1.2 Q_nM	<i>The Institution has facilities for alternate sources of energy and energy conservation</i> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power-efficient equipment Options: A. Any 4 or All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above A. Any 4 or All of the above
7.1.3 Q_iM	<i>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste</i> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management Solid Waste Management • Biodegradable waste is allowed to decompose systematically over a period of time and used as manure for the gardens. Non biodegradable wastes are dumped into dumping yards and safely disposed off periodically. • Usage of plastic bags is banned. • Dustbins are provided throughout the campus. Biogas plant A Bio Gas Plant installed in the Gents Hostel. Feed materials for this plant are organic wastes such as cow dung, food, vegetable and other organic wastes from the gents' hostels. Biogas produced is used for cooking and heating in the hostels. Vermi Composer Biodegradable wastes like food waste, vegetable peels, and leaf litter are converted into vermicompost. Liquid waste management Two Sewage Treatment Plants (STPs) in our ladies and gents hostel. E-waste management • Some E –Wastes are used for technical education purpose as hardware in laboratories for display. • Other E-wastes are disposed of as per the guidelines of the central and state governments.

	Waste recycling system A sewage treatment plant is installed for treating and recycling sewage water. Hazardous chemicals and radioactive waste management These materials are limitedly used in the laboratories and the remaining samples are diluted with plenty of water and drained out.
7.1.4 Q_nM	<i>Water conservation facilities available in the Institution:</i> 1. Rainwater harvesting 2. Bore well /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus Options: A. Any 4 or All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1of the above E. None of the above A. Any 4 or all of the above
7.1.5 Q_nM	<i>Green campus initiatives include</i> 7.1.5.1. The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping Options: A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1of the above E. None of the above A. Any 4 or All of the above
7.1.6 Q_nM	<i>Quality audits on environment and energy are regularly undertaken by the institution</i> 7.1.6.1. The institution's initiatives to preserve and improve the environment and harness energyare confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards

	5. Beyond the campus environmental promotional activities Options: A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above C. Any 2 of the above
7.1.7 Q_nM	<i>The Institution has a Divyangjan -friendly and barrier-free environment</i> 1. Ramps/lifts for easy access to classrooms and centres. 2. <i>Divyangjan-friendly</i> washrooms 3. Signage including tactile path lights, display boards and signposts 4. Assistive technology and facilities for persons with <i>Divyangjan access website</i>, screen-reading software, mechanized equipment, etc. 5. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc. Options: A. Any 4 or all of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above E. None of the above C. Any 2 of the above
	<i>Inclusion and Situatedness</i>
7.1.8 Q_IM	<i>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities</i> • Noorul Islam Centre for Higher Education (NICHE) gives greater emphasis to responsibilities to society and to strengthen statements regarding responsibilities to the environment. • NICHE promotes and holds the paramount of safety, health and welfare of the people and protection of the environment and promotes health and safety within the workplace. • The institution offers service, advice and strives to provide opportunities for professional development. • The 'Swachh Bharat Abhiyan' is a massive mass movement that seeks to create a Clean India. Taking this into consideration, NICHE has arranged a clean India campaign. • NICHE has taken initiatives for helping the deserved students who are financially poor and who come under poor of situation, because of that fee reduction is given

	to the concerned. NICHE has organised events like Importance of hearingPreservations, World down Syndrome Awareness Day, and WorldVoice Day for the benefits of peoples from outside the campus also.
	<i>Human Values and Professional Ethics</i>
7.1.9 Q₁M	<i>Sensitization of students and employees of the Institution to constitutional obligations: values, rights, duties and responsibilities of citizens.</i> - Unlike what is believed, the life of a student is not only about the grades and passing the examinations. It is much more. - Students who are socially aware realize that one of their prime responsibilities is to serve the society. - Therefore, Noorul Islam Centre for Higher Education (NICHE) imbibe a basic sense of social responsibility and sensitize students to social causes and issues, so that they are not just efficient inside the class but also act responsibly outside it. - The focus of NICHE is not merely upon the academics but on the holistic of the students. - This essentially means mental, physical, and social developments of students. Be it helping the poor or getting involved humble contribution in all these social causes. - So that they grow into people who think beyond personal benefits and think about less fortunate sections of society and the environment as well. - The institution is very keen to promote the constitutional obligation in every individual to bring awareness on values, rights, duties and responsibilities of citizens. In this regard the constitutional day is followed Every year on 26th November.
7.1.10 Q_nM	<i>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitizationprogrammes in this regard.</i> - The Code of Conduct is displayed on the website - There is a committee to monitor adherence to the Code of Conduct - Institution organizes professional ethics programmes for students, teachers, administrators and other staff - Annual awareness programmes on the Code of Conduct are organized Options: A. All of the above B. Any 3 of the above C. Any 2 of the above D. Any 1of the above E. None of the above B. Any 3 of the above
7.1.11 Q₁M	<i>Institution celebrates / organizes national and international commemorative days, events and festivals</i>

	1. ROAD SAFETY AWARENESS CAMP 2021 The Department of Fire Technology & Safety Engineering & Police Department (Traffic police) organized a Road Safety Awareness camp on 16th February 2021 for creating awareness about road safety to the public. 2. FIRE SAFETY DEMO The Department of Fire Technology & Safety Engineering organized a fire safety Demo on 6th March 2021 to provide an exposure to use extinguishers in case of fire happens. 3. Fire safety Awareness Programme - 2021 The Department of FTST organized a fire safety awareness programme at St. Marys Higher Secondary School, Tuticorin on 12th March 2021 to create fire safety awareness to the students and staffs. 4. Online Health & Safety Training Under the title "Introductory to Industrial Safety "organized on 10th & 11th May 2021 to provide an exposure about Safety in industrial sectors. It was conducted by Mr. J. Subramanian, Territory Safety Manager, DOOSAN BABCOCK, Abu Dhabi National Oil Corporation. 5. Online Safety Training Under the title "overview of Electrical system and safety "organized on 12th May 2021 to provide an exposure about electrical safety. It was conducted by Mr. C. T. Chidambaram, Joint General Manager, Electrical, Engineering Design and Research Centre, L & T Construction, Chennai.
--	---

Key Indicator - 7.2 Best Practices

Metric No.	
7.2.1 Q_iM	Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual. 1. Title of the Practice Research Incentives 2. Objectives of the Practice Motivate the Faculty members to publish quality Research Papers in Scopus Indexed and SCI Journals with appreciation and monetary benefit. 3. The Context A University's primary focus is to promote research innovative activities by encouraging quality research publications in Scopus Indexed and SCI Journals. In consonance, NICHE has initiated the practice of granting incentives to the faculty members who publish research articles.

	4. The Practice Noorul Islam Centre for Higher Education is unique in providing incentives to the faculty who publish Research Papers in Scopus Indexed Journals. Board of Research, Development and Consultancy, NICHE, has implemented this new boost up measure for the benefit of faculty over the past few years. In total, incentive is a boost that encourages the faculty to enhance their research caliber and quality of research to publish more research papers in future. 5. Evidence of Success Many of the faculty members who published research articles have received the cash incentives from the Management of NICHE. 6. Problems Encountered and Resources Required No problem has been encountered in granting incentives to the faculty who publish Research Papers in Scopus Indexed Journals since its introduction.
--	--

Key Indicator - 7.3 Institutional Distinctiveness

Metric No.	
7.3.1	<i>Highlight the performance of the institution in an area distinct to its priority and thrust</i>
Q ₁ M	Bringing Home, the Newest of Technologies to NICHE campus Noorul Islam Centre for Higher Education (NICHE) has always been open to and has an eye on the rapid technology changes taking place in the world. (a) Cloud Computing Technology Cloud Computing has emerged as a newest technology in the twenty-first century spreading its claws over all domains of computer knowledge and services. With the objective of reaping the harvest of Cloud Computing, a Cloud Computing Centre has been established in the university premises for the benefit of students, staff and the institution. Centre for Advanced Computing and Robotics (CACR) NICHE, as a pioneering institution in South India, has deployed the state-of-the-art Advanced Cloud Computing Infrastructure is the key focus of future computing technologies. (b) Robotics Technology Robotics is one of the most advantageous technologies for the future. Robots play a major role in engineering, industries, medical science and in everyday tasks. The Robotics Centre/Laboratory is set up with a humanoid robot SANBOT and client machines available at Robotics Laboratory is equipped with INTEL AI package Open VINO. The SANBOT is trained for multiple applications using the SANBOT SDK and OpenVINO is employed for training the students towards AI applications.

7.3.2	Plan of action for the next academic year
QM	• To provide holistic value based education and inculcate entrepreneurial abilities in students to face the challenges of corporate world • To arrange career guidance programmes • Steps to develop E-Contents for students • Steps to publish more patents, Web of science and SCI journal publications • To encourage and facilitate Research Culture, to promote Research by students and Faculty and Consultancy by Faculty • To provide amenities and sports facilities in harmony with nature • Steps to apply and get more funded projects • Steps to make the campus eco-friendly and Green campus • To create awareness and initiate measures for Protecting and Promoting Environment • To obtain better NIRF Ranking.


Dr. R. Mathu Soothiana S. Kumar,
Director, IQAC,
Noorul Islam Centre for Higher Education,
Kumaracoll, Thuckalay - 629 180,