



Yearly Status Report - 2018-2019

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	ANNAMALAI UNIVERSITY
Name of the head of the Institution	Prof. V. Murugesan
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+914144237066
Mobile no.	9444376464
Registered Email	au_regr@ymail.com
Alternate Email	iqacau1929@gmail.com
Address	ANNAMALAINAGAR, TAMIL NADU, INDIA, 608002
City/Town	ANNAMALAINAGAR
State/UT	Tamil Nadu
Pincode	608002

2. Institutional Status	
University	State
Type of Institution	Co-education
Location	Semi-urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. Dr. A. Murugappan
Phone no/Alternate Phone no.	+914144238011
Mobile no.	9842484502
Registered Email	iqacau1929@gmail.com
Alternate Email	iqac@annamalaiuniversity.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.annamalaiuniversity.ac.in/download/IQAC/AQAR%20-%20Part%20A%20&%20B%20-%202017-18_Corrected.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.annamalaiuniversity.ac.in/academic_calendar.php

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	A	3.09	2014	10-Dec-2014	09-Dec-2019

6. Date of Establishment of IQAC	24-Jul-2006
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
National Workshop on Computational Methods in Statistics Using SPSS and R	26-Nov-2018 2	50
International FDP on Trends and Interdisciplinary Research	13-Dec-2018 5	50
Capacity Building Programme for Faculties in Social Sciences	27-Nov-2018 7	50
National Seminar on Best Practices of TOP NAAC Accredited Institutions	30-Jan-2019 2	50
International Symposium on Mental Health and Well Being	12-Apr-2019 1	120
Short Term Course on Experimental Data Analysis and Winning Research Proposal Writing	24-Nov-2018 7	100
Short Term Programme Data Analysis	26-Nov-2018 7	102
Short Term Course on Prospects of Techno Pedagogy in Teaching	10-Dec-2018 14	107
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8. 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
CAS in Marine Biology	Centre of Excellence for Training and Research in Frontier Areas of Science & Technology	MHRD	2013 1825	25000000
Department of Business Administration	SAP	UGC	2014 1825	5500000
Department of Civil Engineering	SAP DRS II	UGC	2014 1825	10000000
Department of Electrical Engineering	FIST LEVEL I	DST	2014 1825	7400000

Department of Manufacturing Engineering	SAP DRS II	UGC	2014 1825	8000000
Department of Education	SAP DRS II	UGC	2015 1825	9300000
Department of Sociology and Social Work	SAP DRS II	UGC	2015 1825	9350000
CAS in Marine Biology	UGC-SAP Upgradation from CAS VI to CAS VII	UGC	2015 1825	29900000
Department of Biochemistry and Biotechnology	SAP	UGC	2015 1825	8800000
Department of Biochemistry and Biotechnology	SAP	UGC	2015 1825	1140000
Department of Pharmacy	SAP	UGC	2015 1825	12050000
Department of Genetics & Plant Breeding	SAP DRS II	UGC	2015 1825	102500000
Department of Statistics	SAP DRS I	UGC	2016 1825	3625000
Department of Library and Information Science	SAP	UGC	2016 1825	1900000
CAS in Linguistics	SAP CAS V	UGC	2016 1825	1600000
Department of Mathematics	FIST	DST	2016 1825	5750000
Department of Pharmacy	FIST	DST	2016 1825	8500000
Department of Economics	SAP DRS II	UGC	2018 1825	8250000
CAS in Marine Biology	DST FIST LEVEL II	DST	2018 1825	5000000
Department of Plant Pathology	FIST	DST	2018 1825	9100000
Department of Biochemistry and Biotechnology	FIST	DST	2018 1825	13700000
Department of Botany	FIST	DST	2018 1825	2500000
Department of	UGC-SAP-PHASE	UGC	2018	7589323

Botany	-III		1825	
Department of Earth Sciences	FIST	DST	2018 1825	10550000
Department of Physics	FIST	DST	2018 1825	7950000
Department of Sports Sciences	Scheme for Conducting M.Sc. Sports Sciences Programme	Ministry of Youth Affairs and Sports	2018 1825	250000000
Department of Zoology	FIST	DST	2018 1825	4500000
Annamalai University	PURSE	DST	2018 1460	339100000
Department of Statistics	FIST	DST	2018 1825	5300000
CAS in Marine Biology	CPEPA	UGC	2011 2555	38500000
Department of Physical Education	SAP	UGC	2013 1825	5000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
<ul style="list-style-type: none"> • Conducted Faculty Development Programmes to benefit faculty members across disciplines • Conducted Curriculum Development Workshop in May/June 2019 to sensitize the revision update of the syllabi • Motivated the Departments introduce Value Added Courses and Inter Departmental Electives • Implementing paperless communication in communications originating from IQAC office and encouraging all Departments/Sections to follow the same 	

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

Plan of Action	Achivements/Outcomes
To conduct curriculum development workshop for update of regulations and syllabi	New Curricula developed with learning objectives including Programme outcomes, Programme specific outcomes and course outcomes of the Programmes offered by the University (effective from Academic Year 20192020)
To introduce more Value added courses and Inter Department Electives	New Value Added Courses and Inter Department Electives are added in the new curricula of the programmes offered by the university
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
SYNDICATE	19-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

22-Jul-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

13-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The University has three different standalone MIS provide the information requirement of the management: 1. The Office Automation System wherein all the service registers of the employees of the university is digitally entered and through the secured entry page the concerned authorities may login to

obtain the entire details of the employees of the University. To ensure the robustness of the system it has been envisaged to scan the physical records and make it part of this system. 2. The second MIS is Biometric Attendance Management System (BAMS), it was an effort to move from the conventional paper based attendance to embrace the digital attendance system. The BAMS, an inhouse developed software, integrates the database of the Biometric Server to the website of the University. The system allows the Heads of Departments / Sections to make leave entries, monitor and generate reports for various attendance shortcomings like "Not Reported", "Single Punch" and "Hour Deficiency" at their biometric login. Further shifts for the staff can be pinned to calculate the working hours. The user can view his / her report and can sort out discrepancies in his / her leave entries and other related issues. The leaves are calculated with an opening balance fixed at the beginning of the calendar year. Regarding Earned Leave, the annual availed days are calculated for that particular year since there is nonavailability the cumulative opening balance. Efforts are taken to incorporate the opening balance of the earned leave. 3. The third MIS, Centralized Accounting System is to simplify the accounting system and to provide the approval at various levels. It encompasses 8 major accounts comprising of 3200 budget heads for regular accounts. The grants and project are individually treated as a separate major head with project specific budget heads and there are 65 such project accounts. The procedure provides approval at 4 stages, the first stage being the user department or section creating the requirement file, followed by the Finance section making appropriate entries. In the second stage the approval is given by the Finance Officer, the third stage is approval by the Registrar and the last stage is approval by the Vice Chancellor. If the sanction amount is less than Rs. 5000/ the process gets over at second stage and if less than 50,000/ it stops at the third stage and if it is more than 50,000/ it goes

through all stages. Once the approval is given an voucher is created for processing the payment. The major advantage of this system is that no wrong entries are made in the budget allocated and ease of transparent accounting.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	ESTR42	B.E. Civil and Structural Engineering (Part Time)	10/05/2018
BE	ESTR42	B.E. Civil and Structural Engineering (Part Time)	22/04/2019
ME	ESTR22	M.E. Structural Engineering	22/04/2019
ME	ESTR33	M.E. Structural Engineering (Part time)	22/04/2019
ME	ESTR24	M.E. Construction Engineering and Management	22/04/2019
ME	ESTR35	M.E. Construction Engineering and Management (Part Time)	22/04/2019
BE	EEEE41	B.E. Electrical and Electronics Engineering	10/05/2018
BE	EEEE41	B.E. Electrical and Electronics Engineering	22/04/2019
ME	EEEE22	M.E. Embedded Systems	22/04/2019
ME	EEEE23	M.E. Power Systems	22/04/2019
ME	EEEE34	M.E. Power Systems (Part Time)	22/04/2019
BE	ECSE41	B.E. Computer Science and Engineering	10/05/2018
BE	ECSE41	B.E. Computer Science and	22/04/2019

		Engineering	
ME	ECSE21	M.E. Computer Science and Engineering	22/04/2019
ME	ECSE32	M.E. Computer Science and Engineering (Part Time)	22/04/2019
BE	EECE41	B.E. Electronics and Communication Engineering	10/05/2018
BE	EECE41	B.E. Electronics and Communication Engineering	22/04/2019
ME	EECE21	M.E. Communication Systems	22/04/2019
BE	EEIE41	B.E. Electronics and Instrumentation Engineering	10/05/2018
BE	EEIE41	B.E. Electronics and Instrumentation Engineering	22/04/2019
ME	EEIE22	M.E. Microelectronics and MEMS	22/04/2019
MA	APOL21	M.A. Political Science (Two Year)	22/04/2019
MA	APOL51	M.A. Political Science (Five Year Integrated)	22/04/2019
MA	AECO21	M.A. Economics (Two Year)	22/04/2019
MA	AECO51	M.A. Economics (Five Year Integrated)	22/04/2019
MCom	ACOM21	M.Com. Accounting Information Systems (Two Year)	10/05/2018
MCom	ACOM22	M.Com. Co-operative Management (Two Year)	10/05/2018
MCom	ACOM24	M.Com. International Business, Banking and Insurance (Two Year)	10/05/2018
MCom	ACOM51	M.Com. (Five Year Integrated)	10/05/2018
MPhil	ACOM71	M.Phil. Commerce	10/05/2018
PhD or DPhil	ACOM81	Ph.D. Commerce	10/05/2018

MA	ASOC21	M.A. Sociology (Two Year)	22/04/2019
MA	ASOC51	M.A. Sociology (Five Year Integrated)	22/04/2019
MA	APOP21	M.A. Population Studies (Two Year)	22/04/2019
MA	APOP51	M.A. Population and Development (Five Year Integrated)	22/04/2019
MBA	ABUS21	M.B.A. (Dual Specialisation) (Two Year)	22/04/2019
MBA	ABUS22	M.B.A. Financial Management (Two Year)	22/04/2019
MBA	ABUS23	M.B.A. Marketing Management (Two Year)	22/04/2019
MBA	ABUS24	M.B.A. Human Resource Management (Two Year)	22/04/2019
MBA	ABUS26	M.B.A. International Business Management (Two Year)	22/04/2019
MLibISc	ALIS21	M.Lib.I.Sc. (Two Year)	22/04/2019
MLibISc	ALIS51	M.Lib.I.Sc. (Five Year Integrated)	22/04/2019
BLibISc	ALIS11	B.Lib.I.Sc. (One Year)	22/04/2019
MLibISc	ALIS12	M.Lib.I.Sc. (One Year)	22/04/2019
MA	ARUR21	M.A. Rural Development (Two Year)	22/04/2019
MA	ARUR51	M.A. Rural Development (Five Year Integrated)	22/04/2019
MA	APHI21	M.A. Philosophy (Two Year)	22/04/2019
MSc	SMAT21	M.Sc. Mathematics (Two Year)	22/04/2019
MSc	SMAT51	M.Sc. Mathematics (Five Year Integrated)	22/04/2019
PhD or DPhil	SMAT81	Ph.D. Mathematics	22/04/2019
MSc	SSTA21	M.Sc. Statistics	22/04/2019

		(Two Year)	
MSc	SSTA51	M.Sc. Statistics (Five Year Integrated)	22/04/2019
MSc	SPHY21	M.Sc. Physics (Two Year)	22/04/2019
MSc	UCYS21	M.Sc. Yoga	22/04/2019
BPES	UPED33	B.P.E.S.	22/04/2019
BPed	UPED21	B.P. Ed.	22/04/2019
MPed	UPED22	M.P. Ed.	22/04/2019
MFA	FMUS02	MFA-Vocal	22/04/2019
MFA	FMUS12	MFA-Veenai	22/04/2019
MFA	FMUS22	MFA-Violin	22/04/2019
MFA	FMUS32	MFA-Flute	22/04/2019
MFA	FMUS42	MFA-Mridangam	22/04/2019
MFA	FMUS52	MFA-Thavil	22/04/2019
MFA	FMUS62	MFA-Nagaswaram	22/04/2019
MFA	FMUS83	MFA-Bharathanatiyam	22/04/2019
BFA	FMUS01	BFA-Vocal	22/04/2019
BFA	FMUS11	BFA-Veenai	22/04/2019
BFA	FMUS21	BFA-Violin	22/04/2019
BFA	FMUS31	BFA-Flute	22/04/2019
BFA	FMUS41	BFA-Mridangam	22/04/2019
BFA	FMUS51	BFA-Thavil	22/04/2019
BFA	FMUS61	BFA-Nagaswaram	22/04/2019
MSc(Agriculture)	GAGR21	M.Sc. (Ag.) Agronomy	10/05/2018
PhD or DPhil	GAGR81	Ph.D. Agronomy	22/04/2019
MSc(Agriculture)	GSSC21	M.Sc. (Ag.) Soil Science and Agricultural Chemistry	10/05/2018
PhD or DPhil	GSSC81	Ph.D. Soil Science and Agricultural Chemistry	22/04/2019
MSc(Agriculture)	GGPB21	M.Sc. (Ag.) Agricultural Biotechnology	10/05/2018
MSc(Agriculture)	GGPB22	M.Sc. (Ag.) Seed Science and Technology	10/05/2018
MSc(Agriculture)	GGPB23	M.Sc. (Ag.) Genetics and Plant Breeding	10/05/2018
PhD or DPhil	GGPB81	Ph.D. Genetics and	22/04/2019

		Plant Breeding	
PhD or DPhil	GGPB83	Ph.D. Seed Science and Technology	22/04/2019
PhD or DPhil	GGPB84	Ph.D. Agricultural Biotechnology	22/04/2019
MSc(Agriculture)	GMIC21	M.Sc. (Ag.) Agricultural Microbiology	10/05/2018
PhD or DPhil	GMIC81	Ph.D. Agricultural Microbiology	22/04/2019
MSc(Agriculture)	GPAT21	M.Sc. (Ag.) Plant Pathology	10/05/2018
PhD or DPhil	GPAT81	Ph.D. Plant Pathology	22/04/2019
MSc(Agriculture)	GENT21	M.Sc. (Ag.) Agricultural Entomology	10/05/2018
PhD or DPhil	GENT81	Ph.D. Entomology	22/04/2019
MBA	GECO21	M.B.A. Agribusiness	10/05/2018
MSc(Agriculture)	GECO22	M.Sc. (Ag.) Agricultural Economics	10/05/2018
PhD or DPhil	GECO81	Ph.D. Agricultural Economics	22/04/2019
PhD or DPhil	GECO82	Ph.D. Agribusiness Management	22/04/2019
MSc	GHOR21	M.Sc. (Horticulture) in Fruit Science	10/05/2018
MSc	GHOR22	M.Sc. (Horticulture) in Vegetable Science	10/05/2018
MSc	GHOR23	M.Sc. (Horticulture) in Floriculture and Landscape Architecture	10/05/2018
MSc	GHOR24	M.Sc. (Horticulture) in Plantation, Spices, Medicinal and Aromatic Crops	10/05/2018
PhD or DPhil	GHOR81	Ph.D. Horticulture	22/04/2019
MSc(Agriculture)	GEXT21	M.Sc. (Ag.) Agricultural Extension	10/05/2018
PhD or DPhil	GEXT81	Ph.D. Agricultural Extension	22/04/2019
MSc	SPHY51	M.Sc. Physics (Five	22/04/2019

		Year Integrated)	
MSc	SCHE21	M.Sc. Chemistry (Two Year)	22/04/2019
MSc	SCHE51	M.Sc. Chemistry (Five Year Integrated)	22/04/2019
MSc	SBOT21	M.Sc. Botany (Two Year)	22/04/2019
MSc	SBOT51	M.Sc. Botany (Five Year Integrated)	22/04/2019
MSc	SZOO21	M.Sc. Zoology (Two Year)	22/04/2019
MSc	SZOO51	M.Sc. Zoology (Five Year Integrated)	22/04/2019
MSc	SEAR21	M.Sc. Geology (Two Year)	22/04/2019
MSc	SEAR51	M.Sc. Geology (Five Year Integrated)	22/04/2019
MSc	SBIO21	M.Sc. Biochemistry (Two Year)	10/05/2018
MPhil	SBIO71	M.Phil. Biochemistry	10/05/2018
PhD or DPhil	SBIO81	Ph.D. Biochemistry	10/05/2018
MSc	SBIO22	M.Sc. Biotechnology (Two Year)	10/05/2018
MSc	SBIO51	M.Sc. Biotechnology (Five Year Integrated)	10/05/2018
MSc	SBIO72	M.Phil. Biotechnology	10/05/2018
PhD or DPhil	SBIO82	Ph.D. Biotechnology	10/05/2018
MSc	SMIC21	M.Sc. Microbiology (Two Year)	22/04/2019
MSc	SMIC51	M.Sc. Microbiology (Five Year Integrated)	22/04/2019
MSc	SCIS21	M.Sc. Computer Science (Two Year)	22/04/2019
MCA	SCIS31	M.C.A.	22/04/2019
MSc	SCIS51	M.Sc. Software Engineering (Five Year Integrated)	22/04/2019
MSc	SCIS52	M.Sc. Information Technology (Five Year Integrated)	22/04/2019
MSc	SSPO21	M.Sc. Sports Biomechanics (Two Year)	22/04/2019

MSc	SSPO22	M.Sc. Exercise Physiology (Two Year)	22/04/2019
MSc	SSPO23	M.Sc. Sports Biochemistry (Two Year)	22/04/2019
MSc	SSPO24	M.Sc. Sports Nutrition (Two Year)	22/04/2019
MPT	SSPO26	MPT. Sports Physiotherapy (Two Year)	22/04/2019
ME	EEIE23	M.E. Microelectronics and MEMS (Part Time)	22/04/2019
ME	EEIE24	M.E. Process Control and Instrumentation Engineering	22/04/2019
ME	EEIE25	M.E. Rehabilitative Instrumentation Engineering	22/04/2019
ME	EEIE34	M.E. Process Control and Instrumentation (Part Time)	22/04/2019
ME	EEIE36	M.E. Rehabilitative Instrumentation Engineering (Part Time)	22/04/2019
BE	EINT41	B.E. Information Technology	10/05/2018
BE	EINT41	B.E. Information Technology	22/04/2019
ME	EINT21	M.E. Information Technology	22/04/2019
BE	EMEC41	B.E. Mechanical Engineering	10/05/2018
BE	EMEC41	B.E. Mechanical Engineering	22/04/2019
ME	EMEC21	M.E. Energy Engineering and Management	22/04/2019
ME	EMEC22	M.E. Thermal Power Engineering	22/04/2019
BE	EMAN41	B.E. Mechanical Engineering (Manufacturing)	10/05/2018
BE	EMAN41	B.E. Mechanical	22/04/2019

		Engineering (Manufacturing)	
ME	EMAN22	M.E. Manufacturing Engineering	22/04/2019
ME	EMAN26	M.E. Welding Engineering	22/04/2019
BEd	UEDU21	B.Ed.	22/04/2019
MEd	UEDU41	M.Ed.	22/04/2019
MSc	UPSY21	M.Sc. Applied Psychology (Two Year)	22/04/2019
MSc	UPSY51	M.Sc. Clinical Psychology (Five Year Integrated)	10/05/2018
MPhil	UPSY71	M.Phil. Psychology	22/04/2019
PhD or DPhil	UPSY81	Ph.D. Psychology	22/04/2019
MA	AENG21	M.A. English (Two Year)	22/04/2019
MA	AENG51	M.A. English (Five Year Integrated)	22/04/2019
MA	AHIS21	M.A. History (Two Year)	22/04/2019
MA	AHIS51	M.A. History (Five Year Integrated)	22/04/2019
MSc	SSPO27	M.Sc. Sports Psychology (Two Year)	22/04/2019
MA	LTAM21	M.A. Tamil (Two Year)	22/04/2019
MA	LTAM51	M.A. Tamil (Five Year Integrated)	22/04/2019
MA	LHIN21	M.A. Hindi (Two Year)	22/04/2019
MPhil	LHIN71	M.Phil. Hindi	22/04/2019
MA	LLIN21	M.A. Linguistics (Two Year)	22/04/2019
BE	ECHE41	B.E. Chemical Engineering	10/05/2018
BE	ECHE41	B.E. Chemical Engineering	22/04/2019
ME	ECHE21	M.E. Chemical Engineering	22/04/2019
Mtech	ECHE22	M. Tech. Industrial Biotechnology	22/04/2019
Mtech	ECHE23	M. Tech. Food Processing Technology	22/04/2019

Mtech	ECHE24	M. Tech. Industrial Safety Engineering	22/04/2019
BE	ECIV41	B.E. Civil Engineering	10/05/2018
BE	ECIV41	B.E. Civil Engineering	22/04/2019
ME	ECIV21	M.E. Environmental Engineering	22/04/2019
ME	ECIV22	M.E. Water Resources Engineering and Management	22/04/2019
BE	ESTR41	B.E. Civil and Structural Engineering	10/05/2018
BE	ESTR41	B.E. Civil and Structural Engineering	22/04/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MA	AENG21 M.A. English (Two Year)	01/01/2018	ENGE305 Technical Writing	01/01/2018
MA	AENG21 M.A. English (Two Year)	01/01/2018	ENGE405 English for Competitive Examinations	01/01/2018
MA	AENG21 M.A. English (Two Year)	01/01/2018	SOSC Soft Skills	01/01/2018
MA	AENG51 M.A. English (Five Year Integrated)	01/01/2018	IENIE95 Technical Writing	01/01/2018
MA	AENG51 M.A. English (Five Year Integrated)	01/01/2018	SOSC Soft Skills	01/01/2018
MA	AHIS 21 M.A. History (Two Year)	01/01/2018	HISE105 (2) Tourism and Travel Management	01/01/2018
MA	AHIS 21 M.A. History (Two Year)	01/01/2018	SOSC Soft Skills	01/01/2018
MA	AHIS51 M.A. History (Five Year)	01/01/2018	IHC 84 Indian Cultural Heritage	01/01/2018

	Integrated)			
MA	AHIS51M.A. History (Five Year Integrated)	01/01/2018	IHIC 93 Historiography and Historical Methods	01/01/2018
MA	AHIS51M.A. History (Five Year Integrated)	01/01/2018	SOSC Soft Skills	01/01/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MlibIsc	LIBE 206 Documentary and electronic information sources / Electronic resources management system	10/05/2018
MlibIsc	LIBE 305 Computer database and internet/ Electronic Resource Management	10/05/2018
MlibIsc	LIBE 306 Intellectual property rights and right to information/ Web based information services	10/05/2018
MlibIsc	LIBE 405 Agricultural Sciences Library and information system/Engineering & technological library and information system	10/05/2018
MlibIsc	LIBC 304 Internship training programme /field visit	10/05/2018
MlibIsc	ILSE 75 -Information Literacy/Health science Library and information system	10/05/2018
MlibIsc	ILSE 85 Green library technology/ E publishing	10/05/2018
MlibIsc	ILSE 86 Documentary and electronic information sources / Electronic resources management system	10/05/2018
MlibIsc	ILSE 95 Computer database and internet/ Electronic Resource Management	10/05/2018
MlibIsc	ILSE 96 Intellectual property rights and right	10/05/2018

	to information/ Web based information services	
MlibISc	ILSE 104 Agricultural Sciences Library and information system/Engineering & technological library and information system.	10/05/2018
MlibISc	ILSE 94 Internship training programme /field visit	10/05/2018
MA	IRDC 72 Inclusive Development	10/05/2018
MA	IRDC 74 Common Property Resources for Rural Development	10/05/2018
MA	IRDE 75 Rural Development & Extension	10/05/2018
MA	IRDC83 Rural Infrastructural Development	10/05/2018
MA	IRDC84 Field Placement Programme	10/05/2018
MA	IRDE85 Swachh Bharat Programme - Village Visit	10/05/2018
MA	IRDC91 Communication and Extension Techniques	10/05/2018
MA	IRDC94 Field Practicum (Block Placement)	10/05/2018
MA	IRDC101 SHGs and Women Empowerment	10/05/2018
MA	IRDC102 Disaster Management	10/05/2018
MA	IRDC 33 Water Resources Management for Rural Development	10/05/2018
MA	IRDC 35 Local Governance	10/05/2018
MA	IRDC47 Basic Statistics	10/05/2018
MA	IRDC 54 Rural Banking	10/05/2018
MA	IRDC 62 CSR in Rural Development	10/05/2018
MA	IRDC 63 PRA Methods & Techniques	10/05/2018
MA	IRDC 64 Micro, Small and Medium Enterprises & Rural Development	10/05/2018
MA	IRDC 72 Inclusive Development	10/05/2018

MA	IRDC 74 Common Property Resources for Rural Development	10/05/2018
MA	IRDE 75 Rural Development & Extension	10/05/2018
MA	IRDC83 Rural Infrastructural Development	10/05/2018
MA	IRDC84 Field Placement Programme	10/05/2018
MA	IRDE85 Swachh Bharat Programme - Village Visit	10/05/2018
MA	IRDC91 Communication and Extension Techniques	10/05/2018
MA	IRDC94 Field Practicum (Block Placement)	10/05/2018
MA	IRDC101 SHGs and Women Empowerment	10/05/2018
MA	IRDC102 Disaster Management	10/05/2018
MSc	19MATC405 Calculus of Variations and Integral Equation	22/04/2019
MSc	19IMAT54 Astronomy	22/04/2019
MSc	19IMAT105 Calculus of Variations and Integral Equation	22/04/2019
MSc	19STAC304 Programming in R	22/04/2019
MSc	19ISTC94 Programming in R	22/04/2019
MSc	19PHYC102 Electronics	22/04/2019
MSc	19PHYE205.2 Physics of Earth	22/04/2019
MSc	19PHYE 205.3 Energy Physics	22/04/2019
MSc	19IPHYC43 Optics and Spectroscopy	22/04/2019
MSc	19IPHYC52 Laser and Fiber Optics	22/04/2019
MSc	19IPHYE85.3 Energy Physics	22/04/2019
MSc	19IPHYC6 Astrophysics	22/04/2019
MSc	19IPHYE15.1 Electrical Appliances	22/04/2019
MSc	19IPHYE15.2 Physics of Human Anatomy	22/04/2019
MSc	19IPHYE35.1 Basic Electronic Devices	22/04/2019

MSc	19IPHYE35.2Environmental Physics	22/04/2019
MSc	19IPHYC64Relativity and Quantum Mechanics	22/04/2019
MSc	10IPHYE56.2Audio and Video Systems	22/04/2019
MSc	19IPHYE 85.2 Physics of the Earth	22/04/2019
MSc	19CHEE206-1Applied Chemistry - I	22/04/2019
MSc	19CHEE206-2 Applied Chemistry - II	22/04/2019
MSc	19CHEE307-1 Scientific Research Methodology	22/04/2019
MSc	19CHEE307-2 Organic Chemical Technology	22/04/2019
MSc	19ZOOC101Structure and functions of Invertebrates and Vertebrates	22/04/2019
MSc	19ZOOC103Cell and Molecular biology	22/04/2019
MSc	19ZOOC301Evolution	22/04/2019
MSc	19ZOOC302Environment & Biodiversity conservation	22/04/2019
MSc	19ZOOC303Animal Behaviours	22/04/2019
MSc	19ZOOC401Bio-chemistry	22/04/2019
MSc	19ZOOPJ404Project	22/04/2019
MSc	19IZOT71Structure and functions of Invertebrates and Vertebrates	22/04/2019
MSc	19IZOT73Cell and Molecular biology	22/04/2019
MSc	19IZOT91Evolution	22/04/2019
MSc	19IZOT92Environment & Biodiversity conservation	22/04/2019
MSc	19IZOT93Animal Behaviours	22/04/2019
MSc	19MEPC403Core 15: Methods of Exercise Prescription	22/04/2019
MSc	19MEPP404Core 16: Laboratory and Field Practical-IV	22/04/2019
MSc	19MEPD405Dissertation- IV:(Thesissubmission) Project Report & Viva- Voce	22/04/2019

MSc	MBSC101Biomolecules	22/04/2019
MSc	MBSC102Basic Anatomy and Physiology	22/04/2019
MSc	MBSC103Biochemistry of Metabolism	22/04/2019
MSc	MBSE104.aCardiorespiratory physiology	22/04/2019
MSc	MBSE104.bNeuromuscular physiology in sports	22/04/2019
MSc	MBSE104.cScience of Yoga	22/04/2019
MSc	MBSE104.dFatigue, Injury and Rehabilitation	22/04/2019
MSc	MBSP106Practical - I- Biomolecules - 1	22/04/2019
MSc	MBSC201Muscle Biochemistry	22/04/2019
MSc	MBSC202Endocrine Biochemistry	22/04/2019
MSc	MBSC203Nutritional Biochemistry and Exercise	22/04/2019
MSc	MBSC204Research Methodology & Biostatistics	22/04/2019
MSc	MBSP206Practical - II - Biomolecules-2	22/04/2019
MSc	MBSC301Sports Nutrition	22/04/2019
MSc	MBSC302Biochemistry and Physical Performance	22/04/2019
MSc	MBSC303Biochemistry in Health and Disease	22/04/2019
MSc	MBSE304.aErgogenic aids and Doping	22/04/2019
MSc	19IZOT101Bio-chemistry	22/04/2019
MA	ITAC- 25 Uraiyasiriyargal	10/05/2018
MA	ITAC -56 DiravidaMozhikal inOppilakkanam	10/05/2018
MA	ITAC - 64 TamizhIllakkanaVaralaru	10/05/2018
MA	LINC202: Historical Linguistics and South Asian Language Families	10/05/2018
BE	CHHE601-Advanced Heat Transfer	10/05/2018
BE	CHHE602-Advanced Thermodynamics	10/05/2018
BE	CHHE701-Advanced Process Control Systems	10/05/2018

BE	CHHE702-Advanced Fluidization Engineering	10/05/2018
ME	VAMD-011- First Aid and Emergency care	10/05/2018
ME	VAMS-011- Seafood Processing Technology	10/05/2018
BE	CHHE801-Applications of Nanotechnology In Chemical Engineering	10/05/2018
BE	CHHE802-Heterogeneous Reactor Design	10/05/2018
BE	CHMI601-Basic Principles of Chemical Engineering	10/05/2018
BE	CHMI602-Organic & Inorganic Chemical Technology	10/05/2018
BE	CHMI701-Chemical Engineering Operations	10/05/2018
MSc	MBSV407Field Visit	22/04/2019
MSc	MSNC101Core 1: Fundamentals of Human Nutrition	22/04/2019
MSc	MSNC102Core 2: Basic Anatomy and Physiology	22/04/2019
MSc	MSNC103Core 3: Assessment of healthand fitness of athlete	22/04/2019
MSc	MSNP104Core 4: Practical I:	22/04/2019
MSc	MSNP105Core 5: Practical II:	22/04/2019
MSc	MSNC201Core 6: Exercise nutrition and metabolism	22/04/2019
MSc	MSNC202Core 7: Sports Specific Nutrition	22/04/2019
MSc	MSNC203Core 8: Nutritional Biochemistry And Exercise	22/04/2019
MSc	MSNC204Core 9: Research Methodology & Biostatistics	22/04/2019
MSc	MSNP205Core 10: Practical III:	22/04/2019
MSc	MSNP206Core 11: Practical IV:	22/04/2019
MSc	MSNC301Core 12: Clinical Sports Nutrition	22/04/2019
MSc	MSNC302Core 13: Dietary	22/04/2019

	Supplements And Ergogenic Aids	
MSc	MSNC303Core 14: Exercise Physiology & Metabolism	22/04/2019
MSc	MSNI304Core 15: Internship	22/04/2019
MSc	MSNP305Core 16: Practical V:	22/04/2019
MSc	MSNP306Core 17: Practical VI:	22/04/2019
MSc	19IMBT81- Bioprocess Technology	10/05/2018
MSc	MSNC401Core 17: Sports Psychology And Nutrition Counseling	22/04/2019
MSc	MSNC402Core 18: Food Service Management And Entrepreneurship	22/04/2019
MSc	MSNP403Core 19: Practical VII: Training	22/04/2019
MSc	MSNP404Core 20: Practical VIII:	22/04/2019
MSc	19MSBP104Practical I (Mechanics)	22/04/2019
MSc	19MSBP106Practical III (Excel & SPSS)	22/04/2019
MSc	19MSBP107Practical IV (Exposure to concerned Sports)	22/04/2019
MSc	19MSBC201Core 4: Fundamentals of Sports Performance Analysis	22/04/2019
MSc	19MSBC202Core 5: Instrument for Recording and Analyzing Sports Movements	22/04/2019
MSc	19MSBC203Core 6: Kinanthropometry	22/04/2019
MSc	19MSBP204Practical V (3D, EMG)	22/04/2019
ME	EIRIMC15- Research Methodology and IPR	10/05/2018
MSc	19MSBP205Practical VI (Force plate, Dynamometer)	22/04/2019
MSc	19MSBP206Practical VII (Kinanthropometry)	22/04/2019
MSc	19MSBP207Practical VIII (Exposure to concerned	22/04/2019

	Sports)	
MSc	19MSBC301Core 7: Applied Sports Performance Analysis	22/04/2019
MSc	19MSBC302Core 8: MATLAB	22/04/2019
MSc	19MSBC303Core 9: Biomechanical Analysis of Human Movement	22/04/2019
MSc	19MSBP304Practical IX: (Performance Analysis in Sports)	22/04/2019
MSc	19MSBP305Practical X: (MATLAB)	22/04/2019
MSc	19MSBP306Practical XI: (Kinetic & Kinematic analysis of human movement)	22/04/2019
MCom	19CAIC103 Banking and Insurance	10/05/2018
MSc	19MSBP307Practical XII: (Exposure to concerned Sports)	22/04/2019
MSc	19MSBC402Core 11: Clinical Biomechanics	22/04/2019
MSc	19MSBC403Core 12: Application of Biomechanics to Physiological Systems	22/04/2019
MSc	19MSBD404Project (Dissertation) - Viva-Voce	22/04/2019
MSc	19MSBV405Project Field Visit	22/04/2019
MSc	19MSBP406Practical XIII: (Kinetic & Kinematic Analysis of Sports Skills)	22/04/2019
MSc	19MSBP407Practical XIV: (Performance Analysis in Team Sports)	22/04/2019
MSc	19MSBP408Practical XV: (Physiological Measurements)	22/04/2019
MSc	19MEPC101Core 1: Fundamentals of Exercise Physiology	22/04/2019
MSc	19MEPC102Core 2: Kinesiology & Biomechanics	22/04/2019
MSc	19IMBT101 - Medical Diagnostic Technology	10/05/2018

MSc	19IMBT102- Applied Microbiology	10/05/2018
MCA	19MCAC52 -Python and R Programming	22/04/2019
MSc	19ISET102-Data Science and Big Data Analytics	22/04/2019
MSc	19ISET92-Machine Learning	22/04/2019
MSc	19IIIT91-Machine Learning	22/04/2019
MSc	19IIIT53 -Programming in Python	22/04/2019
MSc	19MSBC101Core 1: Introduction to Sports Biomechanics	22/04/2019
MSc	19MSBC102Core 2: Functional Anatomy	22/04/2019
MSc	19MSBC103Core 3: Research Methodology and Applied Statistics	22/04/2019
MSc	19MSBP105Practical II (Functional Anatomy)	22/04/2019
MSc	MBSE304.bExercise physiology and Gender	22/04/2019
MSc	MBSE304.cPhysiological Aspects of Aging	22/04/2019
MSc	MBSE304.dMuscular Adaptations to exercise and training	22/04/2019
MSc	MBSP306Practical - III Clinical Biochemistry	22/04/2019
MSc	MPSC103Personality and Personal Development	22/04/2019
MSc	MPSE104.aHealth Psychology	22/04/2019
MSc	MPSE104.bFitness and wellness	22/04/2019
MSc	MPSP106Practical - I: Psychological Assessment	22/04/2019
MSc	MPSP107Practical - II: Personality and Personal Development	22/04/2019
MSc	MPSC201Advanced Statistics and Scientific Data Processing	22/04/2019
MSc	MPSC202Positive Psychology	22/04/2019
MSc	MPSC203Psychology of Intelligence, Learning and Motivation	22/04/2019

MSc	MPSC204 Testing and Measurement in Sports Psychology	22/04/2019
MSc	MPSP206 Practical -III: Psychological Assessment of Personality	22/04/2019
MSc	MPSP207 Practical -IV: Psychology of Intelligence, Learning and Motivation	22/04/2019
MSc	MPSC301 Principles of Neuropsychology	22/04/2019
MSc	MPSC302 Fundamentals of Sport and Exercise Psychology	22/04/2019
MSc	MPSC303 Psychology of Sports Coaching	22/04/2019
MSc	MPSE304.a Nutrition for Health, Fitness and Sport	22/04/2019
MSc	MPSE304.b Psychology of Differently Abled	22/04/2019
MSc	MPSP306 Practical - V : Neuropsychological Assessment	22/04/2019
MSc	MPSP307 Practical - VI : Fundamentals of Sports and Exercise Psychology	22/04/2019
MSc	MPSI308 Internship and Case Study	22/04/2019
MSc	MPSC401 Mind, Motion and Performance	22/04/2019
MSc	MPSC402 Motivation, Emotion and Group Dynamics	22/04/2019
MSc	MPSD404 Project Work including Presentation, Comprehensive Viva	22/04/2019
MSc	MPSE405 Generic Elective Course: Principles of Sport Psychology	22/04/2019
MSc	MPSV406 Field Visit	22/04/2019
BE	CHMI801-Basic Principles of Chemical Reaction Engineering	10/05/2018
BE	CHMI802-Process Engineering & Economics	10/05/2018
ME	CHCEMC15-Research Methodology and IPR	10/05/2018
ME	CHCECP16-Modeling &	10/05/2018

	Simulation Laboratory	
ME	CHCECP17-Advanced Separation Processes Laboratory	10/05/2018
ME	CHCETS27-Industrial Training and Seminar / Mini project	10/05/2018
ME	CHCEAC18-English for Research Paper Writing	10/05/2018
ME	CHCEAC28-Disaster Management	10/05/2018
ME	CHCEAC18-Sanskrit for Technical Knowledge	10/05/2018
ME	CHCEAC28-Value Education	10/05/2018
ME	CHCEAC18-Constitution of India	10/05/2018
ME	CHCEAC18-Stress management	10/05/2018
ME	CHCEAC28-Pedagogy Studies	10/05/2018
MPT	19MSPP105Core 5: Clinical Training - I	22/04/2019
ME	CHCEAC28-Personality Development through Life Enlightenment Skills.	10/05/2018
ME	CHCEOE26-Business Analytics	10/05/2018
ME	CHCEOE32-Industrial Safety	10/05/2018
ME	CHCEOE26-Operations Research	10/05/2018
ME	CHCEOE32-Cost Management of Engineering Projects	10/05/2018
ME	CHCEOE26-Composite Materials	10/05/2018
Mtech	CHBTCP17-Immuno technology and Advanced genetic engineering laboratory	10/05/2018
Mtech	CHBTCP25-Bioprocess and downstream processing laboratory	10/05/2018
Mtech	CHBTPE13-Immunotechnology	10/05/2018
Mtech	CHBTPE14-Metabolic Process and Engineering	10/05/2018
Mtech	CHBTPE23-Computer Aided Learning of Structure and Functions of proteins	10/05/2018
Mtech	CHBTPE24-Advanced Genetic	10/05/2018

	Engineering	
Mtech	CHBTPE31-Phytochemistry	10/05/2018
Mtech	CHBTPE13-Biofuels and Biorefinery Engineering	10/05/2018
Mtech	CHBTPE23-Analytical Techniques in Biotechnology	10/05/2018
Mtech	CHBTPE14-Cancer Biology	10/05/2018
Mtech	CHBTAC28-Disaster Management	10/05/2018
Mtech	CHBTPE24-Biothermodynamics	10/05/2018
Mtech	CHBTOE26-Computational Fluid Dynamics	10/05/2018
Mtech	CHBTOE32-Technology Management	10/05/2018
Mtech	CHISOE -Occupational health safety management system ISO 45001:10.05.2018	10/05/2018
Mtech	CHISOE -Maintainability Engineering	10/05/2018
Mtech	CHISPE13-Safety in Construction	10/05/2018
ME	CEEEOEEXX- Environmental Biotechnology	10/05/2018
ME	CEEEOEEXX- Environmental Legislation	10/05/2018
ME	CEEEOEEXX- Sustainable Development and Circular Economy	10/05/2018
ME	CEEEOEEXX- Industrial Safety	10/05/2018
ME	CEEEOEEXX- Marine Pollution And Control	10/05/2018
ME	CEEEOE32- Operations Research	10/05/2018
ME	CEEEOEEXX- Statistics for Environmental Research	10/05/2018
ME	CEEEOEEXX- Waste to Energy	10/05/2018
ME	VAAG-011- Microbial Inoculant Production Technology	10/05/2018
ME	VAAR-011- General Studies for Civil Services and Other Competitive Examinations	10/05/2018
ME	VAAR - 012- Speaking and	10/05/2018

	Writing English Effectively: A Practical Course	
ME	VAAR - 013 - English for Effective Communication	10/05/2018
ME	VAED - 011 - Modern Pedagogical Techniques	10/05/2018
ME	VAET-011 - Introduction to Data Science	10/05/2018
ME	VAFA-011 - Introduction to South Indian Music : Vocal	10/05/2018
ME	CHCEOE32-Waste to Energy	10/05/2018
ME	CHCEPE13-Process Design and Synthesis	10/05/2018
ME	CHCEPE14-Chemical Reactor Analysis	10/05/2018
ME	CHCEPE23-Fluidization Engineering	10/05/2018
ME	CHCEPE24-Industrial Pollution Control	10/05/2018
ME	CHCEPE13-Chemoinformatics	10/05/2018
ME	CHCEPE14-Modern concepts in Catalysis and Surface Phenomenon	10/05/2018
ME	CHCEPE23-Advanced Downstream Processes	10/05/2018
ME	CHCEPE24-Computational Fluid Dynamics	10/05/2018
ME	CHCEPE31-Bioprocess Engineering	10/05/2018
ME	CHCEPE13-Process Intensification	10/05/2018
ME	CHCEPE14-Phase transitions in Process Equipment	10/05/2018
ME	CHCEPE23-Micro and Nano Fluidics	10/05/2018
ME	CHCEPE24-Process Integration	10/05/2018
ME	CHCEPE31-Transport in Porous Media	10/05/2018
ME	CHCEPE13-Micro Flow Chemistry and Process Technology	10/05/2018
ME	CHCEPE14-Process Plant Design & Flow sheeting	10/05/2018
ME	CHCEPE23-Design of	10/05/2018

	Experiments and Parameter Estimation	
ME	CHCEPE24-Cleaner Production	10/05/2018
Mtech	CHBTFC11-Enzyme Technology and Fermentation Technology	10/05/2018
Mtech	CHBTCP16-Preparative and analytical techniques in biotechnology laboratory	10/05/2018
MSc	19MEPC103Core 3: Research and Educational Methodology	22/04/2019
MSc	19MEPP104Core 4: Laboratory and Field Practical-I	22/04/2019
MSc	19MEPD105Dissertation I: Review of Literature/Dissertation-I	22/04/2019
MSc	19MEPC201Core 5: Cardio-respiratory Physiology	22/04/2019
MSc	19MEPC202Core 6: Exercise &Environmental Physiology	22/04/2019
MSc	19MEPC203Core 7: Kinanthropometryand Exercise Physiology	22/04/2019
MSc	19MEPP204Core 8: Laboratory and Field Practical-II	22/04/2019
MSc	19MEPD205Dissertation II: (Posting to collect the pilot data	22/04/2019
MSc	19MEPC301Core 9: Exercise and Fitness-Health and Skill- Related Components	22/04/2019
MSc	19MEPC302Core 10: Exercise and Sports Nutrition	22/04/2019
MSc	19MEPC303Core 11: Neuro Musculo Skeletal System in Exercise &Training	22/04/2019
MSc	19MEPP304Core 12: Laboratory and Field Practical-III	22/04/2019
MSc	19MEPD305Dissertation-III:(Research data collection And compilation)	22/04/2019
MSc	19MEPC401Core 13: Sports Psychology and	22/04/2019

	Physiological Aspects	
MSc	19MEPC402Core 14: Applied Exercise Physiology	22/04/2019
MBA	19BBAC107 Spreadsheet Modelling	22/04/2019
MA	19ENGC104 English and Spoken English	22/04/2019
MA	19ENGE105(3) English for Secretarial Practice	22/04/2019
MSc	MSND405Project Work/In-plant training	22/04/2019
MA	19ENGC401 Shakespeare and Shakespearean Criticism	22/04/2019
MA	ENGE404.2 Eco Studies In Literature	10/05/2018
MA	19IENC23 Harmony of Prose - I	22/04/2019
MA	19IENC14 Symphony of Verse - I	22/04/2019
MA	19IENC33 Symphony of Verse - II	22/04/2019
MA	19IENC61 Literary Theory and Criticism - I	22/04/2019
MA	19IENC64 Approaches to Literature	22/04/2019
MA	19IENC74 Phonetics and Spoken English	22/04/2019
MA	19IENC101 Phonetics and Spoken English	22/04/2019
MA	IENE104.2 Eco Studies in Literature	10/05/2018
MA	19HISX 105 Historical Tourism in India	22/04/2019
MA	19HISX 205 Cultural Heritage of India	22/04/2019
MA	19HISX 305 History of Indian Freedom Movement	22/04/2019
MA	19HISE 205 Archaeological Monuments and Preservation techniques	22/04/2019
MA	19HISE 305 Gandhian Thought	22/04/2019
MA	IHIC 13Social and Cultural History of India upto AD 1206	22/04/2019
MA	IHIC 25 Social and Cultural History of India from 1206 to 1526 AD	22/04/2019

MA	IHIC45 Freedom Movement in Tamil Nadu	22/04/2019
MA	IHIC52 Contemporary Tamil Nadu 1947-2000 AD	22/04/2019
MA	IHIC65 History of USA 1776-1900	22/04/2019
MA	IHIC 43Women Studies (with special reference to India)	10/05/2018
MA	ECOC-304-5 Globalisation and Development	22/04/2019
MA	ECOC-304-6 Economics of Education	22/04/2019
MA	ECOC-403 Economics of Climate Change	22/04/2019
MA	IECA-16 - Basic Accountancy (Allied)	22/04/2019
MA	IECC-45 - Women and Economy (Core)	22/04/2019
MCom	19CCMC402Tamil Nadu Co-operative Societies Act 1983	10/05/2018
MCom	19CCMC403Co-operative Service Institutions in India	10/05/2018
MCom	19CBIC302Business Data Mining	22/04/2019
MCom	19CBIC303 Data Base Management System	22/04/2019
BE	CHMI702-Basics of Fluid Mechanics	10/05/2018
MCom	19CBIC401Business Intelligence Strategies and Process	22/04/2019
MCom	19CBIC403Business Visualisation Analysis	22/04/2019
MCom	19CBIP404 Practical - Business Visualization Analysis	22/04/2019
MCom	19CIBC302 Dynamics of Banking	10/05/2018
MCom	19CIBC303Principles and Practice of Life Insurance	10/05/2018
MCom	19CIBC401Bank Credit and Risk Management	10/05/2018
MCom	19CIBC403Principles and Practice of General Insurance	10/05/2018

MCom	19IESC15 Environmental Studies	22/04/2019
MCom	19ICSA23 Sustainability, Gender and Human values	22/04/2019
MCom	19ICEA37 Extension activities	22/04/2019
MCom	19ICSS38 Soft Skills 1: Communication Skills	22/04/2019
MCom	19ICOC45 Computerized Accounting System	22/04/2019
MCom	19ICSS48 Soft Skills 2: Personality Development	22/04/2019
MCom	19ICSS56 Soft Skills 3: Time and Stress Management	22/04/2019
MCom	19ICEL57 Experiential Learning	22/04/2019
MCom	19ICOC62 Taxation in India	22/04/2019
MCom	19INVE66 Value Education	22/04/2019
BBA	LGSP 309Cloud Computing Lab - I	22/04/2019
MCom	19ICSS67 Soft Skills 4: Employability Skills	22/04/2019
MCom	19ICDE 55.2 Advertisement Salesmanship and Sales Force management	22/04/2019
MCom	19ICDE 65.2 Retail Management	22/04/2019
MCom	19ICDE85.1Corporate Social Responsibility	22/04/2019
MCom	19ICDE95.1 Goods and Services Tax	22/04/2019
MCom	19ICIX75.3 Digital Banking	22/04/2019
MCom	19ICIX85.3 Stock Market Investing	22/04/2019
MCom	19ICIX95.3 Advertising Management	22/04/2019
MA	SOCC 304-Field Work and Record	10/05/2018
MSc	19IZOE35-1Aquaculture	22/04/2019
MSc	19IZOE35-2Pisciculture	22/04/2019
MSc	19IZOE55-1Bio-Informatics	22/04/2019
MSc	19ZOE55-2Medical Laboratory Techniques	22/04/2019
MSc	19BITC201Applied	22/04/2019

	Microbiology and Immunotechnology	
MSc	19IBTT14 Fundamentals of Biochemistry	22/04/2019
MSc	19IBTT33 Physiology	22/04/2019
MSc	19IBTT43 Bioinstrumentation	22/04/2019
MSc	19IBTT44 Basic Immunology	22/04/2019
MSc	19IBTT53 DNA Technology	22/04/2019
MSc	19IMBT83- Mycology & Parasitology	10/05/2018
MSc	19IMBT91 - Molecular Biology & Recombinant Dna Technology	10/05/2018
MSc	19IMBT92- Biofuel & Bioenergy	10/05/2018
MSc	19IMBT93- Microbial Inoculants And Mushroom Technology	10/05/2018
MSc	19IMBT94- Bioinstrumentation & Research Methodology	10/05/2018
MSc	MBSI307 Internship:	22/04/2019
MSc	MBSC401 Biochemical Techniques	22/04/2019
MSc	MBSC402 Drug Biochemistry	22/04/2019
MSc	MBSC403 Anti-doping and control	22/04/2019
MSc	MBSD404 Project Work including Presentation, Comprehensive Viva (Related to their Specialization selected)	22/04/2019
MSc	MPSC102 Cognitive Psychology	22/04/2019
MSc	MBSP406 Practical - IV Biochemical Techniques	22/04/2019
MPT	19MSPC101 Core 1: Applied Basic Medical Sciences	22/04/2019
MPT	19MSPC102 Core 2: Kinesiology & Biomechanics	22/04/2019
MPT	19MSPC103 Core 3: Assessment & Evaluation in Sports Physiotherapy	22/04/2019
MA	IECC-46 Tamil Nadu Economy (Core)	22/04/2019
MA	IECC-63 Marketing	22/04/2019

	Principles and Practice (Core)	
MA	IECC-94-5 Globalisation and Development	22/04/2019
MA	IECC - 94-6 Economics of Education	22/04/2019
MA	IECC-103 Economics of Climate Change	22/04/2019
MCom	19CAIC104 Digital Marketing	22/04/2019
MCom	19CAIC204 Business Analytics	22/04/2019
MCom	19CAIC304 Institutional Training/Internship	22/04/2019
MCom	19CAIC101 Business Environment	22/04/2019
MCom	19CAIC201 Human Resource Management	10/05/2018
MCom	19CAIC402 Corporate Tax Planning and Management	10/05/2018
MCom	19CCMC301 Co-operation in India	10/05/2018
MCom	19CCMC302 Co-operation in Foreign Countries	10/05/2018
MCom	19CCMC303 Co-operative Financial Institutions in India	10/05/2018
MCom	19CCMC401 Co-operative Management and Administration	10/05/2018
ME	EIMMMC15- Research Methodology and IPR	10/05/2018
ME	EIMMPC21- MEMS Technology	10/05/2018
ME	EIMMPEXX- Fundamentals of Nanoelectronics	10/05/2018
ME	EIMMPEXX- Photovoltaic devices technology	10/05/2018
ME	EIMMPEXX- Solar cell design and fabrication	10/05/2018
ME	EIMMPEXX- Introduction to nanomaterials	10/05/2018
MSc(Agriculture)	GSSC 711- Soil, Water and Air Pollution	10/05/2018
ME	EIMMPEXX- Design and synthesis of nanomaterials	10/05/2018
ME	EIMMPEXX- Characterization	10/05/2018

	techniques of nanomaterials	
ME	EIMMPEXX- Nano fabrication Techniques	10/05/2018
ME	EIMMOEXX- Solar panel design and Testing	10/05/2018
ME	EIMMOEXX- Advanced Nano FET modelling	10/05/2018
ME	EIMMACXX- English for Research Paper Writing	10/05/2018
ME	EIMMACXX- Disaster Management	10/05/2018
ME	EIMMACXX- Value Education	10/05/2018
ME	EIMMACXX- Constitution of India	10/05/2018
ME	EIMMACXX- Pedagogy Studies	10/05/2018
ME	EIMMACXX- Stress Management by Yoga	10/05/2018
ME	PMEMS405- SEMINAR	10/05/2018
ME	PEIMMMC13- Research Methodology and IPR	10/05/2018
ME	PEIMMPC21- MEMS Technology	10/05/2018
ME	PEIMMPEXX- Fundamentals of Nanoelectronics	10/05/2018
ME	PEIMMPEXX- Photovoltaic devices technology	10/05/2018
ME	PEIMMPEXX- Solar cell design and fabrication	10/05/2018
ME	PEIMMPEXX- Introduction to nanomaterials	10/05/2018
ME	PEIMMPEXX- Design and synthesis of nanomaterials	10/05/2018
ME	PEIMMPEXX- Characterization techniques of nanomaterials	10/05/2018
ME	PEIMMPEXX- Nano fabrication Techniques	10/05/2018
ME	PEIMMPEXX- Solar panel design and Testing	10/05/2018
ME	PEIMMPEXX- Introduction to MEMS simulation	10/05/2018
ME	EIPCMC15- Research Methodology and IPR	10/05/2018
ME	EIPCCP17- Instrumentation	10/05/2018

	System Design Lab	
ME	EIPCPC22- System Identification and Modelling	10/05/2018
ME	EIPCPEXX- Instrumentation in Petrochemical Industry	10/05/2018
ME	EIPCPEXX- Thermal Power Plant Instrumentation	10/05/2018
ME	EIPCPEXX- Virtual Instrumentation	10/05/2018
ME	EIPCPEXX- Advanced Process Control	10/05/2018
ME	EIPCPEXX- Robust Control	10/05/2018
ME	EIPCPEXX- Non Linear System Theory	10/05/2018
ME	EIPCPEXX- Robotics & Automation	10/05/2018
ME	EIPCPEXX- Artificial Intelligence for Process Control	10/05/2018
ME	EIPCPEXX- Real time Embedded System	10/05/2018
ME	EIPCOEXX- Digital Control	10/05/2018
ME	EIRICP17- Biosensors and Transducers Lab	10/05/2018
ME	EIRIOE XX- Radiological Equipments	10/05/2018
ME	EIRIOE XX- Computational Bioengineering	10/05/2018
ME	EIRIOEXX- Healthcare Systems	10/05/2018
ME	EIRIOEXX- Sports medicine	10/05/2018
ME	EIRIOEXX- Troubleshooting of Medical Equipments	10/05/2018
ME	EIRIOEXX- Design of Medical Equipments	10/05/2018
ME	EIRIACXX- English for Research paper writing	10/05/2018
ME	EIRIACXX- Disaster Management	10/05/2018
ME	EIRIACXX- Sanskrit for Technical Knowledge	10/05/2018
ME	EIRIACXX- Value Education	10/05/2018
ME	EIRIACXX- Constitution of India	10/05/2018
ME	EIRIACXX- Pedagogy Studies	10/05/2018

ME	EIRIACXX- Stress Management by Yoga	10/05/2018
ME	PEIPCM13- Research Methodology and IPR	10/05/2018
ME	PEIPCPC22- System Identification and Modeling	10/05/2018
ME	PEIPCCP33- Instrumentation System Design Lab	10/05/2018
ME	PEIPCTS43- Seminar/ Mini Project	10/05/2018
ME	PEIPCPEXX- Instrumentation in Petrochemical Industry	10/05/2018
ME	PEIPCPEXX- Thermal Power Plant Instrumentation	10/05/2018
ME	PEIPCPEXX-Virtual Instrumentation	10/05/2018
ME	PEIPCPEXX- Advanced Process Control	10/05/2018
ME	PEIPCPEXX- Robust Control	10/05/2018
ME	PEIPCPEXX- Non Linear System Theory	10/05/2018
ME	PEIPCPEXX- Robotics & Automation	10/05/2018
ME	PEIPCPEXX- Artificial Intelligence for Process Control	10/05/2018
ME	PEIPCPEXX- Real time Embedded System	10/05/2018
ME	PEIRIMC13- Research Methodology and IPR	10/05/2018
ME	PEIRICP33- Biosensors and Transducers Lab	10/05/2018
ME	PEIRIOEXX- Radiological Equipments	10/05/2018
ME	PEIRIOEXX- Computational Bioengineering	10/05/2018
ME	PEIRIOEXX- Healthcare Systems	10/05/2018
ME	PEIRIOEXX- Sports medicine	10/05/2018
ME	PEIRIOEXX- Troubleshooting of Medical Equipment	10/05/2018
ME	PEIRIOEXX- Design of Medical Equipment	10/05/2018

BE	ITPESCN- Software Defined Networks	10/05/2018
BE	ITPESCN- Information Retrieval	10/05/2018
BE	ITHESCN- Neural Networks and Deep Learning	10/05/2018
ME	ITITPESCN- Advanced image processing	22/04/2019
ME	ITITPESCN-Audio processing	22/04/2019
ME	ITITPESCN- Advanced wireless and mobile networks	22/04/2019
ME	ITITPESCN- Nature inspired metaheuristic optimization algorithms	22/04/2019
ME	ITITPESCN- Computer vision	22/04/2019
BE	MEPEXXX- Internal Combustion Engines	10/05/2018
BE	MEPEXXX- Mechatronic System	10/05/2018
BE	MEPEXXX- Microprocessors in Automation	10/05/2018
BE	MEPEXXX- Composite Materials	10/05/2018
BE	MEPEXXX- Computer Aided Design and Manufacturing	10/05/2018
BE	MEPEXXX- Refrigeration and Air Conditioning	10/05/2018
BE	MEPEXXX- Finite Element Analysis	10/05/2018
BE	MEPEXXX- Power Plant Engineering	10/05/2018
BE	MEPEXXX- Gas Dynamics and Jet Propulsion	10/05/2018
BE	MEPEXXX- Process Planning and Cost Estimation	10/05/2018
BE	MEPEXXX- Principles of Management	10/05/2018
BE	MEPEXXX- Automobile Engineering	10/05/2018
BE	MEPEXXX- Design of Transmission Systems	10/05/2018
BE	MEPEXXX- Total Quality Management	10/05/2018
BE	MEPEXXX- Energy Conservation and	10/05/2018

	Management	
BE	MEOEXXX- Automotive Engineering	10/05/2018
BE	MEOEXXX- Automotive Safety	10/05/2018
BE	MEOEXXX- Electric and Hybrid Vehicles	10/05/2018
BE	MEOEXXX- Computational Fluid Dynamics	10/05/2018
BE	MEOEXXX- Finite Element Methods	10/05/2018
BE	MEOEXXX- Energy Management in Buildings	10/05/2018
BE	MEOEXXX- Renewable Energy Technology	10/05/2018
BE	MEOEXXX- Industrial Pollution Prevention and Control	10/05/2018
BE	MEOEXXX- Power Plant Instrumentation	10/05/2018
BE	MEOEXXX- Introduction to Hydraulics and Pneumatics	10/05/2018
BE	MEOEXXX- Basic Thermodynamics and Heat Transfer	10/05/2018
BE	MEOEXXX- Energy Auditing	10/05/2018
BE	MEOEXXX- Energy Conservation	10/05/2018
BE	MEOEXXX- Solar Energy Utilization	10/05/2018
BE	MEOEXXX- Waste Heat Recovery Systems and Co Generation	10/05/2018
BE	MEOEXXX- Maintenance and Safety Engineering	10/05/2018
BE	MEOEXXX- Engine Pollution and Control	10/05/2018
BE	MEHE SCN- Computational Heat Transfer	10/05/2018
BE	MEHE SCN- Steam Engineering	10/05/2018
BE	MEHE SCN- Advanced Engines and Emission Systems	10/05/2018
BE	MEHE SCN- Energy Auditing	10/05/2018
BE	MEHE SCN- Mechanical Vibration and Its Application	10/05/2018

BE	MEHE SCN- Robotics	10/05/2018
BE	MEMI SCN- Basic Thermal Engineering	10/05/2018
BE	MEMI SCN- Instrumentation & Control	10/05/2018
BE	MEMI SCN- Elements of Heat Transfer	10/05/2018
ME	EIPCACXX- English for Research Paper Writing	10/05/2018
ME	EIPCACXX- Disaster Management	10/05/2018
ME	EIPCACXX- Sanskrit for Technical Knowledge	10/05/2018
ME	EIPCACXX- Value Education	10/05/2018
ME	EIPCACXX- Constitution of India	10/05/2018
ME	EIPCACXX- Pedagogy Studies	10/05/2018
ME	EIPCACXX- Stress Management by Yoga	10/05/2018
ME	EIPCACXX- Personality Development through Life Enlightenment Skills	10/05/2018
BE	CZPE505- Hydrology and Water Resources Engineering	10/05/2018
BE	MEMI SCN- Elements of Machine Design	10/05/2018
BE	MEMI SCN- Materials Science	10/05/2018
BE	MMOESCN- Neural Network and Fuzzy Logic	10/05/2018
BE	MMOESCN- Maintenance and Safety Engineering	10/05/2018
BE	MMOESCN- Precision Engineering and Nano-Technology	10/05/2018
BE	MMOESCN- Supply Chain Management	10/05/2018
ME	MEEMPESCN- Measurements and Controls in Thermal Engineering	10/05/2018
ME	MEEMPESCN- Energy Conversion Techniques	10/05/2018
ME	MEEMPESCN- Solar Energy and Wind Energy	10/05/2018
ME	MEEMPESCN- Bio Energy Conversion Technologies	10/05/2018

ME	MEEMPESCN- Boiler Technology	10/05/2018
ME	MEEMPESCN- Fluidized Bed Systems	10/05/2018
ME	MEEMPESCN- Design of Heat Exchangers	10/05/2018
ME	MEEMPESCN- Computational Heat Transfer	10/05/2018
ME	MEEMPESCN- Energy Storage Technologies	10/05/2018
ME	MEEMPESCN- Renewable Energy Systems	10/05/2018
ME	MEEMPESCN- Biomass Energy - Conversion and Conservation Techniques	10/05/2018
ME	MEEMPESCN- Biomass Gasification - Technology and Utilization	10/05/2018
ME	MEEMPESCN- Energy Auditing	10/05/2018
ME	MEEMPESCN- Waste Management and Energy Generation Techniques	10/05/2018
ME	MEEMOESCN- Nuclear Engineering	10/05/2018
ME	MEEMOESCN- Fuels and Combustion	10/05/2018
ME	MEEMOESCN- Numerical Analysis in Engineering	10/05/2018
ME	MEEMOESCN- Energy Management in Buildings	10/05/2018
ME	MEEMOESCN- Bio Energy Conversion	10/05/2018
ME	MEEMOESCN- Advanced Power Plant Engineering	10/05/2018
ME	MEEMACSCN- English for Research Paper Writing	10/05/2018
ME	MEEMEACSCN- Disaster Management	10/05/2018
ME	MEEMEACSCN- Value Education	10/05/2018
ME	MEEMACSCN- Pedagogy Studies	10/05/2018
ME	MEEMACSCN- Constitution Of India	10/05/2018
ME	MEEMACSCN- Stress Management By Yoga	10/05/2018
ME	METPPESCN- Nuclear	10/05/2018

	Engineering	
ME	METPOESCN- Fuels and Combustion	10/05/2018
ME	METPOESCN- Bio Energy Conversion	10/05/2018
ME	METPOESCN- Energy Management in Buildings	10/05/2018
ME	METPOESCN- Advanced Power Plant Engineering	10/05/2018
ME	METPACSCN- English for Research Paper Writing	10/05/2018
ME	METPACSCN- Disaster Management	10/05/2018
ME	METPACSCN- Sanskrit for Technical Knowledge	10/05/2018
ME	METPACSCN- Value Education	10/05/2018
ME	METPACSCN- Constitution of India	10/05/2018
ME	METPACSCN- Pedagogy Studies	10/05/2018
ME	METPACSCN- Stress Management by Yoga	10/05/2018
ME	METPACSCN- Personality Development through Life Enlightenment Skills	10/05/2018
BBA	LGSC 101Communicative English	22/04/2019
BBA	LGSC 102Customer Service Management	22/04/2019
BBA	LGSC 103Fundamentals of Logistics	10/05/2018
BBA	LGSC 104Principles of Management	22/04/2019
BBA	LGSC 105Business Statistics	22/04/2019
BBA	LGSC 106Materials Management	22/04/2019
BBA	LGSC 107Warehousing and Distribution Centre Operations	22/04/2019
BBA	LGSP 108Computer Practice Laboratory	22/04/2019
BBA	LGSP 109Communication Skill Laboratory	22/04/2019
BBA	LGSE 201MOOC Allied Course	22/04/2019
BBA	LGSP 202Material	22/04/2019

	Management Training	
BBA	LGSP 203 Warehouse Management Training	22/04/2019
BBA	LGSP 204 Apprenticeship - I	22/04/2019
BBA	LGSC 301 Life Coping Skills	22/04/2019
BBA	LGSC 302 Business Communication	22/04/2019
BBA	LGSC 303 Freight Forwarding (Ocean and Air Cargo)	22/04/2019
BBA	LGSC 304 Forecasting and Inventory Management	22/04/2019
BBA	LGSC 305 Surface Transportation	22/04/2019
BBA	LGSC 306 Human Resource Management	22/04/2019
BBA	LGSC 307 Management and Cost Accounting	22/04/2019
BBA	LGSP 308 Personality Development Laboratory	22/04/2019
MSc	19IBTT62- Pharmaceutical Biotechnology	22/04/2019
ME	VA-IL011- Intercultural Communication	10/05/2018
MSc	19IBTT64- Biotechnology and Human welfare	22/04/2019
MSc	19IBTT81- Applied Microbiology and Immunotechnology	22/04/2019
ME	CHCEOE26- Business Analytics	10/05/2018
MSc	19MIBC102- Pharmaceutical Chemistry & Pharmaceutical Microbiology	10/05/2018
MSc	19MIBC103- Immunology and Immunotechnology	10/05/2018
MSc	19MIBC202- Bioprocess Technology	10/05/2018
MSc	19MIBC203- Mycology & Parasitology	10/05/2018
MSc	19MIBC302- Biofuel & Bioenergy	10/05/2018
MSc	19MIBC303- Microbial Inoculants and Mushroom Technology	10/05/2018

MSc	19MIBC401- Medical diagnostic technology	10/05/2018
MSc	19MIBC402- Applied Microbiology	10/05/2018
MSc	19IMBT72- Pharmaceutical Chemistry & Pharmaceutical Microbiology	10/05/2018
MSc	19IMBT73- Immunology &Immuno Technology	10/05/2018
ME	CZSEPC11-Advanced structural analysis	22/04/2019
ME	CZSEPC12-Advanced Solid Mechanics	22/04/2019
ME	CZSECP16- Structural Design Lab	22/04/2019
ME	CZSECP17-Advanced Concrete Lab	22/04/2019
ME	CZSECP25- Model Testing Lab	22/04/2019
ME	CZSECP26-Numerical Analysis Lab	22/04/2019
ME	CZSEPEXX-Theory of Application of Cement Composites	22/04/2019
ME	CZSEPEXX-Structural Health Monitoring	22/04/2019
ME	CZSEPEXX- Advanced Steel Design	22/04/2019
ME	CZSEPEXX-Design of High Rise Structures	22/04/2019
ME	CZSEPEXX-Design of Industrial Structures	22/04/2019
ME	CZSEPEXX-Analytical and Finite Element Analysis of Laminated Composite Plates	22/04/2019
ME	CZSEPEXX-Fracture Mechanics of Concrete Structures	22/04/2019
ME	CZSEOEXX- Business Analytics	22/04/2019
ME	CZSEOEXX-Industrial Safety	22/04/2019
ME	CZSEOEXX-Operations Research	22/04/2019
ME	CZSEOEXX-Cost Management of Engineering Projects	22/04/2019

ME	CZSEOEXX-Composite Materials	22/04/2019
ME	CZSEOEXX-Waste to Energy	22/04/2019
ME	CZSEACXX-English for Research Paper Writing	22/04/2019
ME	CZSEACXX-Disaster Management	22/04/2019
ME	CZSEACXX- Sanskrit for Technical Knowledge	22/04/2019
ME	CZSEACXX-Value Addition	22/04/2019
ME	CZSEACXX- Constitution of India	22/04/2019
ME	CZSEACXX-Pedagogy Studies	22/04/2019
ME	CZSEACXX-Stress Management by Yoga	22/04/2019
ME	CZSEACXX- Personality Development through Life Enlightenment Skills	22/04/2019
ME	CZCMCP16- Construction Project Management Lab	10/05/2018
BE	EEPC702Industrial electrical systems	10/05/2018
BE	EEPECNElectrical energy conservation and auditing	10/05/2018
BE	EEPECN Electrical and hybrid vehicles	10/05/2018
BE	EEPECN Wind and solar energy systems	10/05/2018
BE	EEPECN Control systems design	10/05/2018
BE	EEPECN Micro electro mechanical systems	10/05/2018
BE	EEOESCN Electrical safety engineering	10/05/2018
BE	EEOESCN Soft computing tools for electrical engineering	10/05/2018
BE	EEHESCN Power system dynamics and control	10/05/2018
BE	EEHESCN Flexible ac transmission system	10/05/2018
BE	EEHESCN High Voltage Engineering	10/05/2018
ME	EEESPC13- Research Methodology and IPR	10/05/2018
ME	PEEESOEXX- Business Analytics	10/05/2018

ME	PEEESOEXX- Industrial Safety	10/05/2018
ME	PEEESOEXX- Cost Management of Engineering Projects	10/05/2018
ME	PEEESOEXX-Waste To Energy	10/05/2018
ME	EEESACXX- English for Research Paper Writing	10/05/2018
ME	EEESACXX- Disaster Management	10/05/2018
ME	EEESACXX- Sanskrit to Technical Knowledge	10/05/2018
ME	EEESACXX- Value Education	10/05/2018
ME	EEESACXX- Pedagogy Studies	10/05/2018
ME	EEESACXX- Stress Management and Yoga	10/05/2018
ME	EEESACXX- Personality Development Through Life Enlightenment Skill	10/05/2018
ME	EEPSPExx- Electric and Hybrid Vehicles	22/04/2019
ME	EEPSPExx-SCADA System and Applications	22/04/2019
ME	EEPSPExx- FACTS and Custom Power Devices	22/04/2019
ME	EEPSPExx- Industrial Load Modelling and Control	22/04/2019
ME	EEPSOExx- Business analytics	22/04/2019
ME	EEPSOExx-Industrial safety	22/04/2019
ME	EEPSOExx- Operations research	22/04/2019
ME	EEPSOExx-Cost Management of Engineering Projects	22/04/2019
ME	EEPSOExx- Composite materials	22/04/2019
ME	EEPSOExx-Waste to Energy	22/04/2019
ME	EEPSACxx- Disaster Management	22/04/2019
ME	EEPSACxx- Sanskrit for Technical Knowledge	22/04/2019
ME	EEPSACxx- Value Education	22/04/2019
ME	EEPSACxx- Constitution of India	22/04/2019
ME	EEPSACxx- Pedagogy	22/04/2019

	Studies	
ME	EEPSACxx-Stress Management by Yoga	22/04/2019
ME	EEPSACxx- Personality Development through Life Enlightenment Skills	22/04/2019
BE	CSPC702- Embedded Systems and IOT	10/05/2018
BE	CSPESEN- Cryptography And Network Security	10/05/2018
BE	CSPESEN- Machine Learning	10/05/2018
BE	CSPESEN- Speech Processing and Synthesis	10/05/2018
BE	CSPESEN- Information Retrieval Techniques	10/05/2018
BE	CSOESN- Internet of Things	10/05/2018
BE	CSHESN- Nano Computing	10/05/2018
BE	CSHESN- Deep Learning	10/05/2018
BE	CSMISN- Computer Networks	10/05/2018
BE	CSMISN- Mobile App Development	10/05/2018
BE	CSMISN- Internet of Things	10/05/2018
BE	CSMISN- Bigdata Analytics	10/05/2018
BE	CSMISN- Social Network Analysis	10/05/2018
BE	CSES303- Analog Electronic Circuits	10/05/2018
BE	CSES304- Digital Electronics	10/05/2018
BE	CSSP307- Digital Electronics Lab	10/05/2018
BE	CSCP309- Object Oriented Programming Lab	10/05/2018
BE	ETIT310- Internship Inter/Intra Institution Activities	10/05/2018
BE	ETSP105- Electrical Engineering Lab	10/05/2018
BE	ETES203- Programming for Problem Solving	10/05/2018
BE	CSES402- Design and Analysis of Algorithm	10/05/2018
BE	ETIT510- Industrial Train	10/05/2018

	ing/Rural/Internship/Innovation/Entrepreneurship	
BE	CSCP608- Software Engineering Lab	10/05/2018
BE	CSCP706- Embedded Systems and IOT Lab	10/05/2018
BE	CSPESCN- Web Technology	10/05/2018
BE	CSPESCN- Web Application Frame Work	10/05/2018
BE	CSPESCN- Open Source Programming	10/05/2018
BE	CSPESCN- Soft Computing Techniques	10/05/2018
BE	CSHESCN- Software Project Management	10/05/2018
BE	CSHESCN- Artificial Intelligence	10/05/2018
BE	CSHESCN- Graph Theory	10/05/2018
BE	CSHESCN- Operation Research	10/05/2018
BE	CSHESCN- Parallel And Distributed Algorithm	10/05/2018
BE	CSHESCN- Digital Water Marking and Stegnography	10/05/2018
BE	CSMISCN- Object Oriented Programming	10/05/2018
BE	CSMISCN- Database Management System	10/05/2018
BE	CSMISCN- Software Engineering	10/05/2018
BE	ETBP104- Physics Laboratory	10/05/2018
BE	ETIT310- Internship Inter/Intra Institutional Activities*	10/05/2018
BE	ECBS401- Probability Theory and Stochastic Process	10/05/2018
BE	ECPC403- Analog Circuits	10/05/2018
BE	ECPC504- Electromagnetic Waves	10/05/2018
BE	ETIT510- Industrial Training /Rural Internship/Innovation / Entrepreneurship	10/05/2018
BE	ECCP607- Embedded Systems Lab	10/05/2018
BE	ETIT707- Industrial	10/05/2018

	Training /Rural Internship/Innovation / Entrepreneurship	
BE	ECPESCN- Digital Image and Video Processing	10/05/2018
BE	ECPESCN- Mixed Signal Design	10/05/2018
BE	ECPESCN- Wireless Sensor Networks	10/05/2018
BE	ECPESCN- High Speed Electronics	10/05/2018
BE	ECPESCN- Nano Electronics	10/05/2018
BE	ECPESCN- Scientific Computing	10/05/2018
BE	ECPESCN- Introduction to MEMS	10/05/2018
BE	ECPESCN- Digital Design Through Verilog	10/05/2018
BE	ECHEHCN- CMOS Analog IC Design	10/05/2018
BE	ECHEHCN- Adaptive Signal Processing	10/05/2018
BE	ECHEHCN- Speech and Audio Processing	10/05/2018
BE	ECHEHCN- Mobile Communication and Networks	10/05/2018
ME	ECCSMC15-Research Methodology and IPR	22/04/2019
ME	ECCSCP17 - Advanced Digital Signal Processing Lab	22/04/2019
ME	ECCSCP26 -Advanced Radiation Systems Lab	22/04/2019
ME	ECCSTS27 -Industrial Training and Seminar / Mini Project	22/04/2019
ME	ECCSPESC-Error Control Coding	22/04/2019
ME	ECCSOESC -Business Analytics	22/04/2019
ME	ECCSOESC -Industrial Safety	22/04/2019
ME	ECCSOESC - Operations Research	22/04/2019
ME	ECCSOESC - Cost Management of Engineering Projects	22/04/2019

ME	ECCSOESC -Composite Materials	22/04/2019
ME	ECCSACSC -Waste to Energy	22/04/2019
ME	ECCSACSC -English for Research Paper Writing	22/04/2019
ME	ECCSACSC -Disaster Management	22/04/2019
ME	ECCSACSC - Sanskrit for Technical Knowledge	22/04/2019
ME	ECCSACSC - Value Education	22/04/2019
ME	ECCSACSC -Constitution of India	22/04/2019
ME	ECCSACSC - Pedagogy Studies	22/04/2019
ME	ECCSACSC -Stress Management by Yoga	10/05/2018
ME	ECCSACSC -Personality Development through Life Enlightenment Skills	22/04/2019
BE	ETIT310- Internship Inter / Intra Institutional Activities	10/05/2018
ME	MEPTPESCNC- Energy Conservation and Management	10/05/2018
ME	METPESCNC- Air Conditioning System Design	10/05/2018
ME	METPESCNC- Gas Turbines	10/05/2018
ME	METPESCNC- Refrigeration and Cryogenics	10/05/2018
ME	METPESCNC- Design of Heat Exchangers	10/05/2018
ME	METPESCNC- Computational Fluid Dynamics	10/05/2018
ME	METPESCNC- Modelling of IC Engines	10/05/2018
ME	METPESCNC- Solar Energy and Wind Energy	10/05/2018
ME	METPESCNC- Advanced Mathematical Methods in Engineering	10/05/2018
ME	METPOESCNC- Waste to Energy	10/05/2018
ME	METPOESCNC- Industrial Safety	10/05/2018
ME	METPOESCNC- Nuclear	10/05/2018

	Engineering	
BBA	LGSE 401MOOC Allied Course	22/04/2019
BBA	LGSP 402Surface Transportation Training	22/04/2019
BBA	LGSP 404Apprenticeship - II	22/04/2019
BBA	LGSC501MIS for Logistics	22/04/2019
BBA	LGSC502International Logistics Management	22/04/2019
BBA	LGSC503Marketing Management	22/04/2019
BBA	LGSC504Retail Logistics and E-Commerce	22/04/2019
BBA	LGSC505Logistic Network Design	22/04/2019
BBA	LGSC506Port Terminal Logistics	22/04/2019
BBA	LGSC507Linear Logistics	22/04/2019
BBA	LGSP 508Employability Skill Lab	22/04/2019
BBA	LGSP 509Cloud Computing Lab -II	22/04/2019
BBA	LGSE601MOOC Allied Course	22/04/2019
BBA	LGSP 602Logistic Network Design Training	22/04/2019
BBA	LGSP 603Freight Forwarding Training	22/04/2019
BBA	LGSP 604Apprenticeship - III	22/04/2019
BVoc	MTRC101 Communicative English	22/04/2019
BVoc	MTRC102 Introduction to Computers	22/04/2019
BVoc	MTRC103Life Coping Skill	22/04/2019
BVoc	MTRC104 Mechanical Engineering Basics	22/04/2019
BVoc	MTRC105 Technical Drawing Mechanical	22/04/2019
BVoc	MTRP106Language Laboratory	22/04/2019
BVoc	MTRP107Bench Work-Electrical	22/04/2019
BVoc	MTRP108 Bench Work-Mechanical	22/04/2019
BVoc	MTRP109Computer Laboratory	22/04/2019

BVoc	MTRP110Skill /OJ Training	22/04/2019
BVoc	MTRC201Soft Skill and Personality Development	22/04/2019
BVoc	MTRC202Materials Technology	22/04/2019
BVoc	MTRC203Technical Drawing - Electrical	22/04/2019
BVoc	MTRC204Manufacturing Methods Basics	22/04/2019
BVoc	MTRC205Electrical Fundamentals	22/04/2019
BVoc	MTRP206Electrical Fitting Automation	22/04/2019
BVoc	MTRP207Assembly Technology	22/04/2019
BVoc	MTRP208 Soft Skill and personality Development Laboratory	22/04/2019
BVoc	MTRP209CAD/CAM Electrical	22/04/2019
BVoc	MTRP210Industrial Training	22/04/2019
BPEd	BPEd101Work education through community engagement	22/04/2019
MSc(Agriculture)	AGR 613- Agro Meteorology and Crop Weather Forecasting	10/05/2018
MSc(Agriculture)	AGR 711- Organic Farming and Precision Agriculture	10/05/2018
MSc(Agriculture)	AGR 712- Dry Farming and Water Shed Management	10/05/2018
PhD or DPhil	AGR815 Environmental protection and pollution management	22/04/2019
PhD or DPhil	AGR824 Advances in crop ecology	22/04/2019
MSc(Agriculture)	GGPB84 Ph.D. Agricultural Biotechnology	22/04/2019
PhD or DPhil	AGR825 Principles and practices of organic farming	22/04/2019
PhD or DPhil	AGR 826 Mooc courses	22/04/2019
MSc(Agriculture)	GSSC611- Soil genesis, taxonomy and survey	10/05/2018
MSc(Agriculture)	GSSC 612 - Analytical Techniques in soil and plant analysis and isotopes in agricultural	10/05/2018

	research (2+1)	
MSc(Agriculture)	GSSC 623- Remote sensing and GIS techniques for soil and crop studies	10/05/2018
BE	ETIT510- Industrial Training / Rural Internship / Innovation / Entrepreneurship	10/05/2018
BE	ETIT707- Industrial Training / Rural Internship / Innovation / Entrepreneurship	10/05/2018
BE	EIOESCN- Transducer Engineering	10/05/2018
BE	EIOESCN- Test and Measuring Instruments	10/05/2018
BE	EIOESCN- Measurements in Process Industries	10/05/2018
BE	EIOESCN- Industrial Automation and Control	10/05/2018
MA	ISOC94 Field Work and Report	10/05/2018
MA	IPDC 24Mortality	10/05/2018
MA	IPDC 65Community Outreach Programme	10/05/2018
MA	IPDC 72Environmental Management	10/05/2018
MA	IPDC 83Morbidity and Epidemiology	10/05/2018
MA	IPDC 93Practical II	10/05/2018
MA	IPDC94Field Study Report	10/05/2018
MBA	19BDLC302 Introduction to Business Analytics	22/04/2019
MBA	19BFMC302-Introduction to Business Analytics	22/04/2019
MBA	19BFME 208 Behavioural Finance	22/04/2019
MBA	19BMKC302 Introduction to Business Analytics	22/04/2019
MBA	19BHRC302 Introduction to Business Analytics	22/04/2019
MBA	19BIBC302 Introduction to Business Analytics	22/04/2019
MBA	19BBAE407Social & Web Analytics	22/04/2019
MBA	19BBAE406 Machine Learning	22/04/2019
MBA	19BBAE206 Data Science	22/04/2019

MBA	19BBAE207 Business Intelligence - Big Data & Cloud Computing	22/04/2019
MBA	19BBAE306 Predictive Analysis & Modelling	22/04/2019
MBA	19BBAC105 E - Business Management	22/04/2019
MBA	19BBAC106 Introduction to R Program	22/04/2019
MBA	19BBAC203 Python for Decision Science (Practical)	22/04/2019
MBA	19BBAC301 Data Visualization (HADOOP / TABLEU)	22/04/2019
MBA	19BBAC302 E-Governance and Cyber Law	22/04/2019
MBA	19BBAC304 SQL (Practical)	22/04/2019
MBA	19BBAC401 Operations and Supply Chain Analytics	22/04/2019
MBA	19BBAC402 Human Resource Analytics	22/04/2019
MBA	19BBAC403 Finance and Risk Analytics	22/04/2019
MBA	19BBAC404 Marketing and Retail Analytics	22/04/2019
MBA	19BIFC302 Rural Infrastructure Planning & Management	22/04/2019
MBA	19BIFC401 IT Infrastructure Management	22/04/2019
MBA	19BIFC403 Supply Chain Management For Infrastructure	22/04/2019
MBA	19BIFC406 International Infrastructure Management	22/04/2019
MBA	19BIFE207 Infrastructure Planning	22/04/2019
MBA	19BIFE208 Strategic Planning For Infrastructure Sectors	22/04/2019
MBA	19BIFE307 Value Engineering	22/04/2019
MBA	19BIFE308 Project Procurement and Quality Management In Construction	22/04/2019
MBA	19BIFE407 Environmental Impact and Risk	22/04/2019

	Assessment	
MBA	19BIFE408 Disaster Mitigation and Management	22/04/2019
MLibISc	LIBE 105 -Information Literacy/Health science Library and information system	10/05/2018
MSc	19IZOPJ104Project	22/04/2019
MSc	19IZOE15-1Medical Entomology	22/04/2019
MLibISc	LIBE 205 Green library technology/ E publishing	10/05/2018
MSc	19IZOE15-2Bio-Physics	22/04/2019
MPT	19MSPC104Core 4: Research & Educational Methodology	22/04/2019
MPT	19MSPD106Dissertation-I: Research: Review of Literature	22/04/2019
MPT	19MSPC201Core 6: Applied Para Clinical Sciences	22/04/2019
MPT	19MSPC202Core 7: Sports Biomechanics &Kinanthropometry	22/04/2019
MPT	19MSPC203Core 8: Physiotherapy Methods	22/04/2019
MPT	19MSPC204Core 9: Sports Traumatology	22/04/2019
MPT	19MSPP205Core 10: Clinical Training - II	22/04/2019
MPT	19MSPD206Dissertation-II: Research: Posting to collect the pilot data	22/04/2019
MPT	19MSPC301Core 11: Sports Physiotherapy Methods	22/04/2019
MPT	19MSPC302Core 12: Medical Aspects of Sports Medicine	22/04/2019
MPT	19MSPC303Core 13: Exercise Physiology & Nutrition	22/04/2019
MPT	19MSPC304Core 14: Non-Traumatic Medical Conditions ofAthletes	22/04/2019
MPT	19MSPP305Core 15: Clinical Training - III	22/04/2019
MPT	19MSPD306Dissertation-III:(Research data collection and compilation)	22/04/2019

MPT	19 MSPC401Core 13: Sports Psychology	22/04/2019
MPT	19 MSPC402Core 14: Applied Exercise Physiology	22/04/2019
MPT	19 MSPC403Core 15: Life Style Medicine	22/04/2019
MPT	19 MSPC404Core 16: Current Concepts in Sports Medicine	22/04/2019
MPT	19 MSPP405Core 17: Clinical Training IV	22/04/2019
MPT	19MSPD405Dissertation-IV: (Thesis Submission) Project Report & Viva-Voce	22/04/2019
MSc	MPSC101Research Methodology	22/04/2019
MSc	19MBTC 305-Bio entrepreneurship	10/05/2018
MSc	19CAQC 304-Bio entrepreneurship	10/05/2018
MSc	19IOST 95-Marine Recreation	10/05/2018
ME	VASC- 011- Impact Of Medicinal Plants On Society	10/05/2018
ME	CEEEACXX - Constitution of India	10/05/2018
ME	CEEEACXX - Disaster Management	10/05/2018
ME	CEEEACXX - English for Research Paper Writing	10/05/2018
ME	CEEEACXX - Pedagogy Studies	10/05/2018
ME	CEEEACXX - Personality Development Through Life Enlightenment Skills	10/05/2018
ME	CEEEACXX - Sanskrit for Technical Knowledge	10/05/2018
ME	CEEEACXX - Stress Management by Yoga	10/05/2018
ME	CEEEACXX - Value Education	10/05/2018
ME	CEEEOEEXX - Business Analytics	10/05/2018
ME	CEEEOEEXX - Composite Materials	10/05/2018

ME	CEEEOEEXX - Cost Management of Engineering Projects	10/05/2018
ME	CEWROE XX- Groundwater Contaminant Transport Modelling	10/05/2018
ME	CEWROE XX- Coastal Engineering	10/05/2018
ME	CEWROEEXX- Water Quality Modelling	10/05/2018
ME	CEWROEEXX- Integrated Water Resource Management	10/05/2018
ME	CEWRACXX- Constitution of India	10/05/2018
ME	CEWRACXX- Disaster Management	10/05/2018
ME	CEWRACXX- English for Research Paper Writing	10/05/2018
ME	CEWRACXX- Pedagogy Studies	10/05/2018
ME	CEWRACXX- Personality Development Through Life Enlightenment Skills	10/05/2018
ME	CEWRACXX- Sanskrit for Technical Knowledge	10/05/2018
ME	CEWRACXX- Stress Management by Yoga	10/05/2018
ME	CEWRACXX- Value Education	10/05/2018
ME	CEWROEEXX- Composite Materials	10/05/2018
ME	CEWROEEXX- Cost Management of Engineering Projects	10/05/2018
BE	EIOESCN- Nano Materials and Nano Electronics	10/05/2018
BE	EIOESCN- Instrumentation in Petrochemical Industries	10/05/2018
BE	EIHESCN- Industrial Safety	10/05/2018
BE	EIHESCN- Process Data Analytics	10/05/2018
BE	EIHESCN- SCADA Systems and Application	10/05/2018
MSc(Agriculture)	GSSC 712- Soil Health Management	10/05/2018
MSc(Agriculture)	GGPB23 OPC 621- Concept of Crop Physiology	10/05/2018
MSc(Agriculture)	GGPB23 OPC 621- Concept	10/05/2018

	of Crop Physiology	
MSc(Agriculture)	GGPB23 OPC 621- Concept of Crop Physiology	10/05/2018
MSc(Agriculture)	GGPB23 OPC 711- Germplasm collection, exchange and quarantine	10/05/2018
MSc(Agriculture)	AGM 623 Environmental Microbiology	10/05/2018
MSc(Agriculture)	AGM 624 Microbial Management of Organic Waste	10/05/2018
MSc(Agriculture)	OPCAGM 712 Industrial Microbiology	10/05/2018
PhD or DPhil	AGM 823 Algal Biotechnology	22/04/2019
PhD or DPhil	AGM 824 Microbial Biotechnology	22/04/2019
MSc(Agriculture)	GPAT 612- Plant Bacteriology	10/05/2018
MSc(Agriculture)	GPAT 622- Disease Resistance, Epidemiology and forecasting of plant diseases	10/05/2018
MSc(Agriculture)	GPAT 711- Biological control of crop diseases	10/05/2018
MSc(Agriculture)	GPAT 712- Mushroom technology	10/05/2018
MSc(Agriculture)	OPS711- Productive Insects and Weed Killers	10/05/2018
MSc(Agriculture)	ENT 712- Pest Management in Organic Farming	10/05/2018
PhD or DPhil	ENT 811-Techniques in Entomological Research	10/05/2018
PhD or DPhil	ENT 815-Entrepreneurial Entomology	10/05/2018
PhD or DPhil	ENT 824- Advances in Non-Insect Pest Management	10/05/2018
PhD or DPhil	ENT 825- Insect Pests Management in Organic Farming	10/05/2018
MBA	EAM 711- Farm Business Management	10/05/2018
MBA	EAM 712- Rural and Service Marketing	10/05/2018
MBA	EAM 713- Management of Agricultural Input marketing	10/05/2018
MBA	EAM 714- Capital and Commodity Markets	10/05/2018

MBA	PGS 623- Basic Analytical Techniques	10/05/2018
MSc(Agriculture)	PGS 623- Basic Analytical Techniques	10/05/2018
MSc(Agriculture)	OPC AEC 711- Agri Business Analysis	10/05/2018
MSc(Agriculture)	OPC AEC 712- Agricultural Insurance and Risk Management	10/05/2018
MSc(Agriculture)	OPC -FSC 712-Genetic resources and conservation of fruit crops	10/05/2018
MSc(Agriculture)	OPC VSC 712-Hi-tech vegetable production	10/05/2018
MSc(Agriculture)	OPC PSM 712-Genetic resources and conservation of medicinal and aromatic crops	10/05/2018
MSc(Agriculture)	OPC HOR 711 -Plant propagation and nursery management	10/05/2018
MSc(Agriculture)	FSC624-Post harvest technology of fruit crops	10/05/2018
MSc(Agriculture)	FSC623-Organic fruit production	10/05/2018
MSc(Agriculture)	VSC 623-Organic vegetable production	10/05/2018
MSc(Agriculture)	FLA 622-CAD for Outdoor and Indoor scaping	10/05/2018
MSc(Agriculture)	FLA 624-Turfing and turf management	10/05/2018
MSc(Agriculture)	FLA 623-Value addition in flowers	10/05/2018
MSc(Agriculture)	PSM 623 Organic production of spices and plantation crops	10/05/2018
MSc(Agriculture)	PSM 624 Under exploited medicinal and aromatic plants	10/05/2018
MSc(Agriculture)	AEX 624- Gender sensitization and empowerment	10/05/2018
MSc(Agriculture)	PGS 623- Laboratory Techniques for audio and video production	10/05/2018
MSc(Agriculture)	OPC 711- Farm Journalism	10/05/2018
MSc(Agriculture)	OPC 712- Introduction to Visual Communication and	10/05/2018

	Advertising Technologies	
MSc(Agriculture)	AEX 613- Cyber Extension for FarmTechnologies	10/05/2018
PhD or DPhil	AEX 813-Advances in Training Technology and Development	10/05/2018
PhD or DPhil	AEX 814-Trends in E-extension for Agricultural Development	10/05/2018
PhD or DPhil	AEX 815-Media Management	10/05/2018
PhD or DPhil	AEX 823- Advanced Management Techniques	10/05/2018
PhD or DPhil	AEX 824- Transfer of Technology in Agriculture	10/05/2018
PhD or DPhil	AEX 825-Entrepreneurship Development	10/05/2018
PhD or DPhil	6 Medical Laboratory Technology	10/05/2018
BSc	69 Medical Imaging Technology	10/05/2018
MSc	SSPO21 M.Sc. Sports Biomechanics (Two Year) 19MSBC401Core 10: Biomechanical Analysis of Sports Skills	22/04/2019
MSc	MPSC403Introduction to Social Psychology	22/04/2019
BBA	LGSP 403Forecasting and Inventory Management Training	22/04/2019
MSc(Agriculture)	OPC-FLA 712-Ornamental horticulture	10/05/2018
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Sports Nutrition	02/07/2018
MPT	Sports Physiotherapy	02/07/2018
MSc	Sports Psychology	02/07/2018
MSc	Yoga	02/07/2018
BVoc	Aquaculture	02/07/2018
BVoc	Hospital Instrumentation and Management	02/07/2018
MCom	Accounting Information System	02/07/2018
MCom	Co-operative Management	02/07/2018

MCom	International Business, Banking and Insurance	02/07/2018
MSc	Strength and Conditioning	02/07/2018
MSc	Sports Biomechanics	02/07/2018
MSc	Exercise Physiology	02/07/2018
MSc	Sports Biochemistry	02/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
General Studies for Civil Service Competitive Examinations	10/05/2018	239
Speaking and Writing Effectively: A practical course	10/05/2018	54
English for effective Communication	10/05/2018	92
Impact of Medicinal Plants on society	10/05/2018	93
Seafood Processing Technology	10/05/2018	393
Inter Cultural Communication	10/05/2018	26
Introduction to Data Science	10/05/2018	126
Modern Pedagogical Techniques	10/05/2018	124
Introduction of South Indian Music Vocal	10/05/2018	221
Theory of Music Vocal	10/05/2018	366
Microbial Inoculants Production Technology	10/05/2018	36
First Aid and Emergency Care	10/05/2018	435
Income Tax and GST Assessment Methods	10/05/2018	45
Integrated Agripreneurship Development	10/05/2018	12
CRM IN EBanking	10/05/2018	33
Advanced Level Inter Cultural Communication	10/05/2018	62
Advanced Data Science	10/05/2018	16
Essentials of Educational Technology	10/05/2018	251
Principles of Plant	10/05/2018	13

Propagation		
Health and Fitness	10/05/2018	66
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	M.A. Sociology (Five year Integrated) Field project	16
MA	M.A. Sociology (Two year) Project Field project	1
MSW	M.S.W. Project	11
MBA	M.B.A. Financial Management Final year Project	22
MBA	M.B.A. Marketing Management Final year Project	21
MBA	M.B.A. Human Resource Management Final year Project	33
MBA	M.B.A. International Management Final year Project	9
MA	M.A. Population studies -Field Project	6
MSc	M.Sc. Statistics - Student Project	13
MSc	M.Sc. Chemistry - Summer Training	3
MSc	Department of Earth Science - Internship	112
MSc	Department of Microbiology - Internship	26
MCA	M.C.A. Final year project	50
MSc	M.Sc. Biotechnology (Five year Integrated)	1
MSc	M.Sc. Marine Biology and Oceanography	3
MSc	M.Sc. Marine Biotechnology	8
BVoc	B.Voc. Aquaculture	24
BFSc	B.F.Sc.	17
MSc	M.Sc. Ocean Science and Technology (5 years Integrated)	1
BE	B.E. Chemical Engineering	81

ME	M.E./M.Tech.ChemicalEngineering	2
Mtech	M.Tech.Industrial Biotechnology	3
Mtech	M.Tech. Food processing technology	3
Mtech	M.Tech. Industrial safety Engineering	8
BE	B.E. Civil Engineering	40
ME	M.E. Environmental Engineering	16
ME	M.E. Water Resource Engineering	11
ME	M.E. Structural Engineering	19
ME	M.E. Construction Engineering & Management	17
ME	M.E. (Power Systems)	26
ME	M.E. (Embedded Systems)	6
ME	M.E. Computer Science Engineering	7
BE	B.E. Electricals and Electronics	71
BE	B.E. Electronics and Communication Engineering	20
BE	B.E.Electronics and Instrumentation	50
ME	M.E.Microelectronics and MEMS	1
ME	M.E.Process Control and Instrumentation	2
BE	B.E. (IT) - Web development	10
ME	M.E. (IT) - Training on Python	1
ME	M.E., Communication Systems	29
ME	M.E. Energy Engineering & Management	8
ME	M.E. Thermal Power Engineering	16
BE	B.E Mechanical Engineering	8
BE	B.E. Manufacturing and M.E. Manufacturing	19
MPharm	M.Pharm. Pharmacology	1

MPharm	M.Pharm. QA	1
Pharm D	Pharm. D Fifth Year (Project)	30
Pharm D	Pharm. D Sixth year (Internship)	32
BEd	Internship (B.Ed.- Teaching Practice for 140 days)	123
MPed	Internship - Coaching Practice to the Schools - Final Year Students(MPed&BPed) - split	153
MPed	Internship - Teaching Practice to the Schools - I Year PG Students (MPed & BPed, BPES) - split	336
MSc	M.Sc. Applied Psychology (Institutional Training)	10
MSc	M.Sc. Clinical Psychology (Project)	30
MSc	M.Sc .Yoga Village Placement Programme	3
BSc(Agriculture)	Rural Economics and Agro Industrial Attachment (REIA) Programme - field project	969
MBA	M.B.A. Agribusiness Managaement In-Plant Training	19
BSc(Agriculture)	Rural Agricultural Work Experience Programme - field project	977
BSc(Agriculture)	Horticulture - Experiential Learning and RHWE Courses	63
MD	Kidwai memorial Institute of Oncology, Bangalore	5
MD	Madras ENT Research Foundation, Chennai	5
MD	MD Obstetrics &Gynaecology Super speciality Posting in Gynaecology, Infertility	12
MS	M.S. General Surgery Super speciality Posting	18
MBBS	Super Speciality Posting in Neurology, Nephrology, Cardiology, Paediatric Surgery, Pulmonology In	1

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The institution periodically evaluates the teachers performance and curricular aspects by way of getting students feedback at the end of each semester through online. The feedback tools emphasize the knowledge of the teacher on the subject, teaching skill, interactive teaching, use appropriate examples, illustrations, special care for weak students, supply of reading materials, use of audiovisual aids, etc. The Head of the Department receives the feed backs from Annamalai Biometric Centre (ABC) and discuss in the staff meeting. The minutes of the meetings are sent to authorities for necessary evaluation and decisionmaking process. At University level, an Academic Director is overseeing the activity to identify and evaluate the strength and weakness to improve University policy to ensure continual improvement in teaching and learning process and for providing quality education to the students. The feedback from alumni, industrial stakeholders and other relevant statutory bodies are obtained from time to time and the suggestions are discussed in the boards of studies and other relevant forums for implementation of valuable suggestions in the syllabus. The feedback obtained are meticulously analysed so that the suggestions are implemented to enhance the academic standards. The feedback system sustains the healthy relationship between students and teachers. When students demand their needs and demands regarding the components of the syllabus, it is immediately taken into account to cater to their growing academic needs. The syllabus is restructured or reframed based on the feedback of students. The feedback system plays a decisive role in bringing out a pragmatic outlook among teachers. Teachers are immensely benefitted by acknowledging the academic aspirations of the younger generation. The feedback facilitates an introspective academic routine reinforcing the need of updating among the teachers of the department. Above all, the feedback system channelizes both the philosophical and pragmatic visions of the teachers to cater to the academic quest of student community.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MD	M.D. [Dermatology, Venerology & Leprosy]	4	0	4

MD	M.D. [PMR]	1	0	1
MD	M.D [Psychiatric]	2	0	2
MS	M.S. [General Surgery]	18	0	18
MS	M.S. [Ophthalmology]	4	0	3
MS	M.S. [Otorhinol aryngology]	4	0	4
MS	M.S. [Orthopaedics]	8	0	8
BSc	B.Sc. [Medical Imaging Technology]	10	0	7
BSc	B.Sc. [Medical Laboratory Technology]	10	44	6
BPT	B.P.T.	30	230	28
BOT	B.O.T.	20	67	18
MPT	M.P.T. [Orthopaedic Conditions]	2	31	2
MPT	M.P.T. [Paediatric Conditions]	2	31	1
MPT	M.P.T [Sports Physiotherapy]	10	31	5
BSc	B.Sc. [Nursing]	100	1342	100
MSc	M.Sc. [Nursing] {Medical Surgical Nursing}	8	19	1
MSc	M.Sc. [Nursing] {Paediatric Nursing}	8	19	3
MSc	M.Sc. [Nursing] {Obstetrics &Gynaecological Nursing}	8	19	2
MSc	M.Sc. [Nursing] {Psychiatry Nursing}	4	19	1
PhD or DPhil	Ph.D. community Medicine	1	1	1
PhD or DPhil	Ph.D. Physical Medicine Rehabilitation	9	18	9
PhD or DPhil	Ph.D. Nursing	27	44	27

BDS	B.D.S.	80	0	76
MDS	M.D.S. [Oral & Maxillofacial Surgery]	3	0	2
MDS	M.D.S. [Periodontics]	3	0	3
MDS	M.D.S. [Conservative Dentistry & Endodontics]	2	0	2
MDS	M.D.S. [Oral Medicine & Maxillofacial Radiology]	3	0	1
MDS	M.D.S. [Oral & Maxillofacial Pathology]	3	0	1
MDS	M.D.S. [Pedodontics and Preventive Dentistry]	3	0	3
MDS	M.D.S. [Orthodontics and Dentofacial Orthopaedics]	3	0	3
MDS	M.D.S. [Prosthodontics and Crown & Bridge]	3	0	3
PhD or DPhil	Ph.D. Oral & Maxillofacial Surgery	2	2	2
PhD or DPhil	Ph.D. Periodontology	1	1	1
PhD or DPhil	Ph.D. Paediatric & Preventive Dentistry	3	3	2
MA	M.A. Population Studies (Two Year)	30	6	2
PhD or DPhil	Ph.D. Population Studies	5	11	5
MBA	M.B.A. Part Time	30	34	22
MBA	M.B.A. Human Resource Management (Two Year)	60	183	50

MBA	M.B.A. Financial Management (Two Year)	60	122	44
MBA	M.B.A. Marketing Management (Two Year)	60	29	12
MBA	M.B.A. International Business Management (Two Year)	60	32	13
MBA	M.B.A. Dual Specialization (Two Year)	60	80	48
MBA	M.B.A. Hospitality Management (Two Year)	60	17	8
PhD or DPhil	Ph.D. Business Administration	117	194	117
BLibISc	B.Lib.I.Sc	40	12	2
MLibISc	M.Lib.I.Sc (Two Year)	10	13	1
MLibISc	M.Lib.I.Sc. (Five Year Integrated)	30	24	14
PhD or DPhil	Ph.D. Library and Information Sciences	1	22	1
MA	M.A. Population and Development (Five Year Integrated)	30	20	12
PhD or DPhil	Ph.D. Philosophy	2	6	2
MA	M.A. Rural Development (Two Year)	30	8	4
MA	M.A. Rural Development (Five Year Integrated)	30	33	15
PhD or DPhil	Ph.D. Rural Development	1	5	1
PhD or DPhil	Ph.D. Law	2	15	2
MSc	M.Sc.Mathematics (Two Year)	60	123	53
MSc	M.Sc.Mathematics	30	105	19

	s(Five Year Integrated)			
PhD or DPhil	Ph.D. Mathematics	19	94	19
MSc	M.Sc. Statistics (Two Year)	50	61	13
MSc	M.Sc.Statistics (Five Year Integrated)	30	65	26
PhD or DPhil	Ph.D. Statistics	13	23	13
MSc	M.Sc.Physics (Two Year)	76	208	50
MSc	M.Sc. Physics (Five Year Integrated)	30	188	20
PhD or DPhil	Ph.D.Physics	19	36	19
MSc	M.Sc. Chemistry (Two Year)	120	326	89
MSc	M.Sc.Chemistry(Five Year Integrated)	60	181	26
PhD or DPhil	Ph.D. Chemistry	15	33	15
MSc	M.Sc. Biochemistry (Two Year)	24	69	16
MSc	M.Sc. Biotechnology (Five Year Integrated)	50	112	32
MSc	M.Sc. Biotechnology (Two Year)	30	101	11
PhD or DPhil	Ph.D. Biochemistry and Biotechnology	18	25	18
MSc	M.Sc. Botany (Two Year)	60	74	22
MSc	M.Sc. Botany (Five Year Integrated)	30	80	17
PhD or DPhil	Ph.D. Botany	10	19	10
MSc	M.Sc. Zoology (Two Year)	60	83	14
MSc	M.Sc. Zoology(Five Year Integrated)	40	110	20

PhD or DPhil	Ph.D. Zoology	15	29	15
MSc	M.Sc. Geology (Two Year)	60	190	21
MSc	M.Sc. Geology(Five Year Integrated)	60	191	33
PhD or DPhil	Ph.D. Geology	6	10	6
MSc	M.Sc.Microbiolo gy(Five Year Integrated)	60	148	31
MSc	M.Sc. Microbiology (Two Year)	30	114	26
PhD or DPhil	Ph.D. Microbiology	6	19	6
MCA	M.C.A.	120	135	33
MSc	M.Sc. Computer Science (Two Year)	60	103	24
MSc	M.Sc.Software Engineering (Five Year Integrated)	30	85	20
MSc	M.Sc. Information Technology (Five Year Integrated)	30	127	25
PhD or DPhil	Ph.D. Computer and Information Science	4	5	4
MSc	M.Sc. Sports Biomechanics	10	5	2
MSc	M.Sc. Ocean Science and Technology (Five Year Integrated)	30	100	16
MSc	M.Sc. Marine Biology and Oceanography (Two Year)	30	54	8
MSc	M.Sc. Coastal Aquaculture (Two Year)	30	41	7
MSc	M.Sc. Marine Biotechnology (Two Year)	10	19	4
BFSc	B.F.Sc. Fishery	60	430	56

	Science			
PhD or DPhil	Ph.D. Marine Biology	22	29	22
MA	M.A. Linguistics (Two Year)	25	12	5
PhD or DPhil	Ph.D. Linguistics	5	12	5
MA	M.A. Tamil (Two Year)	40	35	10
MA	M.A. Tamil (Five Year Integrated)	60	68	26
PhD or DPhil	Ph.D. Tamil Studies and Research	20	32	20
BE	B.E. Chemical Engineering	120	0	70
BE	B.E. Chemical Engineering (Part Time)	40	0	9
ME	M.E. Chemical Engineering	18	29	3
Mtech	M.Tech. Food Processing and Technology	18	12	2
Mtech	M.Tech. Industrial Safety Engineering	18	30	5
PhD or DPhil	Ph.D. Chemical Engineering	9	12	9
BE	B.E. Civil Engineering	60	0	56
ME	M.E. Water Resources Engineering and Management	18	15	5
ME	M.E. Environmental Engineering	18	14	12
BE	B.E. Civil Engineering (Lateral Entry)	13	0	13
PhD or DPhil	Ph.D. Civil Engineering	6	18	6
ME	M.E. Environmental Engineering and Management	18	23	12

BE	B.E. Civil and Structural Engineering	60	0	32
ME	M.E. Structural Engineering	18	79	19
ME	M.E. Construction Engineering and Management	18	35	15
BE	B.E. Civil and Structural Engineering (Lateral Entry)	14	0	6
PhD or DPhil	Ph.D. Civil and Structural engineering	24	31	24
BE	B.E. Electrical & Electronics Engineering	120	0	77
ME	M.E. Thermal Power Engineering	18	23	9
ME	M.E. Power System Engineering	18	39	16
PhD or DPhil	Ph.D. Computer Science & Engineering	111	215	111
BE	B.E. Computer Science & Engineering	120	0	89
ME	M.E. Computer Science & Engineering	10	23	6
BE	B.E. Computer Science & Engineering (Lateral Entry)	37	0	1
BE	B.E. Electronics and Communication Engineering	60	0	40
BE	B.E. Electrical and Electronics Engineering (Lateral Entry)	26	0	11
ME	M.E. Embedded Systems	18	6	1
ME	M.E. Communication Systems	18	25	13

PhD or DPhil	Ph.D. Electronics and Communication Engineering	27	76	27
PhD or DPhil	Ph.D. Electrical and Electronics Engineering	52	97	52
BE	B.E. Electronics and Instrumentation Engineering	120	0	26
PhD or DPhil	Ph.D. Electronics and Instrumentation Engineering	16	38	16
ME	M.E. Process Control and Instrumentation Engineering	18	4	2
ME	M.E. Micro Electronics and MEMS	18	3	1
BE	B.E. Information Technology	120	0	39
BE	B.E. Information Technology (Lateral Entry)	74	0	2
ME	M.E. Information Technology	18	6	1
PhD or DPhil	Ph.D. Information Technology	6	11	6
BE	B.E. Mechanical Engineering	120	0	102
BE	B.E. Mechanical Engineering (Lateral Entry)	18	0	18
PhD or DPhil	Ph.D. Mechanical Engineering	16	40	16
BE	B.E. Mechanical Engineering [Manufacturing]	120	0	20
ME	M.E. Manufacturing Engineering	18	14	1
ME	M.E. Energy	18	15	3

	Engineering and Management			
ME	M.E. Welding Engineering	18	23	11
PhD or DPhil	Ph.D. Manufacturing Engineering	17	28	17
BPharm	B.Pharm.	60	1693	57
MPharm	M.Pharm. Industrial Pharmacy	18	59	13
MPharm	M.Pharm. Quality Assurance	12	59	1
PhD or DPhil	Ph.D. Orthodontics & Dentofacial Orthopaedics	4	4	4
PhD or DPhil	Ph.D. Oral Medicine & Radiology	6	6	4
PhD or DPhil	Ph.D. Oral Maxillofacial Pathology	2	2	2
PhD or DPhil	Ph.D. Oral & Maxillofacial Surgery	2	2	2
BVoc	B.Voc. Aquaculture	50	31	24
BVoc	B.Voc. Airport Operation	50	32	18
BVoc	B.Voc. [Hospital Instrumentation and Management]	50	67	39
MA	M.A. English (Two Year)	100	222	58
MA	M.A. English (Five Year Integrated)	60	182	32
PhD or DPhil	Ph.D. English	3	112	3
MA	M.A. History (Two Year)	60	45	6
MA	M.A. History(Five Year Integrated)	30	61	18
PhD or DPhil	Ph.D. History	16	35	16
MA	M.A. Political Science (Two	60	35	3

	Year)			
MA	M.A. Political Science(Five Year Integrated)	30	40	13
PhD or DPhil	Ph.D. Political Science	8	18	8
MA	M.A. Economics (Two Year)	60	73	21
MA	M.A. Economics (Five Year Integrated)	30	37	19
PhD or DPhil	Ph.D. Economics	25	44	25
MA	M.A. Sociology (Two Year)	60	21	5
MSW	Master of Social Work (Two Year)	20	47	8
MA	M.A. Sociology(Five Year Integrated)	30	44	26
PhD or DPhil	Ph.D. Sociology	15	32	15
MCom	M.Com. (Five Year Integrated)	90	229	65
MCom	M.Com. Computer Applications (Two Year)	60	13	8
MCom	M.Com. Co-operative Management (Two Year)	60	22	12
MCom	M.Com. Accounting Information System (Two Year)	60	8	19
MCom	M.Com. International Business, Banking and Insurance (Two Year)	60	16	8
PhD or DPhil	Ph.D. Commerce	36	54	36
MPharm	M.Pharm. Pharmacology	18	59	7
Pharm D	Pharm.D. Six Years Integrated	30	754	29

Pharm D	Pharm.D. Post Baccalaureate - 3 Years	10	76	2
BPharm	B.Pharm. Lateral Entry System	12	0	8
PhD or DPhil	Ph.D. Pharmacy	10	95	10
BEEd	B.Ed.	200	498	124
MEEd	M.Ed.	70	136	2
PhD or DPhil	Ph.D. Education	35	109	35
BPES	B.P.E.S.	50	203	54
BPEd	B.P.Ed.	100	211	96
MPEd	M.P.Ed.	40	66	37
PhD or DPhil	Ph.D. Physical Education and Sports Science	37	88	37
MSc	M.Sc.Yoga	37	88	37
PhD or DPhil	Ph.D. Yoga	27	72	27
MSc	M.Sc. Applied Psychology	35	102	26
MSc	M.Sc. Clinical Psychology (Five Year Integrated)	30	119	34
PhD or DPhil	Ph.D. Psychology	7	25	7
MA	M.A. Philosophy, Culture and Tourism	30	5	1
MA	M.A. Philosophy, Culture and Tourism (Five Year Integrated)	30	15	11
PG Diploma	PG Diploma in Gym Instructor	30	18	16
BFA	B.F.A.Music	30	27	23
BFA	B.F.A.Dance	30	12	8
MFA	M.F.A.Music	20	19	5
MFA	M.F.A.Dance	30	1	1
PhD or DPhil	Ph.D. Music	14	27	14
BSc	B.Sc. (Hons.) Agriculture	500	8244	458
BSc	B.Sc. (Hons.) Agriculture -	700	2202	638

	Self Supporting			
BSc	B.Sc. (Hons.) Horticulture	100	887	95
MSc	M.Sc. (Ag.) Agronomy	35	104	34
PhD or DPhil	Ph.D. Agronomy	7	20	7
MSc	M.Sc. (Ag.) Soil Science and Agricultural Chemistry	15	45	11
PhD or DPhil	Ph.D. Soil Science and Agricultural Chemistry	3	8	3
MSc	M.Sc.(Ag.) Genetics and Plant Breeding	25	96	24
MSc	M.Sc. [Ag.] Seed Science and Technology	10	59	10
MSc	M.Sc.[Ag.] Agricultural Biotechnology	5	17	4
PhD or DPhil	Ph.D. Genetics and Plant Breeding	1	8	1
MSc	M.Sc. [Ag.] Microbiology	15	66	15
PhD or DPhil	Ph.D. Agricultural Microbiology	6	9	6
MSc	M.Sc. [Ag.] Plant Pathology	20	58	19
PhD or DPhil	Ph.D. Plant Pathology	3	6	3
MSc	M.Sc. [Ag.] Agricultural Entomology	20	86	17
PhD or DPhil	Ph.D. Entomology	8	11	8
MSc	M.Sc. [Ag.] Ag. Economics	20	53	15
MBA	M.B.A. Agri. Business	10	7	5
PhD or DPhil	Ph.D. Agricultural Economics	4	8	4
MSc	M.Sc. [Horticulture] in Fruit	10	48	10

	Science			
MSc	M.Sc. [Horticulture] in Vegetable Science	10	53	7
MSc	M.Sc. [Horticulture] in Floriculture & Landscape Gardening	10	79	9
MSc	M.Sc. [Horticulture] in Spices, Medicinal & Aromatic Crops	5	44	3
PhD or DPhil	Ph.D. Horticulture	11	11	7
MSc	M.Sc. [Ag.] Agricultural Extension	20	108	20
PhD or DPhil	Ph. D. Agricultural Extension	4	7	4
MBBS	M.B.B.S.	150	0	150
MD	M.D. [General Medicine]	14	0	14
MD	M.D. [Paediatrics]	10	0	10
MD	M.D. [Anaesthesia]	7	0	7
MD	M.D. [Obstetrics &Gynaecology]	12	0	12
MD	M.D. [Bio- Chemistry]	4	0	2
MD	M.D. [Pathology]	3	0	3
MD	M.D. [Microbiology]	3	0	2
MD	M.D. [Pharmacology]	5	0	4
MD	M.D. [Community Medicine]	6	0	5
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG
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	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	9293	7289	9	171	1538

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
1718	1718	27	111	98	22

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentoring of students and their welfare is a major priority of the University. Mentoring is a process for developing personal and professional aspects of students through sharing of knowledge, expertise and experience. While all faculties in the university are potential academic advisors to all the students, each faculty is assigned as a Mentor to a small group of students (mentee). The students are mentored from the time of admission to completion of their degree programme. Mentor – Mentee ratio of about 1:5 to 1:15 is maintained in almost all departments. The MentorMentee system fosters a close and constructive professional relationship between students and the staff of the faculty. Mentors meet the assigned mentees periodically to guide them with their curriculum, monitor their progress, provide intellectual training, help them in making appropriate choices in choosing their optional and add-on courses. Further, mentors help the mentees in applying for scholarships and provide career counseling. Feedback and opportunities for reflective review will be documented after every meeting and the reports filed. Further, our faculties regularly guide the students regarding the rules and regulations which have been followed in the University / Department.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
16582	1718	1:9.65

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
0	0	0	0	0

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. A. Chithra	Assistant Professor	"Bharatha Sironmani" Ministry of Culture and FineArts, Cambodia.
2019	Dr. Balaji Swaminathan	Professor	Member Royal College of physicians and surgeons of Glasgow
2019	Dr.V. Baskaran	Professor	Best Teacher, IMA, Tamil Nadu

2019	Dr.V. Barathiselvan	Lecturer	Best Doctor Award, IMA, Tamil Nadu
2018	Dr.S. Ramesh	Professor	Dr.Jeyaraj Ayyanadar Oration Award - Indian Academy of Pediatrics, Trichirapalli
2019	Dr. N. Nalini	Professor	UGC Midcareer Award, 2019
2018	Dr. C.V. Anuradha	Professor	UGC Midcareer Award, April 2018
2018	Dr. L. Pari	Professor	UGC Midcareer Award, April 2018
2018	Dr. P. Subramanian	Professor	UGC Midcareer Award, April 2018
2018	Dr. S. Manoharan	Professor	UGC Midcareer Award, April 2018
2018	Dr.K. Sivakumar	Associate Professor	UGC Visiting Fellow, Rajiv Gandhi University, Itanagar, Arunachal Pradesh.
2018	Dr. B. Deivasigamani	Associate Professor	UGC Research awardee, Government of India, New Delhi.
2018	Dr.S. Ravichandran	Associate Professor	Visiting Research Fellow, National University, Singapore.
2018	Dr. P. Sureshkumar	Assistant Professor	DSTSERB Early Career Research Award
View File			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

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
BPES	UPED33	May/2019	20/05/2019	28/06/2019
BPed	UPED21	May/2019	20/05/2019	28/06/2019
MPed	UPED22	May/2019	20/05/2019	28/06/2019
MSc	UCYS21	May/2019	20/05/2019	28/06/2019
PG Diploma	UPED12	May/2019	20/05/2019	28/06/2019
MA	APHI21	May/2019	20/05/2019	28/06/2019

MA	APHI51	May/2019	07/06/2019	27/06/2019
MSc	UPSY21	May/2019	20/05/2019	28/06/2019
MSc	UPSY51	May/2019	07/06/2019	27/06/2019
BFA	FMUS41	May/2019	20/05/2019	28/06/2019
BFA	FMUS42	May/2019	20/05/2019	28/06/2019
MFA	FMUS21	May/2019	20/05/2019	28/06/2019
MFA	FMUS22	May/2019	20/05/2019	28/06/2019
BSc	GGEN42	May/2019	16/05/2019	22/06/2019
BSc	GGEN44	May/2019	16/05/2019	22/06/2019
MSc	GAGR21	May/2019	15/06/2019	04/07/2019
MSc	GSSC21	May/2019	15/06/2019	04/07/2019
MSc	GGPB23	May/2019	15/06/2019	04/07/2019
MSc	GGPB22	May/2019	15/06/2019	04/07/2019
MSc	GGPB21	May/2019	15/06/2019	04/07/2019
MSc	GMIC21	May/2019	15/06/2019	04/07/2019
MSc	GPAT21	May/2019	15/06/2019	04/07/2019
MSc	GENT21	May/2019	15/06/2019	04/07/2019
MSc	GECO22	May/2019	15/06/2019	04/07/2019
MBA	GECO21	May/2019	15/06/2019	04/07/2019
MSc	GHOR21	May/2019	15/06/2019	04/07/2019
MSc	GHOR22	May/2019	15/06/2019	04/07/2019
MSc	GHOR24	May/2019	15/06/2019	04/07/2019
MSc	GEEXT21	May/2019	15/06/2019	04/07/2019
MBBS	MGEN51	Mar/2019	22/02/2019	19/03/2019
MD	MMED31	Mar/2019	29/03/2019	28/05/2019
MD	MPED31	Mar/2019	29/03/2019	28/05/2019
MD	MANA31	Mar/2019	29/03/2019	28/05/2019
MD	MOBG31	Mar/2019	29/03/2019	28/05/2019
MD	MBIO31	Mar/2019	29/03/2019	28/05/2019
MD	MPAT31	Mar/2019	29/03/2019	28/05/2019
MD	MMIC31	Mar/2019	29/03/2019	28/05/2019
MD	MPHA31	Mar/2019	29/03/2019	28/05/2019
MD	MCOM31	Mar/2019	29/03/2019	28/05/2019
MD	MDVL31	Mar/2019	29/03/2019	28/05/2019
MD	MPMR31	Mar/2019	29/03/2019	28/05/2019
MD	MPSY31	Mar/2019	29/03/2019	28/05/2019
MS	MSUR31	Mar/2019	29/03/2019	28/05/2019
MS	MOPH31	Mar/2019	29/03/2019	28/05/2019
MS	MENT31	Mar/2019	29/03/2019	28/05/2019
MS	MORT31	Mar/2019	29/03/2019	28/05/2019

BSc	MRAD32	Mar/2019	29/03/2019	28/05/2019
BSc	MGEN31	Mar/2019	29/03/2019	28/05/2019
BPT	MPMR41	Jan/2019	12/01/2019	16/02/2019
BOT	MPMR42	Jan/2019	12/01/2019	16/02/2019
MPT	MPMR21	Jan/2019	12/01/2019	16/02/2019
MPT	MPMR22	Jan/2019	12/01/2019	16/02/2019
MPT	MPMR23	Jan/2019	12/01/2019	16/02/2019
BSc	MNUR41	Jan/2019	11/01/2019	16/02/2019
MSc	MNUR21	Jan/2019	11/01/2019	16/02/2019
MSc	MNUR22	Jan/2019	11/01/2019	16/02/2019
MSc	MNUR23	Jan/2019	11/01/2019	16/02/2019
BDS	DGEN51	Jan/2019	11/01/2019	16/02/2019
MDS	DOMS31	May/2019	04/05/2019	24/06/2019
MDS	DPER31	May/2019	04/05/2019	24/06/2019
MDS	DEND31	May/2019	04/05/2019	24/06/2019
MDS	DOMR31	May/2019	04/05/2019	24/06/2019
MDS	DOPM31	May/2019	04/05/2019	24/06/2019
MDS	DPED31	May/2019	04/05/2019	24/06/2019
MDS	DORT31	May/2019	04/05/2019	24/06/2019
MDS	DPRO31	May/2019	04/05/2019	24/06/2019
BVoc	CMAB31	May/2019	31/05/2019	28/06/2019
BVoc	ECSD32	May/2019	31/05/2019	28/06/2019
BVoc	ECSD33	May/2019	31/05/2019	28/06/2019
MA	AENG21	May/2019	20/05/2019	28/06/2019
MA	AENG51	May/2019	07/06/2019	27/06/2019
MA	AHIS21	May/2019	20/05/2019	28/06/2019
MA	AHIS51	May/2019	07/06/2019	27/06/2019
MA	APOL21	May/2019	20/05/2019	28/06/2019
MA	APOL51	May/2019	07/06/2019	27/06/2019
MA	AECO21	May/2019	20/05/2019	28/06/2019
MA	AECO51	May/2019	07/06/2019	27/06/2019
MA	ASOC21	May/2019	20/05/2019	28/06/2019
MA	ASOC22	May/2019	20/05/2019	28/06/2019
MA	ASOC51	May/2019	07/06/2019	27/06/2019
MCom	ACOM51	May/2019	07/06/2019	27/06/2019
MCom	ACOM21	May/2019	20/05/2019	28/06/2019
MCom	ACOM22	May/2019	20/05/2019	28/06/2019
MCom	ACOM21	May/2019	20/05/2019	28/06/2019
MCom	ACOM24	May/2019	20/05/2019	28/06/2019
MA	APOP21	May/2019	20/05/2019	28/06/2019

MBA	ABUS24	May/2019	20/05/2019	28/06/2019
MBA	ABUS22	May/2019	20/05/2019	28/06/2019
MBA	ABUS23	May/2019	20/05/2019	28/06/2019
MBA	ABUS26	May/2019	20/05/2019	28/06/2019
MBA	ABUS21	May/2019	20/05/2019	28/06/2019
MBA	ABUS25	May/2019	20/05/2019	28/06/2019
BLibISc	ALIS11	May/2019	20/05/2019	28/06/2019
MLibISc	ALIS21	May/2019	20/05/2019	28/06/2019
MLibISc	ALIS51	May/2019	07/06/2019	27/06/2019
MA	APOP51	May/2019	07/06/2019	27/06/2019
MA	ARUR21	May/2019	20/05/2019	28/06/2019
MA	ARUR51	May/2019	07/06/2019	27/06/2019
MSc	SMAT21	May/2019	20/05/2019	28/06/2019
MSc	SMAT51	May/2019	07/06/2019	27/06/2019
MSc	SSTA21	May/2019	20/05/2019	28/06/2019
MSc	SSTA51	May/2019	07/06/2019	27/06/2019
MSc	SPHY21	May/2019	20/05/2019	28/06/2019
MSc	SPHY51	May/2019	07/06/2019	27/06/2019
MSc	SCHE21	May/2019	20/05/2019	28/06/2019
MSc	SCHE51	May/2019	07/06/2019	27/06/2019
MSc	SBIO21	May/2019	20/05/2019	28/06/2019
MSc	SBIO51	May/2019	07/06/2019	27/06/2019
MSc	SBIO22	May/2019	20/05/2019	28/06/2019
MSc	SBOT21	May/2019	20/05/2019	28/06/2019
MSc	SBOT51	May/2019	07/06/2019	27/06/2019
MSc	SZOO 21	May/2019	20/05/2019	28/06/2019
MSc	SZOO 51	May/2019	07/06/2019	27/06/2019
MSc	SEAR21	May/2019	20/05/2019	28/06/2019
MSc	SEAR51	May/2019	07/06/2019	27/06/2019
MSc	SMIC21	May/2019	20/05/2019	28/06/2019
MSc	SMIC51	May/2019	07/06/2019	27/06/2019
MSc	SCIS31	May/2019	20/05/2019	28/06/2019
MSc	SCIS21	May/2019	20/05/2019	28/06/2019
MSc	SCIS51	May/2019	07/06/2019	27/06/2019
MSc	SCIS52	May/2019	07/06/2019	27/06/2019
MSc	SSPO21	May/2019	20/05/2019	28/06/2019
MSc	CMAB51	May/2019	07/06/2019	27/06/2019
MSc	CMAB21	May/2019	20/05/2019	28/06/2019
MSc	CMAB23	May/2019	20/05/2019	28/06/2019
MSc	CMAB22	May/2019	20/05/2019	28/06/2019

BFSc	CMAB41	May/2019	20/05/2019	28/06/2019
MA	LLIN21	May/2019	20/05/2019	28/06/2019
MA	LTAM21	May/2019	20/05/2019	28/06/2019
MA	LTAM51	May/2019	07/06/2019	27/06/2019
BE	ECHE41	May/2019	31/05/2019	28/06/2019
BE	ECHE31	May/2019	31/05/2019	28/06/2019
ME	ECHE21	May/2019	31/05/2019	28/06/2019
Mtech	ECHE23	May/2019	31/05/2019	28/06/2019
Mtech	ECHE24	May/2019	31/05/2019	28/06/2019
BE	ECIV41	May/2019	31/05/2019	28/06/2019
ME	ECIV22	May/2019	31/05/2019	28/06/2019
ME	ECIV21	May/2019	31/05/2019	28/06/2019
BE	ESTR41	May/2019	31/05/2019	28/06/2019
ME	ESTR22	May/2019	31/05/2019	28/06/2019
ME	ESTR24	May/2019	31/05/2019	28/06/2019
BE	EEEE41	May/2019	31/05/2019	28/06/2019
ME	EMEC22	May/2019	31/05/2019	28/06/2019
ME	EEEE23	May/2019	31/05/2019	28/06/2019
BE	ECSE41	May/2019	31/05/2019	28/06/2019
ME	ECSE21	May/2019	31/05/2019	28/06/2019
BE	EECE41	May/2019	31/05/2019	28/06/2019
BE	EEEE41	May/2019	31/05/2019	28/06/2019
ME	EEEE22	May/2019	31/05/2019	28/06/2019
ME	EECE21	May/2019	31/05/2019	28/06/2019
BE	EEIE41	May/2019	31/05/2019	28/06/2019
ME	EEIE24	May/2019	31/05/2019	28/06/2019
ME	EEIE22	May/2019	31/05/2019	28/06/2019
BE	EINT41	May/2019	31/05/2019	28/06/2019
ME	EINT21	May/2019	31/05/2019	28/06/2019
BE	EMEC41	May/2019	31/05/2019	28/06/2019
BE	EMAN41	May/2019	31/05/2019	28/06/2019
ME	EMAN22	May/2019	31/05/2019	28/06/2019
ME	EMEC21	May/2019	31/05/2019	28/06/2019
ME	EMAN26	May/2019	31/05/2019	28/06/2019
BPharm	EPHA41	May/2019	31/05/2019	28/06/2019
MPharm	EPHA21	May/2019	31/05/2019	28/06/2019
MPharm	EPHA22	May/2019	31/05/2019	28/06/2019
MPharm	EPHA23	May/2019	31/05/2019	28/06/2019
Pharm D	EPHA61	May/2019	31/05/2019	28/06/2019
Pharm D	EPHA32	May/2019	31/05/2019	28/06/2019

BPharm	EPHA31	May/2019	31/05/2019	28/06/2019
BEEd	UEDU21	May/2019	20/05/2019	28/06/2019
MEd	UEDU22	May/2019	20/05/2019	28/06/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	16882	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.annamalaiuniversity.ac.in/studport/handbook.php>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
AHIS71	MPhil	History	6	6	100
AHIS81	PhD or DPhil	History	19	16	84
APOL21	MA	Political Science(Two Year)	9	7	78
APOL51	MA	Political Science(5 Year Integrated)	5	5	100
APOL71	MPhil	Political Science	3	3	100
APOL82	PhD or DPhil	Public Administration	6	4	67
AECO21	MA	Economics(Two Year)	12	1	8
AECO51	MA	Economics(5 Year Integrated)	12	12	100
AECO81	PhD or DPhil	Economics	30	20	67
ASOC21	MA	Sociology(Two Year)	16	14	88
ASOC22	MSW	Master of Social Work	10	10	100
ASOC51	MA	Sociology(5 Year Integrated)	1	1	100
ASOC72	MPhil	Social Work	2	2	100

ASOC81	PhD or DPhil	Sociology	20	10	50
ACOM51	MCom	Commerce	62	42	68
APOL81	PhD or DPhil	Commerce	15	13	87
ACOM21	MCom	Commerce (Computer Applications)	10	9	90
ACOM71	MPhil	Commerce	7	7	100
ACOM81	PhD or DPhil	Commerce	27	17	63
APOP21	MA	Population Studies (Two Year)	1	1	100
APOP81	PhD or DPhil	Population Studies	1	1	100
ABUS24	MBA	Human Resource Management	39	37	95
ABUS22	MBA	Financial Management	36	34	94
ABUS23	MBA	Marketing Management	10	8	80
ABUS26	MBA	International Business Management	12	12	100
ABUS25	MBA	Hospitality Management	8	6	75
ABUS71	MPhil	Business Administration	4	3	75
ABUS81	PhD or DPhil	Business Administration	159	110	69
ALIS51	MLibISC	Library & Information Science (5 Year Integrated)	14	12	86
ALIS71	MPhil	Library & Information Science	8	8	100
ALIS81	PhD or DPhil	Library & Information Science	17	16	94
APOP51	MA	Population & Development (5 Year Integrated)	5	3	60
APHI21	MA	Philosophy, Culture & Tourism (Two Year)	1	1	100
APHI51	MA	Philosophy,	12	11	92

		Culture & Tourism(5 Year Integrated)			
APHI71	MPhil	Philosophy	1	1	100
APHI81	PhD or DPhil	Philosophy	3	3	100
ARUR71	MPhil	Rural Development	4	4	100
ARUR81	PhD or DPhil	Rural Development	1	1	100
ALAW81	PhD or DPhil	Law	4	2	50
SMAT21	MSc	Mathematics(Two Year)	89	28	31
SMAT51	MSc	Mathematics(5 Year Integrated)	24	13	54
SMAT71	MPhil	Mathematics	15	13	87
SMAT81	PhD or DPhil	Mathematics	39	30	77
SSTA21	MSc	Statistics(Two Year)	13	13	100
SSTA51	MSc	Statistics(5 Year Integrated)	11	11	100
SSTA81	PhD or DPhil	Statistics	16	13	81
SPHY21	MSc	Physics(Two Year)	82	34	41
SPHY51	MSc	Physics(5 Year Integrated)	43	10	23
SPHY71	MSc	Physics	4	4	100
SPHY81	MSc	Physics	32	29	91
SCHE21	MSc	Chemistry(Two Year)	181	47	26
SCHE51	MSc	Chemistry(5 Year Integrated)	124	11	9
SCIS71	MPhil	Computer Science	6	6	100
SZOO82	PhD or DPhil	Environmental Biotechnology	1	1	100
ECSE21	ME	Computer Science & Engineering	8	8	100
ECSE81	PhD or DPhil	Computer Science & Engg.	145	113	78
EECE41	BE	Electronics	121	100	83

		& Communication Engineering			
EEEE22	ME	Embedded Systems	6	6	100
EECE21	ME	Communication Systems	17	17	100
EECE81	PhD or DPhil	Electronics & Communication Engg.	46	42	91
EEEE81	BE	Electronics & Instrumentation Engineering	25	24	96
EEIE22	ME	Micro Electronics & MEMS	2	2	100
EEIE81	PhD or DPhil	Electronics & Instrumentation Engg.	18	14	78
EINT41	BE	Information Technology	41	18	44
EINT21	ME	Information Technology	1	1	100
EINT81	PhD or DPhil	Information Technology	11	8	73
EMEC41	BE	Mechanical Engineering	382	252	66
SCHE81	PhD or DPhil	Chemistry	19	10	53
SBIO21	MSc	Biotechnology (Two Year)	23	12	52
SBIO51	MSc	Biotechnology (5 Year Integrated)	40	12	30
SBIO22	MSc	Biotechnology	22	12	55
SBIO81	PhD or DPhil	Biochemistry	14	20	69
SBOT21	MSc	Botany (Two Year)	22	14	64
SBOT51	MSc	Botany (5 Year Integrated)	20	9	45
SBOT71	MPhil	Botany	1	1	100
SBOT81	PhD or DPhil	Botany	14	13	93
SZOO21	MSc	Zoology (Two Year)	24	22	92
SZOO51	MSc	Zoology (5 Year Integrated)	18	7	39

SZOO71	MPhil	Zoology	3	3	100
SZOO81	PhD or DPhil	Zoology	20	15	75
SEAR21	MSc	Geology(Two Year)	26	19	73
SEAR51	MSc	Geology(5 Year Integrated)	90	48	53
SEAR73	MPhil	Geo Informatics	1	1	100
SEAR81	PhD or DPhil	Geology	5	5	100
SEAR82	PhD or DPhil	Applied Geology	4	3	75
SMIC51	MSc	Microbiology (5 Year Integrated)	49	21	43
SMIC21	MSc	Microbiology (Two Year)	24	24	92
SMIC71	MPhil	Microbiology	1	1	100
SMIC81	PhD or DPhil	Microbiology	12	11	92
SCIS31	MCA	Master of Computer Applications	56	40	71
SCIS21	MSc	.Computer Science	30	25	83
SCIS51	MSc	Software Engg	13	8	62
SCIS52	MSc	Information Technology	22	10	45
SCIS81	PhD or DPhil	Computer Science	20	18	90
CMAB51	MSc	Ocean Science & Technology(5 Year Integrated)	21	16	76
CMAB21	MSc	Marine Biology & Oceanography	10	10	100
CMAB23	MSc	Coastal Aquaculture	14	14	100
CMAB22	MSc	Marine Biotechnology	11	11	100
CMAB81	PhD or DPhil	Marine Biology & Oceanography	13	12	92
CMAB85	PhD or DPhil	Coastal Aquaculture	3	2	67
CMAB86	PhD or DPhil	Ocean	6	4	67

		Science & Technology			
LLIN21	MA	Linguistics(Two Year)	3	3	100
LLIN81	PhD or DPhil	Linguistics	17	16	94
LHIN81	PhD or DPhil	Hindi	4	2	50
ECIV41	BE	Civil Engineering	299	207	69
ECIV22	ME	Water Resources Engineering and Management	10	10	100
ECIV21	ME	Environmental Engineering	16	16	100
ECIV81	PhD or DPhil	Civil Engineering	17	10	59
ESTR41	BE	Civil & Structural Engineering	152	106	70
ESTR22	ME	Structural Engineering	19	16	84
ESTR24	ME	Construction Engineering & Management	18	15	83
AENG21	MA	English(Two Year)	106	17	16
AENG51	MA	English (5 Year Integrated)	95	64	67
AENG71	MPhil	English	48	45	94
AENG81	PhD or DPhil	English	11	10	91
AHIS21	MA	History(Two Year)	22	13	59
AHIS51	MA	History(5 Year Integrated)	2	2	100
EMAN41	BE	Manufacturing Engineering	64	27	42
EMEC81	PhD or DPhil	Mechanical Engineering	24	16	67
EMAN22	ME	Manufacturing Engineering	1	1	100
EMEC21	ME	Energy Engineering & Management	5	5	100

EMAN26	ME	Welding Engineering	12	12	100
EMAN81	PhD or DPhil	Manufacturing Engineering	21	21	100
EPHA41	BPharm	Pharmacy	112	91	81
EPHA22	MPharm	Quality Assurance	1	1	100
EPHA23	MPharm	Pharmacology	8	8	100
EPHA31	BPharm	Lateral Entry System]	4	4	100
EPHA81	PhD or DPhil	Pharmacy	53	42	79
UPED71	MPhil	Physical Education	1	1	100
UPED81	PhD or DPhil	Physical Education	40	30	75
UCYS21	MSc	Yoga	4	4	100
UCYS71	MPhil	Yoga	12	11	91
UCYS81	PhD or DPhil	Yoga	19	16	84
UPSY21	MSc	Applied Psychology	10	10	100
UPSY51	MSc	Clinical Psychology 5 Year Integrated	32	28	88
UPSY71	MPhil	Psychology	6	5	83
UPSY81	PhD or DPhil	Psychology	9	8	89
FMUS41	BFA	Music	9	9	100
FMUS42	BFA	Dance	5	4	80
FMUS21	MFA	Music	9	9	100
FMUS22	MFA	Dance	2	2	100
GGEN42	BSc	Agriculture	1257	1046	83
GGEN44	BSc	Horticulture	72	64	89
GAGR21	MSc	Agronomy	33	33	100
GAGR81	PhD or DPhil	Agronomy	12	12	100
GSSC21	MSc	Soil Science & Agricultural Chemistry	16	15	94
GSSC81	PhD or DPhil	Soil Science & Agricultural Chemistry	1	1	100
GGPB23	MSc	Genetics & Plant Breeding	27	26	96

GGPB22	MSc	Seed Science & Technology	10	10	100
GGPB21	MSc	Agricultural Biotechnology	5	5	100
GGPB81	PhD or DPhil	Genetics & Plant Breeding	4	4	100
GMIC21	MSc	Microbiology	16	15	94
GMIC81	PhD or DPhil	Agricultural Microbiology	8	8	100
GPAT21	MSc	Plant Pathology	20	20	100
GPAT81	PhD or DPhil	Plant Pathology	3	3	100
GENT21	MSc	Agricultural Entomology	20	19	95
GENT81	PhD or DPhil	Entomology	14	14	100
GECO22	MSc	Agricultural Economics	20	20	100
GECO21	MBA	Agribusiness	9	9	100
GECO81	PhD or DPhil	Agricultural Economics	5	5	100
GHOR21	MSc	[Horticulture] in Fruit Science	10	10	100
GHOR22	MSc	[Horticulture] in Vegetable Science	10	10	100
GHOR23	MSc	[Horticulture] in Floriculture & Landscape Gardening	10	10	100
GHOR24	MSc	[Horticulture] in Spices, Medicinal & Aromatic Crops	5	5	100
GHOR81	PhD or DPhil	Horticulture	8	8	100
GEXT21	MSc	Agricultural Extension	20	20	100
GEXT81	PhD or DPhil	Agricultural Extension	9	9	100
MGEN51	MBBS	General	161	135	80
MMED31	MD	General Medicine	13	13	100

MPED31	MD	Paediatrics	9	9	100
MANA31	MD	Anaesthesia	7	7	100
MOBG31	MD	Obstetrics &Gynaecology	10	10	100
MBIO31	MD	Bio- Chemistry	2	2	100
MPAT31	MD	Pathology	3	3	100
MPHA31	MD	Pharmacology	1	1	100
MCOM31	MD	Community Medicine	6	6	100
MDVL31	MD	Dermatology, Venerology & Leprosy	3	3	100
MPMR31	MD	PMR	1	1	100
MPSY31	MD	Psychiatric	1	1	100
MSUR31	MS	General Surgery	12	12	100
MOPH31	MS	Ophthalmolog y	3	3	100
MENT31	MS	Otorhinolary ngology	2	2	100
MORT31	MS	Orthopaedics	5	5	100
MPMR41	BPT	Physiotherap y	2	2	100
MOMY81	PhD or DPhil	Anatomy - Medicine	1	1	100
MPHY81	PhD or DPhil	Physiology - Medicine	4	2	50
MBIO81	PhD or DPhil	Biochemistry - Medicine	3	3	100
MMIC81	PhD or DPhil	Microbiology - Medicine	2	2	100
MCOM81	PhD or DPhil	Community Medicine - Medicine	2	2	100
MPMR81	PhD or DPhil	Physical Medicine & R ehabilitatio n	5	5	100
MNUR41	BSc	Nursing	97	97	100
MNUR81	PhD or DPhil	Nursing	39	38	97
DGEN51	BDS	General	80	80	100
DOMS31	MDS	Oral & Maxil lofacial Surgery	3	3	100
DPER31	MDS	Periodontics	3	3	100

DEND31	MDS	Conservative Dentistry & Endodontics	2	2	100
DOMR31	MDS	Oral Medicine & Maxillofacial Radiology	1	1	100
DOPM31	MDS	Oral & Maxillofacial Pathology	3	3	100
DPED31	MDS	Pedodontics and Preventive Dentistry	2	2	100
DORT31	MDS	Orthodontics and Dentofacial Orthopaedics	3	3	100
DPRO31	MDS	Prosthodontics and Crown & Bridge	2	2	100
DOMS81	PhD or DPhil	Oral & Maxillofacial Surgery	1	1	100
DOMR81	PhD or DPhil	Oral Medicine	1	1	100
DORT81	PhD or DPhil	Orthodontics & Dentofacial Orthopaedics	5	5	100
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.annamalaiuniversity.ac.in/download/IOAC/SSS_2018-19_final.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.N. Panchanatham	Leadership for Academicians Programme (LEAP) Fellowship University of Cambridge	03/04/2019	MHRD
International	Dr.S. Saravanan	Visiting Researcher	15/10/2019	Sojo University,

				Japan
International	Dr.Balaji Swaminathan	Fellow Royal College of Surgeons and Physicians, Glasgow	22/02/2019	Royal College of Surgeons and Physicians, Glasgow
International	Dr.P. Subramanian	Visiting Professorship	18/01/2019	University of Malaya
View File				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Junior Research Fellow	1825	DST
Junior Research Fellow	365	MoES
Junior Research Fellow	365	DBT
Senior Research Fellow	365	DST
Senior Research Fellow	365	MoES
Senior Research Fellow	365	DST
Senior Research Fellow	365	USAID - India Knowledge Park
Senior Research Fellow	730	ICMR
Post Doctoral Fellow	730	ICSSR
Research Associate	730	DSTRFBR
Research Associate	365	DST
Research Associate	1460	DST
Research Associate	1095	DST SERB
Research Associate	1825	DST PURSE
Research Associate	1095	Ministry of Defence
Research Associate	365	NRSC ISRO
Project Fellow	365	DST PURSE
Project Fellow	365	UGC SAP
Project Fellow	365	MoES
Project Fellow	365	DBT
Project Fellow	730	CARD NLC
Project Fellow	730	ICSSR
Project Fellow	365	ISRO
Research Assistant	150	PMMNMTT
Research Assistant	300	ICSSR
Research Associate	365	MoES,
Research Associate	730	ICSSR
Research Associate	730	Naval Research Board
Research Associate	365	SAC ISRO

Project Fellow	365	MoEFCC
Junior Research Fellow	1095	UGC
Junior Research Fellow	1095	DSTSERB
Post Doctoral Fellow	730	Kerala State Council Science and Technology and Environment
Project Fellow	180	MoES
Project Fellow	120	MoES
View File		

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DBT	27.9	2.36
Major Projects	365	NBCFDC	10.79	6.38
Major Projects	90	NBCFDC	5.15	2.78
Minor Projects	365	ICSSR	3	0.6
Minor Projects	60	MHRD	0.4	0.4
Minor Projects	365	PMMMNMTT	3.15	3.15
Minor Projects	730	ICSSR	3	3
Industry sponsored Projects	730	T Stanes Co Ltd	1.36	1.36
Industry sponsored Projects	730	T Stanes Co Ltd	2.73	2.73
Industry sponsored Projects	730	T Stanes Co Ltd	1.36	1.36
Industry sponsored Projects	730	T Stanes Co Ltd	2.73	2.73
Industry sponsored Projects	730	T Stanes Co Ltd	1.36	1.36
Industry sponsored Projects	730	T Stanes Co Ltd	2.73	2.73
Industry sponsored Projects	730	T Stanes Co Ltd	1.36	1.36
Industry sponsored Projects	730	T Stanes Co Ltd	2.73	2.73
Industry sponsored	730	T Stanes Co Ltd	1.36	1.36

Projects				
Industry sponsored Projects	730	T Stanes Co Ltd	2.73	2.73
Industry sponsored Projects	365	SI Air Springs Pvt. Ltd., Madurai	9.65	9.65
Industry sponsored Projects	1095	Oil Tech, Chennai	30	1.29
Industry sponsored Projects	365	T.Stanes Co. Coimbatore	1.37	1.37
Industry sponsored Projects	545	The Scientific Fertilizer Company(P) Ltd, Coimbatore	2	2
Industry sponsored Projects	730	EIA PVT ltd, Nagercoil	22.42	10.99
Industry sponsored Projects	1460	PI Industries Ltd., Gurgaon	3.75	3.75
Industry sponsored Projects	1460	Syngenta India Ltd, Coimbatore	6	6
Industry sponsored Projects	730	PI Industries Ltd., Gurgaon	4	4
Industry sponsored Projects	730	PI Industries Ltd., Gurgaon	4	4
Industry sponsored Projects	60	Bayer Crop Science Ltd.	0.81	0.81
Industry sponsored Projects	730	Crystal Crop Protection Ltd., New Delhi	6	3
Industry sponsored Projects	730	Syngenta India Ltd., Coimbatore	6	6
Industry sponsored Projects	730	Syngenta India Ltd., Coimbatore	6	6
Industry sponsored Projects	730	Syngenta India Ltd., Coimbatore	4	4
Industry sponsored Projects	730	Syngenta India Ltd., Coimbatore	6	6

Industry sponsored Projects	730	Bayer Crop Science Ltd.,	5.07	5.07
Industry sponsored Projects	455	T.Stanes Co. Ltd., Coimbatore	1.5	1.5
Industry sponsored Projects	485	Indofil Industries Ltd.,	4.94	4.94
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.94	4.94
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.94	4.94
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	485	Coromandel International Limited	8.32	8.32
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	730	Crystal Crop, New Delhi	3	3
Industry sponsored Projects	730	Godrej Agrovet Ltd., Mumbai	3	3
Industry sponsored Projects	730	Agrow Allied, Gurgaon	3	3
Industry sponsored Projects	365	M/s Coromandel International Ltd, Secunderabad	1.85	1.85
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.94	4.94
Industry sponsored	485	Indofil Industries	4.68	4.68

Projects		Ltd., Thane		
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	4.68	4.68
Industry sponsored Projects	485	Indofil Industries Ltd., Thane	14.82	14.82
Industry sponsored Projects	1095	Sumitomo Chemicals India Pvt. Ltd., New Delhi	5.07	5.07
Industry sponsored Projects	545	Nichino India Pvt Ltd., Hyderabad	3	3
Industry sponsored Projects	1095	Sumitomo Chemicals India Pvt. Ltd., New Delhi	7.02	7.02
Major Projects	730	ICSSR	7.53	1.75
Major Projects	730	ICSSR	5.25	1.31
Major Projects	1095	DST	200.99	95.43
Major Projects	90	Municipal Administration and water supply Department	10.4	10.4
Major Projects	1095	SERB	31.05	10.35
Industry sponsored Projects	270	Cocom Co., Thiruvaiyaru	1.2	1.2
Industry sponsored Projects	365	IITM, Puduchery	10	2.32
Industry sponsored Projects	970	Saraswati Agro Chemicals (India) Pvt. Ltd., Jammu	3.5	3.5
Industry sponsored Projects	365	Taamini Crop Science Ltd., Salem	1.78	1.78
Industry sponsored Projects	730	NACL Industries Ltd, Hyderabad	5.75	5.75
Industry sponsored Projects	730	AVT Natural Products Ltd., Cochin	2	2
Industry sponsored Projects	730	PI Industries Ltd., Gurgaon	8.45	8.45
Industry	730	PI Industries	3.9	3.9

sponsored Projects		Ltd., Gurgaon		
Industry sponsored Projects	365	Thirumala Agro Traders, Madapattu	0.52	0.52
Interdisciplinary Projects	730	Alliance Dairy Products , Mayiladuthurai	6.29	6.29
Industry sponsored Projects	730	Crystal Crop Protection Pvt. Ltd., New Delhi	13.5	13.5
Industry sponsored Projects	365	Crystal Crop Protection Pvt. Ltd., New Delhi	1.5	1.5
Industry sponsored Projects	545	Deccan Fine Chemicals India Ltd., Hyderabad	7.5	7.5
Industry sponsored Projects	150	Supreme Dye Chem Ltd., Cuddalore	0.49	0.49
Industry sponsored Projects	210	Crystal Crop Protection Pvt. Ltd., New Delhi	1.5	1.5
Industry sponsored Projects	730	Godrej Agrovvet Ltd., Mumbai	9	4.5
Industry sponsored Projects	240	Crystal Crop Protection Pvt. Ltd., New Delhi	1.5	1.5
Industry sponsored Projects	730	Godrej Agrovvet Ltd., Mumbai	6	6
Industry sponsored Projects	730	Arysta Life Science, Mumbai	10.53	10.53
Industry sponsored Projects	150	Daniel Barriers, Cuddalore	0.5	0.5
Industry sponsored Projects	730	Sumitomo Chemicals India Pvt. Ltd., New Delhi	5.04	5.04
Industry sponsored Projects	730	T.Stanes Company Limited, Coimbatore	2.73	2.73
Industry sponsored Projects	730	Sumitomo Chemicals India Pvt. Ltd., New Delhi	4.94	4.94
Industry	365	Crystal Crop	1.5	1.5

sponsored Projects		Protection, New Delhi		
Industry sponsored Projects	1095	UPL Pvt. Ltd., Mumbai	4.94	4.94
Industry sponsored Projects	365	ARD Steel Alloy International Pvt. Ltd., Chennai	2.09	2.09
Industry sponsored Projects	30	Swachhta Bharat	3.96	3.96
Industry sponsored Projects	60	Adani Pvt Ltd,	12.98	2.97
Industry sponsored Projects	90	Tangedco, Chennai	9.44	2.54
Industry sponsored Projects	545	Nichino India Pvt Ltd., Hyderabad	3	3
Industry sponsored Projects	545	T.Stanes Com Ltd, Coimbatore	1.4	1.4
Industry sponsored Projects	365	Coromental International ltd, Secunderabad	1.5	1.5
Major Projects	545	DRDO	9.87	2.71
Major Projects	730	ICSSR	7.5	1.8
Major Projects	730	DRDO	10.15	10.15
Major Projects	1095	DST	45.86	5
Industry sponsored Projects	730	Indofil Industries Ltd., Mumbai	4.94	4.94
Industry sponsored Projects	60	ChemplastSanmar Ltd., Cuddalore	3.54	3.54
Industry sponsored Projects	90	Water Resources Department (PWD), Chennai	9.5	9.5
Industry sponsored Projects	1095	Sumitomo Chemicals India Pvt. Ltd., New Delhi	5.07	5.07
Industry sponsored Projects	1095	Natco Pharma Limited, Hyderabad	7	7
Industry sponsored	1095	T.Stanes Co. Ltd.,	3.38	3.38

Projects		Coimbatore		
Industry sponsored Projects	1095	Ross Life Sciences Pvt. Ltd., Pune	4	4
Industry sponsored Projects	1095	Syngenta India Ltd., Coimbatore	12.2	12.2
Industry sponsored Projects	210	Coromandel International Limited, Hyderabad	3.12	3.12
Industry sponsored Projects	730	Crystal Crop Protection Ltd., New Delhi	5.05	5.05
Industry sponsored Projects	365	Lashkari Bhathena Infra Projects, Mumbai	1.5	1.5
Industry sponsored Projects	365	Crystal Crop Protection Ltd.,Gujarat	1	1
Industry sponsored Projects	365	UPL Pvt. Ltd., Mumbai	8.89	8.89
Industry sponsored Projects	365	Sandhiya EnviroTech System, Villupuram	1.18	1.18
Industry sponsored Projects	60	NIAEM, Hyderabad	5.36	5.36
Industry sponsored Projects	545	Parijat Industries(India) Pvt Ltd,New Delhi	3	3
Major Projects	730	ICSSR	7	1.68
Major Projects	1095	SERB	22.66	9.75
Major Projects	1095	DST	163.56	22.9
Major Projects	1825	UGC SAP	82.5	50
Major Projects	365	DBT	8	8
Major Projects	1095	UGC	33	20
Major Projects	1095	DBT	20.3	11.85
Major Projects	1095	SERB	31.67	13
Major Projects	730	UGC	10	8
Major Projects	730	UGC	10	8
Major Projects	730	UGC	10	8
Major Projects	730	UGC	10	8
Major Projects	1095	SERB	31.38	20

Major Projects	1095	SAC	19.98	17.9
Major Projects	1095	DST	22.63	11.31
Major Projects	1095	SERB	43.26	23
Industry sponsored Projects	1095	PI Industries Ltd., Gurgaon	8.71	8.71
Industry sponsored Projects	545	Biostadt India Ltd., Mumbai	4.94	4.94
Industry sponsored Projects	730	Coromandel International Ltd., Secunderabad	1.95	1.95
Industry sponsored Projects	365	Coromandel International Ltd., Secunderabad	9.5	5.13
Industry sponsored Projects	365	SI Air Springs Pvt. Ltd., Madurai	10.54	9.65
Industry sponsored Projects	730	Crystal Crop Protection Ltd., New Delhi	3	3
Industry sponsored Projects	180	Privi Life Sciences Pvt. Ltd., Mumbai	2.25	2.25
Industry sponsored Projects	1460	Coromandel International Limited, Secunderabad	15.42	15.42
Industry sponsored Projects	1460	Coromandel International Limited, Secunderabad	15	15
Industry sponsored Projects	365	Sri Maruthi Sc., Ramagundam	3.83	3.83
Industry sponsored Projects	1095	Sumitomo Chemicals Pvt. Ltd., New Delhi	5.07	3.83
Major Projects	1095	DST	44.92	10.75
Major Projects	730	ICSSR	8	8
Major Projects	1095	CSIR	10.24	10.24
Major Projects	730	ICSSR	2.6	2.6
Major Projects	730	DRDO	42.66	4.5
View File				

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative

practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Conference on current trends in Pharmaceutical education, Pharmaceutical Industry and Pharmaceutical Profession	Pharmacy	22/10/2018
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Wire Arc Additive Manufacturing	Dr. S. Malarvizhi	Indian Institute of welding	13/12/2018	Associate Engineer Award
Cold metal transfer welding	Dr. S. Malarvizhi	Indian Institute of welding	13/12/2018	Professor Placid Rodriguez Memorial Lecture Award
Welding Metallurgy Modelling Extensive Testing	Dr. S. Rajakumar	Indian Institute of welding	26/11/2018	IWS Young Technologist Award
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Incubation Centre	Annamalai Innovation and Incubation Research Foundation - Entrepreneurial Development Institute of India (AIIRFEDII)	Government of Tamil Nadu	0	0	20/02/2019
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
CAS in Linguistics	6
Chemical Engineering	4
Civil Engineering	2
Civil and Structural Engineering	9

Electrical Engineering	16
Computer Science and Engineering	15
Electronics and Communication Engineering	9
Electronics and Instrumentation Engineering	28
Mechanical Engineering	12
Manufacturing Engineering	14
Pharmacy	14
Education	9
Physical Education	11
Psychology	3
Centre for Yoga Studies	1
Music	3
Soil science and Agricultural chemistry	2
Genetics and Plant Breeding	3
Agricultural Microbiology	1
Agricultural Economics	1
Horticulture	1
Medicine	6
Nursing	4
English	17
History	8
Political Science and Public Administration	7
Economics	14
Sociology and Social Work	6
Commerce	3
Population Studies	1
Business Administration	38
Library and Information Science	5
Philosophy	3
Centre for Rural Development	5
Mathematics	6
Statistics	4
Physics	23
Chemistry	20
Botany	14
Zoology	9
Earth Sciences	6
Biochemistry	2

Biotechnology	18
Microbiology	2
Computer and Information Science	1
CAS in Marine Biology	18
Tamil Studies and Research	12

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	English	14	0
National	History	78	0
National	Political Science and Public Administration	10	0
National	Economics	5	0
National	Commerce	21	0
National	Population Studies	3	0
National	Business Administration	25	0
National	Library and Information Science	12	0
National	Philosophy	2	0
National	Centre for Rural Development	10	0

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Biochemistry and Biotechnology	1
Sports Sciences	2
Tamil Studies and Research	10
Linguistics	2
Hindi	3
Chemical Engineering	2
Civil Engineering	1
Civil and Structural Engineering	3
Computer Science and Engineering	2
Horticulture	1
Agricultural Extension	4
Medicine	1
English	2
Electronics and Communication Engineering	2

Electronics and Instrumentation Engineering	1
Mechanical Engineering	1
Pharmacy	1
Education	25
Physical Education	1
Psychology	2
Music	2
History	2
Political Science and Public Administration	3
Economics	4
Sociology and Social Work	4
Commerce	1
Business Administration	1
Library and Information Science	2
Centre for Rural Development	8
Statistics	2
Physics	3
Chemistry	4
Botany	3
Earth Sciences	1
Soil Science and Agricultural Chemistry	1
Genetics and Plant Breeding	1
Microbiology	1
Agricultural Economics	1
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A Portable SubtalarArthrometer	Filed	2019410066	01/03/2019
Integral Larval Grub Composting Reactor	Filed	2018410062	23/08/2019
Surface crack identification using computer aided detection system empolying image processing technique	Filed	2019410146	17/05/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Identification of a novel hydrogen producing bacteria from sugarcane bagasse waste.	Dhanasekar R and Jonesh S.	Biocatalysis and Agricultural Biotechnology	2018	2.26	Annamalai University	2
A VisionBased Onroad Vehicle Light Detection System Using Support Vector Machines	Arunnehrui, Anwar BashaH, KumarA, Sathya.R andKalaiselvi GeethaM	Studies in Computational Intelligence	2019	0.79	Annamalai University	7
Automatic classification of cast iron grades using support vector machine	Gajalakshmi,K, Palanivel S, Nalini, N.J and Saravanas	Optik	2018	1.91	Annamalai University	2
Detection and Classification of Retinal Diseases in Spectral Domain Optical Coherence Tomography Images based on SURF descriptors	Sigappi AN	IEEE International Conference on System, Computation, Automation and Networking	2018	1	Annamalai University	1
New series parallel switched multilevel inverter for a three	GeethaR and RamaswamyM	Journal of Vibration and Control	2018	2.66	Annamalai University	1

phase induction motor						
Optimal economic driven planning of multiple DG and capacitor in distribution network considering different compensation coefficients in feeder's failure rate evaluation	Arulraj R and Kumarappan N	Journal of Engineering Science and Technology	2019	0	Annamalai University	3
Reliability/risk centered cost effective preventive maintenance planning of generating units	Umamaheswari E, Ganesan S, Abirami M and Subramanians S	International Journal of Quality Reliability Management	2018	2.52	Annamalai University	1
Generation and transmission expansion management using grasshopper optimization algorithm	Ponnambalam Suriya, Srikrishna Subramanian, Sivaran Ganesan and Manoharan Abirami	International Journal of Engineering Business Management	2018	1.16	Annamalai University	1
Optimal Allocation of TCSC Devices for the Enhancement of ATC In Deregulated Power System using Flower Pollination	Venkatraman K. T, Paramasivambaram I.A	Journal of Engineering Science and Technology	2018	0.78	Annamalai University	1

Algorithm						
Corrosion performance of friction surfaced nickel aluminium bronze (NAB) alloy under erosion corrosion and salt fog environment	Rajakumar. S and Bala subramania n. V	Corrosion Engineering Science and Technology	2018	1.15	Annamalai University	2
Optimising salt fog corrosion parameters to minimising the corrosion rate of AA7075T651 alloy	Prabhuraj. P, Rajakumar. S and Bala subramania n.V	Materials Today	2018	7.17	Annamalai University	1
Analysis of grain refining and subsequent coarsening along on adjacent zone of friction stir welded armour grade aluminium alloy joints	Sivaraj P, Hariprasath P, Rajarajan C and Bala subramania n V	Materials Research Express	2019	1.33	Annamalai University	1
Numerical and Experimental studies on the effect of varied pulse energy in Nd: YAG laser welding of	Shanthos Kumar. G, Saravanan. S, Vetrise lvan. R and Raghukandan. K	Infrared Physics and Technology	2018	2.48	Annamalai University	5

Monel 400 sheets						
Comparison of Numerical and Experimental macrostructure in Nd:YAG laser welding of Hastelloy C276	Saravanan. S, Raghukan. K and Shanthos Kumar. G	International Journal for Light and Electron Optics	2019	1.91	Annamalai University	4
Identifying the combination of friction stir welding parameters to attain maximum strength of AA2014T6 aluminum alloy joints	Rajendran. C, Srinivasan. K, Balasubramanian. V, Balaji. H and Selvaraj. P	Advances in Materials and Processing Technologies	2018	0	Annamalai University	3
Effect of Electrical Discharge Coating on ZE41A Magnesium Alloy Using Sintered WC/Cu Composite	Elaiyarasan. U, Satheshkumar. V, Senthilkumar. C	Journal of Advanced Microscopy Research	2018	0.38	Annamalai University	1
Dry sliding behavior of aluminum alloy 8011 with 4 fly ash composites	Magibalan. S Senthilkumar. P Palanivelu. R Senthilkumar. C Shivasankaran. N and Prabu. N	Materials Testing	2018	0.57	Annamalai University	2
Microstructure and mechanical properties of fly ash particulate	Magibalan. S Senthilkumar. P Palanivelu. R Senthilkumar. C Shivasankaran	Materials Testing	2018	0.57	Annamalai University	1

reinforced AA 8011 aluminum alloy composites	n. N and Prabu .N					
Dry sliding behavior of aluminum alloy 8011 with 8 fly ash composites	Magibalan. S Senthil Kumar. P Palanivelu. R Senthil Kumar. C Shivasankaran. N and Prabu .N	Materials Testing	2018	0.57	Annamalai University	1
Dry sliding behavior of aluminum alloy 8011 with 12 fly ash composites	Magibalan. S Senthil Kumar. P Palanivelu. R Senthil Kumar. C Shivasankaran. N and Prabu N	Materials Research Express	2018	0.57	Annamalai University	1
Experimental analysis of electrical discharge coating characteristics of magnesium alloy using response surface methodology	Elaiyarasan. U, Sathesh Kumar . V, Senthil Kumar. C	Materials Research Express	2018	0.57	Annamalai University	1
Effect of TiB ₂ particle addition on the mechanical properties of Al/TiB ₂ in situ formed metal matrix composites	B.Gobalakrishnan, P. R Lakshminarayanan and R .Varahamoorthi	Materials Testing	2018	0.57	Annamalai University	1
Effect of Electrical Discharge Using Sintered	U. Elaiyarasan, V. Sathesh Kumar C. Senthil Kumar	Journal of Advanced Microscopy Research	2018	0.38	Annamalai University	1

WC/Cu Composite Coating on ZE41A Magnesium Alloy						
A Study on Wear Behaviour of Electrical Discharge Coated Magnesium Alloy	U. Elaiyaran, V. S. Satheshkumar C. Senthil Kumar	Journal of Bio and Tribology Corrosion	2019	2.04	Annamalai University	1
High temperature diffusion bonding of austenitic stainless steel to titanium dissimilar joints	Arun Negemiya. A, Rajakumar. S and Balasubramanian. V	Materials Research Express	2019	1.33	Annamalai University	3
Tensile and impact toughness properties of various regions of dissimilar joints of nuclear grade steels	Karthick, K., Malarvizhi, S., Balasubramanian, V., Krishnan, S. A., Sasikala, G., Albert, S. K.	Journal of Nuclear Engineering and Technology	2018	2.02	Annamalai University	6
Identification of Optimized Interpulse Tungsten Inert Gas (IPTIG) Welding Parameters to attain Minimum Fusion Zone Area in Ti6Al4V alloy sheets used in Aero Engine Components	Vaithiyathan. V, Balasubramanian. V, Malarvizhi. S, Vijayapathy, Swetha Verma	Journal of Advanced Microscopy Research	2018	0.38	Annamalai University	1

Determining the Minimum Corrosion Conditions for the Stir Zone of Friction Stir Welded AA6061 Aluminium Alloy Joints	Kamal Jayaraj. R, Malarvizhi. S and Balasubramanian. V	Defence Technology	2018	2.45	Annamalai University	11
Wear Mechanisms of AZ31B Magnesium Alloy During Dry Sliding Condition	Ilanaganar . E, Anbuselvan. S	Materials Today	2018	1.09	Annamalai University	5
Effect of Organic and Inorganic Reinforcement on Tribological Behaviour of Aluminium A356 Matrix Hybrid Composite	Vinod B, Ramanathan S, Anandajothi M	Journal of Bio and TribologyCorrosion	2018	2.04	Annamalai University	5
Dry sliding wear mechanism maps of Al7Si0.3Mg hybrid composite: Novel approach of IndustrialAgro waste particles to reduce cost of material	Vinod B, Ramanathan S, Anandajothi M, Narayanaswamy P	Journal of Bio and TribologyCorrosion	2019	2.04	Annamalai University	2
Hot workability of	Vinod B, Ramanathan	Journal of Bio and Tr	2018	2.04	Annamalai University	2

waste particles reinforced Al7Si0.3Mg alloy hybrid composites characterized using processing maps	S, Anandajothi M	Corrosion				
Influence of Tool Tilt Angle on the Formation of Friction Stir Processing Zone in Cast Magnesium Alloy ZK60/SiCp Surface Composites	Vigneshkumar. M, Padmanaban. G, and Balasubramanian. V	Metallography, Microstructure and Analysis	2019	1.04	Annamalai University	1
Identifying combination of friction stir welding parameters to maximize strength of lap joints of AA 2014T6 aluminum alloy	Rajendran. C, Srinivasan. K, Balasubramanian. V, Balaji. H, Selvaraj. P	Australian Journal of Mechanical Engineering	2019	0.73	Annamalai University	1
Metallurgical characteristics of armour steel welded joints used for combat vehicle construction	Magudeeswaran, G., Balasubramanian, V., Madhusudan Reddy, G.	Defence Technology	2018	2.45	Annamalai University	2
Microstructural characteristics	Rajarajan, C.,	Journal of Advanced	2018	0.38	Annamalai University	1

acteristic s and load carrying capability of resistance spot welded dual phase (DP800) steel joints,	Sivaraj, P., Balasubramanian, V.,	Microscopy Research				
Correlation between Travel Speed, Microstructure, Mechanical Properties and Wear Characteristics of NiBased Hardfaced Deposits over 316LN Austenitic Stainless Steel,	Gnanasekaran, S., Padmanaban, G., Balasubramanian, V., Kumar, H., Albert, S.K.	High Temperature Materials and Processes	2019	0.58	Annamalai University	1
Establishing The Process Parameters of Linear Friction Welding Process For Dissimilar Joints	G. Magudeeswaran, P. Rajapandian V. Balasubramanian and P. Sivaraj	International Journal of Mechanical Engineering and Technology	2019	2.45	Annamalai University	2
Automatic classification of cast iron grades by support vector machine	Gajalakshmi K., Palanivel S, Nalini, N.J. and Saravanas	Optik	2018	1.91	Annamalai University	2
Prediction and optimization of process parameters to enhance the	Sivagurunikandan, Saravanas, Santhos Kumar, Raju and	Optik	2018	1.91	Annamalai University	13

tensile strength of Nd: YAG laser welded super duplex stainless steel	RaghukandanK					
Numerical and experimental studies on the effect of varied pulse energy in Nd:YAG laser welding of Monel 400 sheets	Santhos KumarG, SaravananS, VetrivelvanR and RaghukandanK	Infrared Physics and Technology	2018	2.48	Annamalai University	5
Process window for Nd: YAG laser welding of super duplex stainless steel	SivagurunikanandanN, SaravananS, SivakumarG and RaghukandanK	Journal of Russian Laser Research	2018	0.74	Annamalai University	1
Coconut shell particles reinforced cardanol formaldehyde resole resin biocomposites: Effect of treatment on thermal properties	Udhayasankar R, Kartikeyan B and Balaji A	International Journal of Polymer Analysis and Characterization	2018	1.73	Annamalai University	5
Emission Reduction on Ethanol - Gasoline blend using cerium oxide nanoparticles as fuel additive	Ananda SrinivasanC, SaravananC.G. and Gopalakrishnan M,	An international journal of Particulate Science and Technology	2018	1.2	Annamalai University	4
An impact	Deivajothi	Alexandria	2018	4.29	Annamalai	1

of ethyl esters of groundnut acid oil (vegetable oil refinery waste) used as emerging fuel in DI diesel engine	P, ManieniyarV and Sivaprakasams	Engineering Journal			University	
Combined influence of injection timing and EGR on combustion, performance and emissions of DI diesel engine fueled with neat waste plastic oil	Damodharan, D, Sathiyaganam A.P, Rajesh KumarD and Saravanas	International Journal of Energy Conversion and management	2018	7.87	Annamalai University	23
Cleaner emissions from a DI diesel engine fueled with waste plastic oil derived from municipal solid waste under the influence of npentanol addition, cold EGR and injection timing	Damodharan D, Sathiyaganam A.P, Kumar B and Ganesh K.C	Environmental Science and Pollution Research (Springer)	2018	3.14	Annamalai University	3
Prediction of emissions	Gopal K, Sathiyaganam A. P.,	International Journal of	2018	7.32	Annamalai University	18

and performance of a diesel engine fuelled with noctanol/diesel blends using response surface methodology	Rajesh Kumar, B, Saravanan, S, Rana, D and Sethuramasamyraj aB	cleaner production				
Effective utilization of waste plastic oil in a direct injection diesel engine using high carbon alcohols as oxygenated additives for cleaner emissions	Damodharan D, Sathiya gnanam A.P, RanacD, Saravana S, RajeshK umar B and Sethuramas amyrajaeB	International Journal of Energy Conversion and Management	2018	7.87	Annamalai University	8
Physicochemical Analysis of water samples near Industrial Area, Kuri njipadi Block, Cuddalore District	Devi S and PremkumarR	International Journal of ChemTech Research	2018	0	Annamalai University	12
Role of fuel additives on reduction of NOx emission from a diesel engine powered by camphor oil biofuel	Thiyagarajan Subramanian, Edwin Geo Varuvel, Saravanan Ganapathy C, Vedharaj S and Valli nayagamR	Environmental Science and Pollution Research	2018	3.14	Annamalai University	11

Comparison of numerical and experimental macrostructure in Nd: YAG laser welding of Hastelloy C276	Saravanan S, Raghukan dan K and S hanthos Kumar	Optik	2019	1.91	Annamalai University	4
Effect of wiremesh interlayer in explosive cladding of dissimilar grade aluminium plates	Saravanan S, Raghukan dan K and Prabhat Kumar S	Journal of Central South University	2019	1.29	Annamalai University	2
Effect of heat input on microstructure and mechanical properties of Nd: YAG laser welded super duplex stainless steel Numerical and experimental approach	Saravanan S, Sivagurumanikandan N and Raghukan dan K.	Optik	2019	1.91	Annamalai University	1
Processing of cardanol resin with CSP using compression molding technique	Udhayasankar R, Kart hikeyan B	Materials and Manufacturing Processes	2019	3.59	Annamalai University	1
An attempt to reduce prosopis juliflora from agricultural land by using gasification	Keerthivasan K.C and Vivekanandan S	Indian Journal of Environmental Protection	2019	0.07	Annamalai University	1

process						
Performance and emission study of a single cylinder diesel engine fuelled with noctanol/WPO with some modifications	Damodharan D, Gopal K, Sathiya gnanam A. P, Rajesh Kumar B, Melvin Victor Depoures and Mukilarasan N	International Journal of Ambient Energy	2019	1.42	Annamalai University	2
Effective utilization of waste plastic oil/nhexanol in an offroad, unmodified DI diesel engine and evaluating its performance, emission, and combustion characteristics	Damodharan Dillikanna n, Dilipsingh J., Melvin Victor Depoures, Gopal Kali yaperumal, Sathiyagnam A. P., Rajesh Kumar Babu Mukilarasan N	International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor Francis)	2019	0.98	Annamalai University	1
Effect of hydroxyl (OH) group position in alcohol on performance, emission and combustion characteristics of SI engine	D. Jesu Godwin, V. Edwin Geoa, S. Thiyagarajan, M. Leenus Jesu Martin, T. Maiyalagan, C.G. Saravanan, FethiAlouid	Energy Conversion and Management	2019	7.87	Annamalai University	2
Utilization of Coal Fly Ash as a Raw Material for the Synthesis of Zeolite like	Elavarasan G, Rajakrishnamoorthy P, Karthikeyan D and Saravanan C.G	International Journal on Emerging Technologies	2019	0	Annamalai University	1

Substance						
Finding the Lubrication oil properties of an Internal Combustion Engine using a capacitive sensor	Elavarasan G, Thiagarajan L, Kannan M and Karthikeyan D	International Journal of Engineering and Advanced Technology	2019	0	Annamalai University	1
Hexagonal Intersection Based Inner Search to Accelerate Motion Estimation	Palaniraj S and Sakthivel G	Lecture Notes in Electrical Engineering	2018	0.28	Annamalai University	1
Hybrid Motion Estimation Algorithm Based on PSO with Dynamic Threshold on Static Block Detection	Palaniraj S and Sakthivel G	Procedia Computer Science Journal	2018	1.48	Annamalai University	1
Comparative Study of Fetal Abnormality Detection Using SVM and PSO	Rajalakshmi S.K and Sivagamasundari S	Journal of Advance Research in Dynamical and Control Systems	2019	0.31	Annamalai University	1
Optimized Hexagonal Search for Fast Motion Estimation Based on Bees Algorithm	Palaniraj P and Sakthivel G	Journal of Computational and Theoretical Nanoscience	2019	0.27	Annamalai University	1
Hierarchy analysis of different crosslinkers used for the preparation	Puspalatha K, Selvamuthukumar S and Kilimozhi D	Chemical engineering communications	2018	1.62	Annamalai University	1

of crosslinked cyclodextrin as drug nanocarrier.						
Enantioselective separation and purity determination of Ondansetron by amylose based Chiral HPLC method: A Chemometric approach	Ganna Anitha and Pandey VP	International Journal of Research in Pharmaceutical Sciences	2018	0.21	Annamalai University	1
Systematic approach for the formulation and optimization of atorvastatin loaded solid lipid NANO PARTICLES using response surface methodology	Babita Sarangi, Utpal Jana, Jyotirmaya Sahoo, Guru Prasad Mohanta and Prabal Kumar Manna	Biomedical Microdevices	2018	2.45	Annamalai University	1
Crosslinked, cyclodextrin based nanosponges for curcumin delivery: physicochemical characterization, drug release, stability and cytotoxicity	Pushpalatha R, Selvamuthukumar S and Kilimozhi D	Journal of Drug Delivery Science and Technology	2018	2.58	Annamalai University	15
No yield penalty under favorable conditions paving the way for successful	Manzoor H. Dar, Najam W. Zaidi, Showkat A. Waza, Satish B. Verulkar, T. Ahmed,	Scientific Reports	2018	4.29	Annamalai University	4

adoption of food tolerant rice	P. K. Singh, S. Bardhan Roy, KBedanand Chaudhary, Rambaran Yadav, Mirza Mofazzal Islam, Khandakar M. Iftekharuddaula, Roy, J.K, Kathiresan, R.M, Singh, B.N. Uma S. Singh Abd					
Effect of different sources of organic manure granules on the growth of hybrid maize	Suresh Kumar, S. and Baradhan, G	Plant Archives	2019	0.1	Annamalai University	2
Five new species of Cleruchus from the Oriental region and report of Anaphesquinquearticalatus (Hymenoptera: Mymaridae) from India.	Manickavasagam, S., Triapitsyn, S. V. Palanivel, S.	Zootaxa	2018	0.9	Annamalai University	1
Evaluation of black gram genotypes for drought tolerance based on root dynamics and gas exchange parameters	Prakash, M, Elangaimanna. R, Sunil Kumar. B and	Legume Research	2018	0.46	Annamalai University	1

Antimicrobial efficacy of liquorice against enterococcus faecalis biofilms in various concentration at time dependent variables: an in vitro study	Shafieahamed, Bhavani and Rajaraman	Journal of conservative dentistry	2019	1.08	Annamalai University	1
Is nonsurgical management effective in temporomandibular joint disorders? - A systematic review and metaanalysis	Ramya K	Dental Research Journal	2018	1.2	Annamalai University	1
Seasonal variability in plankton food web composition in Tuticorin coastal waters, south east coast of India	Bharathi M. D, Patra S, Sundaramoorthy S, Madeswaran P, Chandrasekar D, Sundaramani ckam A,	Marine Pollution Bulletin	2018	4.01	Annamalai University	1
Biosorption of multiheavy metals by coral associated phosphate solubilising bacteria Cronobacter muytjensii KSCAS2	Saranya K, Sundaramanickam A, Shekhar S, Meena M, Sathishkumar R.S, Balasubramanian ,	Journal of Environmental Management	2018	5.32	Annamalai University	8

Environmental variables and nutrients in selected islands of Lakshadweep sea: Addressing coral bleaching.	Kumaresan S.,	Regional Studies in Marine Science	2018	1.58	Annamalai University	1
Report on the occurrence of the xanthid crab, Demania armadillus (Herbst, 1790) in Kalpakkam coastal waters, southeast India.	Silambarasan K, Senthilkumar P, Sundaraman ickam A,	Indian Journal of GeoMarine Sciences	2018	0.46	Annamalai University	1
Seasonal and spatial distribution of heterotrophic bacteria in relation to physicochemical properties along Ennore coastal waters	Bharathi M. D, Sundaramoorthy S, Patra S, Madeswaran P, Sundaraman ickam A,	Indian Journal of GeoMarine Sciences	2018	0.46	Annamalai University	1
Exploring the Microalgae Biofertilizer Effect on Onion Cultivation by Field Experiment	Dineshkumar R, Subramanian J, Arumugam A, Ahamed Rasheeq A. Sampathkumar P	Waste And Biomass Valorization	2018	2.32	Annamalai University	1
Harvest optimization to assess	Chellaiyer P, eriyasamy, Subba Rao P.	Journal of Applied Phycology	2018	2.8	Annamalai University	1

sustainable growth and carrageenan yield of cultivated Kappaphycus salvarezii (Doty) Doty in Indian waters	V and. AnantharamanP					
Isolation, characterization and bioactive potential of sulfate galactans from Sphyrinoides (Bory) Papenfuss	SudharsanS adhasivam, GijiSadhasivam, PalaniappanSreedevi and Annaianshanmugam	International Journal of Biological Macromolecules	2018	4.97	Annamalai University	1
Biodiversity of coral reef associated fishes along south east coast of India.	Jayaprabha, N. Purushothaman, S. Srinivasan, M	Regional Studies in Marine Science	2018	1.58	Annamalai University	2
Bioactive Compounds of Sea Anemones	Thangaraj S, Bragadeeswaran S, GokulaV, SaranyaShanmugam, Kanchana Shankar, SivaramakrishnanRamachandiran, Kavitha Naidu, KapilanKalimuthu, ArumugamMuthuvel	International Journal of Peptide Research and Therapeutics	2019	1.06	Annamalai University	1
Assessment of knowledge and practice on plastics	Srinivasan, N	International Journal of Community Medicine and Public Health	2019	0	Annamalai University	3

among the professional course students of Annamalai University						
Antiinflammatory and anticancer effects of p-methoxycinnamic acid, an active phenylpropanoid, against 1,2-dimethylhydrazine-induced rat colon carcinogenesis	Sivagami Gunasekaran, Karthikumar Venkatchalam, Nalini Namasivayam	Mol Cell Biochem,	2018	3	Annamalai University	3
Role and regulation of proapoptotic Bax in oral squamous cell carcinoma and drug resistance.	Alam M, Kashyap T, Mishra P, Panda AK, Nagini S, Mishra R.	Head Neck	2018	0	Annamalai University	1
Impact of stainless steel welding fumes on proteins and noncoding RNAs regulating DNA damage response in the respiratory tract of Sprague-Dawley rats.	Krishnaraj J, Baba AB, Viswanathan P, Veeravarmal V, Balasubramanian V, Nagini S	IJ Toxicol Environ Health	2018	1	Annamalai University	1
Nimbolide, a neem limonoid inhibits cytoprotective	Sophia J, Kowshik J, Dwivedi A, Bhutia SK, Manavathi B, Mishra	Cell Death Dis.	2018	5.72	Annamalai University	14

autophagy to activate apoptosis via modulation of the PI3K/Akt/GSK3 ? signalling pathway in oral cancer.	R, Nagini S					
Glycogen synthase kinases: Moonlighting proteins with therapeutic potential in cancer.	Nagini S, Sophia J, Mishra R.	Semin Cancer Biol.	2018	8.86	Annamalai University	9
Glycogen synthase kinase3? mediated regulation of matrix metalloproteinase9 and its involvement in oral squamous cell carcinoma progression and invasion.	Pramanik KK, Nagini S, Singh AK, Mishra P, Kashyap T, Nath N, Alam M, Rana A, Mishra R.	Cell Oncol (Dordr).	2018	4.42	Annamalai University	8
Expression of ?integrin in normal epithelium, oral submucous fibrosis and oral squamous cell carcinoma.	Veeravarma l V, Austin RD, Nagini S, Nassar MHM.	Pathol Res Pract.	2018	1.8	Annamalai University	1
Cytochrome P450 structure, function and	Manikandan P, Nagini S.	Curr Drug Targets.	2018	2.22	Annamalai University	28

clinical significance: A review.						
Scopoletin intervention in pancreatic endoplasmic reticulum stress induced by lipotoxicity.	Kalpana K, Priyadarshini E, Sreeja S, Jagan K, Anuradha CV.	Cell Stress and Chaperones	2018	2.75	Annamalai University	1
Molecular Action of Inflammation and Oxidative Stress in Hyperglycemic Rats: Effect of Different Concentrations of Pterocarpus marsupium Extract	Pari L, Majeed, Rathanam Chandramohan.	J Diet Suppl.	2018	1.94	Annamalai University	1
Beneficial Protective Effect of Troxerutin on Nickel Induced Renal Dysfunction in Wistar Rats.	Elangovan P, Ramakrishnan R, Amudha K, Jalaludeen AM, Sagarankumar GK, Babu FR, Pari L.	J Environ Pathol Toxicol Oncol.	2018	1.3	Annamalai University	2
Melatonin and sleep	Kun X, Hong HC, Subramanian P	Biol. Rhythm Res.	2018	0.85	Annamalai University	5
Tumor preventive efficacy of emodin in 7,12dimethylbenz[a]anthracene induced oral carcinogenesis: a histopathological	Manimaranan, Manoharan.S	Pathol Oncol Res.	2018	1.89	Annamalai University	4

and biochemical approach						
Chemopreventive potential of esculetin in 7,12dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis .	Selvasundaram R, Manoharan S, Buddhan R, Neelakandan M, Murali Naidu R.	Mol Cell Biochem.	2018	2.78	Annamalai University	2
Diosmin prevents isoproterenol induced heart mitochondrial oxidative stress in rats.	Sharmila Queenthy Sabarimuthu, Stanely Mai nzen Prince Ponnian, Babu John	Cardiovasc Toxicol.	2018	2.67	Annamalai University	3
A molecular mechanism on the antiapoptotic effects of zingerone in isoproterenol induced myocardial infarcted rats	Stanely Mai nzen Prince P, Hemalatha KL.	Eur J Pharmacol.	2018	3.24	Annamalai University	2
Evaluation of Neurotransmitter Alterations in Four Distinct Brain Regions After Rapid Eye Movement Sleep Deprivation (REMSD) Induced Mania Like	Siddique SA, Tamilselvan T, Vishnupriya M, Balamurugan E	Neurochem Res.	2018	2.8	Annamalai University	2

Behaviour in Swiss Albino Mice.						
Evaluation of behavior and endocrinological changes after REM sleep deprivation induced manialike behavior in mice.	Saiful Alom Siddique, T. Tamilselvan M. Vishnupriya, E. Balamurugan.	Sleep Biol Rhythms.	2018	0.85	Annamalai University	1
[6]Shogaol attenuates inflammation, cell proliferation via modulate NF κ B and AP1 oncogenic signaling in 7,12dimethylbenz[<i>a</i>]anthracene induced oral carcinogenesis.	Annamalai G, Suresh K.	Biomed Pharmacother.	2018	3.78	Annamalai University	5
Flavonoids modulate multidrug resistance through Wnt signaling in Pglycoprotein overexpressing cell lines	Mohana S, Ganesan M, Rajendra Prasad N, Ananthakrishnan D, Velmurugan D.	BMC Cancer.	2018	3.29	Annamalai University	2
Predicting Tumor Sensitivity to Chemotherapeutic Drugs in Oral Squamous Cell Carcinoma Patients.	Beulah Mary R, Dakshinamoorthy M, Ganapathyagraharam Ramamoorthy B, Dhandapani M, Thangaiyan R,	Sci Rep.	2018	4.29	Annamalai University	2

	Muthusamy G, Nirmal RM, Prasad NR.					
Ferulic acid reverses P glycoprotein mediated multidrug resistance via inhibition of PI3K/Akt/NF- κ B signaling pathway.	Muthusamy G, Gunaseelan S, Prasad NR.	J NutrBiotech.	2018	4.68	Annamalai University	10
Naringin prevents ultraviolet B radiation induced oxidative damage and inflammation through activation of peroxisome proliferator or activated receptor α in mouse embryonic fibroblast (NIH3T3) cells.	Roopa ND, Sridevi. M Rajendra Prasad N, Agilan B.	J Biochem Mol Toxicol.	2018	2.56	Annamalai University	1
Alpha pinene modulates UVB induced oxidative stress, DNA damage and apoptosis in human skin epidermal keratinocytes.	Karthikeyan R, Kanimozhi G, Prasad NR, Agilan B, Ganesan M, Srithar G.	Life Sci.	2018	3.4	Annamalai University	6
Preventive effect of apigenin	Thangaiyan R, Robert BM,	J Biochem Mol Toxicol	2018	2.56	Annamalai University	2

against isoproterenol induced apoptosis in cardiomyoblasts.	Arjunan S, Govindasamy K, Nagarajan RP.					
Caffeic acid prevents UVB radiation induced photocarcinogenesis through regulation of PTEN signaling in human dermal fibroblasts and mouse skin.	Balupillai A, Nagarajan RP, Ramasamy K, Govindasamy K, Muthusamy G.	Toxicology and Pharmacology	2018	3.94	Annamalai University	12
Juglans regia L. protects against UVB induced apoptosis in human epidermal keratinocytes	Muzaffer U, Paul VI, Prasad NR, Karthikeyan R.	Biochemistry and Physiology Reports	2018	1.55	Annamalai University	4
Protective effect of Juglans regia L. against ultraviolet B radiation induced inflammatory responses in human epidermal keratinocytes	Muzaffer U, Paul VI, Prasad NR, Karthikeyan R, Agilan B.	Phytotherapy Research	2018	4.09	Annamalai University	1
Protective Effect of Allyl Isothiocyanate on Glycoprotein Components	Rajakumar T, Pugalendhi P, Thilagavathi S	Indian Journal of Clinical Biochemistry	2018	1.33	Annamalai University	1

in 7,12dim ethylbenz(a)anthracene Induced Mammary Carcinoma in Rats.						
Ameliorating effect of berbamine on hepatic key enzymes of carbohydrate metabolism in highfat diet and streptozotocin induced type 2 diabetic rats.	Sankaranarayanan C, Nishanthi R, Pugalendi P.	Biomed Pharmacother.	2018	3.78	Annamalai University	4
Allyl isothiocyanate, a potent chemopreventive agent targets AhR/Nrf2 signaling pathway in chemically induced mammary carcinogenesis	Rajakumar T, Pugalendhi P, Thilagavathi S, Ananthakrishnan D, Gunasekaran K.	Mol Cell Biochem.	2018	2.78	Annamalai University	1
Effect of allyl isothiocyanate on NF- κ B signaling in 7,12dimethylbenz(a)anthracene and N-methyl-N-nitrosourea induced mammary carcinogenesis	Rajakumar T, Pugalendhi P, Jayaganesh R, Ananthakrishnan D, Gunasekaran K.	Breast Cancer	2018	2.02	Annamalai University	2

3,3'-Diindolylmethane Encapsulated Chitosan Nanoparticles Accelerates Inflammatory Markers, ER/PR, Glycoprotein and Mast Cells Population During Chemical Carcinogen Induced Mammary Cancer in Rats.	Stainsloss Isabella, Sankaran Mirunalini, Kannaiyan Pandiyan	Indian Journal of Clinical Biochemistry	2018	1.33	Annamalai University	1
Chrysin: Sources, beneficial pharmacological activities, and molecular mechanism of action	Mani R, Natesan V.	Phytochemistry	2018	3.42	Annamalai University	24
Accumulation of Cholesterol and Homocysteine in the Nigrostriatal Pathway of Brain Contributes to the Dopaminergic Neurodegeneration in Mice.	Paul R, Dutta A, Phukan BC, MazumderMK, Thenmozhi AJ, Manivassagam T, Bhattacharya P, Borah A.	Neuroscience	2018	3.46	Annamalai University	2
Telmisartan Ameliorates Astroglial and Dopaminergic Functions in a Mouse Model of Chronic Pa	Sekar S, Mani S, Rajamani B, Manivassagam T, Thenmozhi AJ, Bhat A, Ray B, Essa MM, Guillemin	Neurotoxic Res.	2018	3.09	Annamalai University	2

parkinsonism .	GJ, Chidambaram SB.					
Melatonin protects against behavioral deficits, dopamine loss and oxidative stress in homocysteine model of parkinsons disease	Paul R, Phukan BC, Justin Thenmozhi A, Manivasagam T, Bhattacharya P, Borah A.	Life Sci.	2018	3.4	Annamalai University	13
Agaricusblazei extract attenuates rotenoneinduced apoptosis through its mitochondrial protective and antioxidant properties in SHSY5Y neuroblastoma cells	Venkatesh Gobi V, Rajasankar S, Ramkumar M, Dhanalakshmi C, Manivasagam T, Justin Thenmozhi A, Essa MM, Chidambaram R.	NutrNeurosci.	2018	2.93	Annamalai University	5
Naringenin decreases α synuclein expression and neuroinflammation in MPTPinduced parkinsons disease model in mice	Mani S, Sekar S, Barathidasan R, Manivasagam T, Justin Thenmozhi AJ, Sevanan M, Chidambaram SB, Essa MM, Guillemin GJ, Sakharkar MK	Neurotox Res.	2018	3.09	Annamalai University	10
Isolongifolene attenuates rotenoneinduced mitochondrial dysfunction,	Balakrishnan R, Elangovan N, Mohankumar T, Nataraj J, Manivasagam T,	Front Biosci (Schol Ed).	2018	2.19	Annamalai University	5

oxidative stress and apoptosis	Justin Thenmozhi A, Mohamed Essa M, Akbar M, Abdul Sattar Khan M					
Asiatic acid nullified aluminium toxicity in invitro model of Alzheimers disease	Ahmad Rather M, Justin The nmozhiA, Manivasagam T, Nataraj J, Musthafa Mohamed E, Chidambara m SB	Front Biosci (Elite Ed).	2018	1.6	Annamalai University	7
Protective effects of p coumaric acid on ethanol induced male reproductive toxicity.	Nishi K, Ramakrishna S, Gunasekaran VP, Parkash K, Ramakrishnan A, VijayKumar N, Ganeshan M	Life Sci.	2018	3.4	Annamalai University	4
Paeonol exhibits antitumor effects by apoptotic and antiinflammatory activities in 7,12dimethylbenz(a)anthracene induced oral carcinogenesis.	Ramachandh iran D, Vinothkumar V, Babukumar S.	J Biotechnic and Histoc hemistry	2018	1.19	Annamalai University	3
Betanin exhibits significant potential as an anti hyperglycemic and attenuating the glycoprotein components in streptozotocin ni	Indumathi D, Sujithra K, Srinivasan S,	Toxicology Mechanisms and Methods	2018	2.32	Annamalai University	4

cotinamide induced experimental rats.						
Citral, a Monoterpen e Inhibits Adipogenesis Through Modulation of Adipogenic Transcription Factors in 3T3L1 Cells.	S. Sri Devi,	Ind J Clin Bioche	2018	1.33	Annamalai University	2
Amelioration of Aluminum Maltolate Induced Inflammation and Endoplasmic Reticulum Stress Mediated Apoptosis by Tannoid Principles of Emblica officinalis in Neuronal Cellular Model.	Dhivya Bharathi M, JustinT henmozhi A, Manivasagam T, Ahmad Rather M, Saravana Babu C, Mohamed Essa M, Guillemine GJ.	Neurotox Res.	2019	3.09	Annamalai University	4
Attenuation of Aluminum Chloride Induced Neuroinflammation and Caspase Activation Through the AKT/GSK3 β Pathway by Hesperidin in Wistar Rats.	JustinThenmozhi A, Dhivya Bharathi M, Kiruthika R, Manivasagam T, Borah A, Essa MM.	Neurotox Res.	2018	3.09	Annamalai University	5
Chicory (Cichorium intybus) and	Ali S.I, Gopalakrishnan B and	Parasitology International	2018	1.8	Annamalai University	2

wormwood (Artemisia absinthium) extracts exhibit strong larvicidal activity against mosquito vectors of malaria, dengue fever, and filariasis	Venkatesalu V					
Evaluation of larvicidal activity of Senecio laetusEdge w. against the malarial vector, Anopheles stephensi, dengue vector, Aedes aegypti and Bancroftian filariasis vector, Culex quinquefasciatus	Ali S.I, Gopalakrishnan B and Venkatesalu V	South African Journal of Botany	2018	1.65	Annamalai University	3
Design, synthesis and biological evaluation of 2(phenoxyethyl)5-phenyl-1,3,4-oxadiazole derivatives as anticancer agents	Lakshminandral K, Saravanan K, Elancheran R, Archana K, Manikandan N, Arjun HA, Ramanathan M, Lokanath NK, Kabilan S.	European journal of medicinal Chemistry	2019	5.46	Annamalai University	2
Tailoring the molecular design of	Jayabharathi J, Ramya R, Thanikachal	RSC advances	2018	3.16	Annamalai University	2

twisted dihydrobenzodioxinphenanthroimidazole derivatives for nondoped blue organic light emitting devices	am V, Nethaji P.					
Efficient full colour organic light emitting diodes based on donor-acceptor electroluminescent materials with a reduced singlet-triplet splitting energy gap	Jayabharathi J, Ramya R, Thanikachalam V, Jeeva P, Sarojpurani E	RSC advances	2018	3.16	Annamalai University	4
Synthesis and characterization of bimetallic nanocomposite and its photocatalytic, antifungal and antibacterial activity.	Senthilraj A, Krishnakumar B, Hariharan R, Sobral AJ, Surya C, John NA, Shanthi M.	Separation and Purification Technology	2018	5.05	Annamalai University	3
Structural variations in zinc (II) complexes with N,N-di(4-fluorobenzyl)dithiocarbamate and imines: New precursor for zinc sulfide nan	Selvaganapathi P, Thirumaran S, Ciattini S	Polyhedron	2018	2.07	Annamalai University	5

noparticles						
A Review of Threedimensional Printing for Biomedical and Tissue Engineering Applications.	Devi MG, Amutheesan M, Govindhyan R, Karthik eyan B.	Open Biotechnology	2018	0.49	Annamalai University	1
Color Image Compression based on Feature Extraction	AshpinPabi D.J, Aruna P and Puviarasan N	Advances in Intelligent Systems and Computing	2018	0.54	Annamalai University	6
Audio encryption-a chaosbased data byte scrambling technique	Parvees M.Y.M, Samath J.A and Bose B.P	International Journal of Applied Systemic Studies	2018	0.19	Annamalai University	3
Confidential storage of medical images a chaosbased encryption approach	Mohamed Parvees M. Y, Abdul Samath J and Parame swaran Bose B	International Journal of Cloud Computing	2018	0.24	Annamalai University	1
Prediction of Agriculture growth and Level of Concentration in Paddy A Stochastic Data Mining Approach	Rajesh P and Karthikeyan M	Advances in Intelligent Systems and Computing	2019	0.54	Annamalai University	3
Data Assimilation of gross Domestic Product (GDP) in India using Stochastic Data Mining approach	Rajesh P and Karthikeyan M	Journal of Computational and theoretical Nanoscience	2019	0.27	Annamalai University	1

Radon isotope assessment of submarine groundwater discharge (SGD) in Coleroon River Estuary, Tamil Nadu, India	Prakash R, Srinivasam oorthy K, Gopinath S Saravanan K, Vinnarasi F, Ponnumani G, Chidambaram S and Anandhan P	Journal of Radioanalytical and Nuclear Chemistry	2018	1.18	Annamalai University	2
Assessment of hydrogeochemical characteristics of groundwater in the lower Vellar river basin: using Geographical Information System (GIS) and Water Quality Index (WQI)	Gnanachandrasamy G, Dushiyanthan C, JeyavelRajakumar T and Yongzhang Zhou	Environment, Development and Sustainability	2018	1.95	Annamalai University	1
Ecological risk assessment of selected heavy metals in the surface sediments of three estuaries in the southeastern coast of India	S. Venkatesan	Environmental Earth Sciences	2018	2.12	Annamalai University	5
Geoelectrical approach to determine the lithology	Devaraj N, Chidambaram S, Banajarani Panda Thivya C,	Modeling Earth Systems and Environment	2018	0	Annamalai University	1

ogical contact and ground water quality along the KT boundary of Tamilnadu, India	Thilagavathi R and Ganesh N					
An insight on the speciation and genetical imprint of bicarbonate ion in the ground water along K/T boundary, South India	Devaraj N, Chidambaram S, Rakesh Roshan Gantayat, Thivya C, Thilagavathi R, Prasanna M. V, Banajarani Panda, Adithya V. S, Vasudevan U, Pradeep K Paramaguru P and Ganesh N	Arabian Journal of Geosciences	2018	1.35	Annamalai University	1
Dissecting the role of miR21 in different types of stroke	Mani Panagal, Biruntha M, Vidhyavathi R.M, Sivagurunathan P, Senthilkumar S.R and DurairajSekar	Gene	2019	2.6	Annamalai University	3
Identification, expression, and methylation of miR7110 and its involvement in type 1 diabetes mellitus	Priyanka P, Mani Panagal, Pethanen Sivakumar, Vincent Gopinath, Ananthavalli R, Kartigeyan M, SivagurunathanParamasivam, Senthil	Gene Reports	2018	0.6	Annamalai University	2

	Kumar S.R and Durair ajSekar					
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal, Senthil Kumar S. R, Sivagur unathan P, Birintha M, Karthig eyan M, Vincent Gopinathe, PethanenSi vakumare and Durair ajSekar	Cancer Gene Therapy	2018	4.15	Annamalai University	4
Effect of Na doping on structu ral, optical, and electrical properties of Cu ₂ Se thin films prepared by chemical bath deposition method	Sudha A. P, Henry J, Mohanraj K and Sivakumar G	Applied Physics A	2018	2.33	Annamalai University	2
Effect of annealing temperatur e on thermally evaporated Cu ₃ SbS ₃ thin films	Daniel T, Mohanraj K and Sivakumar G	Journal of Materials Science: Materials in Electro nics	2018	2.16	Annamalai University	1
Photoelect rochemical cell perfo rmances of Cu ₂ ZnSnSe ₄ thin films deposited on various conductive substrates	Henry J, Mohanraj K and Sivakumar G	Vacuum	2018	2.42	Annamalai University	3
Vacuum evaporated FTO/(Cu, A g) ₂ ZnSnSe ₄	Henry J, Mohanraj K and Sivakumar	Vacuum	2018	2.42	Annamalai University	1

thin films and its electrochemical analysis	G					
Fabrication of mesoporous iron (Fe) doped copper sulfide (CuS) nano composite in the presence of a cationic surfactant via mild hydrothermal method for supercapacitors	William Brown J, Ramesh P.S and Geetha D	Mater. Res. Express	2018	1.33	Annamalai University	5
Electrochemical studies on Ni doped CuS nanostructures with cationic surfactant synthesized through a hydrothermal route	Surekha Podili, Geetha D and Ramesh P.S	J Mater Sci: Mater Electron	2018	2.16	Annamalai University	4
Synthesis and enhanced photocatalytic property of Ni doped ZnS nanoparticles	Jothibas M, Manoharan C, Johnson Jeyakumar S, Praveen P, Kartharinal Punithavathy I and Prince Richard J	Solar Energy	2018	5.24	Annamalai University	30
Tuning the properties of ZnO thin film on ITO substrates with Ga dopant for	Dhamodhara n P, Manoharan C and Bououdina M	Journal of Materials Science: Materials in Electronics	2018	2.16	Annamalai University	2

dye sensitized solar cell applications						
Fabrication of highly effective mosquito net anolarvicides using an Asian plant of ethnopharmacological interest, Priyangu (<i>Aglaia elaeagnoides</i>): toxicity on nontarget mosquito natural enemies.	Benelli G, Govindarajan M, Senthilmurugan S, Vijayan P, Kadaikunnan S, Alharbi NS, Khaled JM	Environ Sci Pollut Res Int., 25(11):1028310293	2018	3.14	Annamalai University	7
Protective effect of <i>Juglans regia</i> L., against ultravioletB induced photoaging in human epidermal keratinocytes	Muzaffer U, Paul VI, Agilan B, and Prasad NR	Biomed Pharmacother.	2019	3.78	Annamalai University	1
Effect of Berberine chloride on the liver of Streptozotocin induced diabetes in albino Wistar rats	G. Chandrasegaran,	Biomed Pharmacother.	2018	3.78	Annamalai University	4
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Tensile and impact toughness properties of various regions of dissimilar joints of nuclear grade steels	Karthick, K., Malarvizhi, S., Balasubramanian, V., Krishnan, S. A., Sasikala, G., Albert, S. K.	Journal of Nuclear Engineering and Technology	2018	1	6	Annamalai University
Identification of Optimized Interpulse Tungsten Inert Gas (IPTIG) Welding Parameters to attain Minimum Fusion Zone Area in Ti6Al4V alloy sheets used in Aero Engine Components	Vaithiyathan. V, Balasubramanian. V, Malarvizhi. S, Vijaypattay, Swetha Verma	Journal of Advanced Microscopy Research	2018	9	1	Annamalai University
Determining the Minimum Corrosion Conditions for the Stir Zone of Friction Stir Welded AA6061 Aluminium Alloy Joints	Kamal Jayaraj. R, Malarvizhi. S and Balasubramanian. V	Defence Technology	2018	13	11	Annamalai University
Wear Mechanisms of AZ31B Magnesium Alloy During Dry Sliding Condition	Ilanaganar. E, Anbuselvan. S	Materials Today	2018	2	5	Annamalai University

Effect of Organic and Inorganic Reinforcement on Tribological Behaviour of Aluminium A356 Matrix Hybrid Composite	Vinod B, Ramanathan S, Anandajothi M	Journal of Bio and TribologyCorrosion	2018	14	5	Annamalai University
Dry sliding wear mechanism maps of Al7Si0.3Mg hybrid composite: Novel approach of IndustrialAgro waste particles to reduce cost of material	Vinod B, Ramanathan S, Anandajothi M, Narayanaswamy P	Journal of Bio and TribologyCorrosion	2019	14	2	Annamalai University
Hot workability of waste particles reinforced Al7Si0.3Mg alloy hybrid composites characterized using processing maps	Vinod B, Ramanathan S, Anandajothi M	Journal of Bio and TribologyCorrosion	2018	2	2	Annamalai University
Influence of Tool Tilt Angle on the Formation of Friction Stir Processing Zone in Cast Magnesium Alloy	Vigneshkumar. M, Padmanaban. G, and Balasubramanian. V	Metallography, Microstructure and Analysis	2019	9	1	Annamalai University

ZK60/SiCp Surface Composites						
Identifying combination of friction stir welding parameters to maximize strength of lap joints of AA 2014T6 aluminum alloy	Rajendran. C, Srinivasan. K, Balasubramanian . V Balaji. H, Selvaraj. P	Australian Journal of Mechanical Engineering	2019	2	1	Annamalai University
Metallurgical characteristics of armour steel welded joints used for combat vehicle construction	Magudeeswaran, G., Balasubramanian, V., Madhusudan Reddy, G.	Defence Technology	2018	8	2	Annamalai University
Microstructural characteristics and load carrying capability of resistance spot welded dual phase (DP800) steel joints,	Rajarajan, C., Sivaraj, P., Balasubramanian, V.,	Journal of Advanced Microscopy Research	2018	44	1	Annamalai University
Correlation between Travel Speed, Microstructure, Mechanical Properties and Wear Characteristics of NiBased	Gnanasekaran, S., Padmanaban, G., Balasubramanian, V., Kumar, H., Albert, S.K.	High Temperature Materials and Processes	2019	2	1	Annamalai University

Hardfaced Deposits over 316LN Austenitic Stainless Steel,						
Establishing The Process Parameters of Linear Friction Welding Process For Dissimilar Joints	G. Magudeeswaran, P. Rajapandian and V. Balasubramanian and P. Sivaraj	International Journal of Mechanical Engineering and Technology	2019	8	2	Annamalai University
Automatic classification of cast iron grades by support vector machine	Gajalakshmi K., Palanivel S, Nalini, N.J. and Saravanas	Optik	2018	2	2	Annamalai University
Prediction and optimization of process parameters to enhance the tensile strength of Nd: YAG laser welded super duplex stainless steel	Sivagurunikandan N, Saravanas, Santhos Kumar G, Raju S and Raghukanan K	Optik	2018	3	13	Annamalai University
Numerical and experimental studies on the effect of varied pulse energy in Nd:YAG laser welding of Monel 400 sheets	Santhos Kumar G, Saravanas, Vetrivelvan R and Raghukanan K	Infrared Physics and	2018	8	5	Annamalai University
Process window for	Sivagurunikandan N,	Journal of Russian	2018	8	1	Annamalai University

Nd: YAG laser welding of super duplex stainless steel	Saravanan S , Sivakumar G and Raghukanandan K	Laser Research				
Coconut shell particles reinforced cardanol formaldehyde resin biocomposites: Effect of treatment on thermal properties	Udhayasankar R, Kartikeyan B and Balaji A	International Journal of Polymer Analysis and Characterization	2018	2	5	Annamalai University
Emission Reduction on Ethanol - Gasoline blend using cerium oxide nanoparticles as fuel additive	Ananda Srinivasan C, Saravanan C .G. and Gopalakrishnan M,	An international journal of Particulate Science and Technology	2018	2	4	Annamalai University
An impact of ethyl esters of groundnut acid oil (vegetable oil refinery waste) used as emerging fuel in DI diesel engine	Deivajothi P, Maniyan V and Sivaprakasam S	Alexandria Engineering Journal	2018	1	1	Annamalai University
Combined influence of injection timing and EGR on combustion, performance and emissions of DI	Damodharan , D, Sathiyaganam A.P, Rajesh Kumar D and Saravanan S	International Journal of Energy Conversion and management	2018	10	23	Annamalai University

diesel engine fueled with neat waste plastic oil						
Cleaner emissions from a DI diesel engine fueled with waste plastic oil derived from municipal solid waste under the influence of npentanol addition, cold EGR and injection timing	Damodharan D, Sathiyaganam A.P, Kumar B and Ganesh K.C	Environmental Science and Pollution Research (Springer)	2018	10	3	Annamalai University
Prediction of emissions and performance of a diesel engine fuelled with noctanol/diesel blends using response surface methodology	Gopal K, Sathiyaganam A. P., Rajesh Kumar, B, Saravanan, S, Rana, D and Sethuramasamyraj aB	International Journal of cleaner production	2018	10	18	Annamalai University
Role of fuel additives on reduction of NOx emission from a diesel engine powered by camphor	Thiyagarajan Subramanian, Edwin Georvaruvel, Saravanan Ganapathy C,Vedharaj S andVallinayagamR	Environmental Science and Pollution Research	2018	0	11	Annamalai University

oil biofuel							
Comparison of numerical and experimental macrostructure in Nd: YAG laser welding of Hastelloy C276	Saravanan S, Raghukan dan K and S hanthos Kumar	Optik	2019	8	4	Annamalai University	
Effect of wiremesh interlayer in explosive cladding of dissimilar grade aluminium plates	Saravanan S, Raghukan dan K and Prabhat Kumar S	Journal of Central South University	2019	8	2	Annamalai University	
Effect of heat input on microstructure and mechanical properties of Nd: YAG laser welded super duplex stainless steel Numerical and experimental approach	Saravanan S, Sivagumanikandan N and Raghukan dan K.	Optik	2019	8	1	Annamalai University	
Processing of cardanol resin with CSP using compression molding technique	Udhayasankar R, Karthikeyan B	Materials and Manufacturing Processes	2019	2	1	Annamalai University	
an attempt to reduce prosopis juliflora from agricultural land by	Keerthivasan K.C and Vivekanandan S	Indian Journal of Environmental Protection	2019	1	1	Annamalai University	

using gasification process						
Performance and emission study of a single cylinder diesel engine fuelled with noctanol/WPO with some modifications	Damodharan D, Gopal K, Sathiyagananam A. P, Rajesh Kumar B, Melvin Victor Depouresand Mukilarasan N	International Journal of Ambient Energy	2019	10	2	Annamalai University
Effective utilization of waste plastic oil/nhexanol in an offroad, unmodified DI diesel engine and evaluating its performance, emission, and combustion characteristics	Damodharan Dillikanna n, Dilipsingh J., Melvin Victor Depoures, Gopal Kaliyaperumal, Sathiyagananam A. P., Rajesh Kumar Babu Mukilarasan N	International Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor Francis)	2019	10	1	Annamalai University
Effect of hydroxyl (OH) group position in alcohol on performance, emission and combustion characteristics of SI engine	D. Jesu Godwin, V. Edwin Geoa, S. Thiyagarajan, M. Leenus Jesu Martin, T. Maiyalagan, C.G. Saravanan, FethiAlouid	Energy Conversion and Management	2019	17	2	Annamalai University
Utilization of Coal Fly Ash as a Raw Material for the Synthesis	Elavarasan G, Rajakrishnamoorthy P, Karthikeyan D and Saravanan	International Journal on Emerging Technologies	2019	1	1	Annamalai University

of Zeolite like Substance	C.G					
Finding the Lubrication oil properties of an Internal Combustion Engine using a capacitive sensor	Elavarasan G, Thiagarajan L, Kannan M and Karthikeyan D	International Journal of Engineering and Advanced Technology	2019	1	1	Annamalai University
Hexagonal Intersection Based Inner Search to Accelerate Motion Estimation	palaniraj S and Sakthivel G	Lecture Notes in Electrical Engineering	2018	1	1	Annamalai University
Hybrid Motion Estimation Algorithm Based on PSO with Dynamic Threshold on Static Block Detection	palaniraj S and Sakthivel G	Procedia Computer Science Journal	2018	1	1	Annamalai University
Comparative Study of Fetal Abnormality Detection Using SVM and PSO	Rajalakshmi S.K and Sivagamasundari S	Journal of Advance Research in Dynamical and Control Systems	2019	1	1	Annamalai University
Optimized Hexagonal Search for Fast Motion Estimation Based on Bees Algorithm	Palaniraj P and Sakthivel G	Journal of Computational and Theoretical Nanoscience	2019	1	1	Annamalai University
Hierarchy analysis of different crosslinkers used	Puspalatha K, Selvamuthukumar S and Kilimozhi D	Chemical engineering communications	2018	5	1	Annamalai University

for the preparation of crosslinked cyclodextrin as drug nanocarrier.						
Microemulsion as Delivery System for Peptides and proteins	Landge Anil and Kannan Krishnamoorthy	Journal of Pharmaceutical Sciences and Research	2018	7	1	Annamalai University
Enantioseparation and purity determination of Ondansetron by amylose based Chiral HPLC method: A Chemometric approach	Ganna Anitha and Pandey VP	International Journal of Research in Pharmaceutical Sciences	2018	1	1	Annamalai University
Systematic approach for the formulation and optimization of atorvastatin loaded solid lipid NANOPARTICLES using response surface methodology	Babita Sarangi, Utpal Jana, Jyotirmaya Sahoo, Guru Prasad Mohanta and Prabal Kumar Manna	Biomedical Microdevices	2018	1	1	Annamalai University
Crosslinked, cyclodextrin based nanosponges for curcumin delivery physicochemical characterization, drug release, stability and cytotoxicity	Pushpalatha R, Selvamuthukumar S and Kilimozhi D	Journal of Drug Delivery Science and Technology	2018	8	15	Annamalai University

xicity						
Drug Infusions by Model Predictive Control using Computational Therapeutic Models	Chandramouli R, Sathyanarayana Raman Dang D and Ranganath Muthu	Asian Journal of Pharmaceutics	2018	6	2	Annamalai University
No yield penalty under favorable conditions paving the way for successful adoption of food tolerant rice	Manzoor H. Dar, Najam W. Zaidi, Showkat A. Waza, Satish B. Verulkar, T. Ahmed, P. K. Singh, S. Bardhan Roy, KBedanand Chaudhary, Rambaran Yadav, Mirza Mofazzal Islam, Khandakar M. Iftekharuddaula, Roy, J.K, Kathiresan, R.M, Singh, B.N. Uma S. Singh Abd	Scientific Reports	2018	4	4	Annamalai University
Effect of different sources of organic manure granules on the growth of hybrid maize	Suresh Kumar, S.. and Baradhan, G	Plant Archives	2019	2	2	Annamalai University
Five new species of Cleruchus from the Oriental region and report of Anaphesqui	Manickavasagam, S., Triapitsyn, S. V. Palanivel, S.	Zootaxa	2018	3	1	Annamalai University

nquearticulatus (Hymenoptera: Mymaridae) from India.						
Evaluation of black gram genotypes for drought tolerance based on root dynamics and gas exchange parameters	Prakash, M, Elangaimanna. R.	Legume Research	2018	0	1	Annamalai University
Antimicrobial efficacy of liquorice against enterococcus faecalis biofilms in various concentration at time dependent variables: an in vitro study	Shafieahamed, Bhavani, Rajaraman	Journal of conservative dentistry	2019	1	1	Annamalai University
Seasonal variability in plankton food web composition in Tuticorin coastal waters, south east coast of India	Bharathi M. D, Patra S, Sundaramoorthy S, Madeswaran P, Chandrasekar D, Sundaramanickam A	Marine Pollution Bulletin	2018	1	1	Annamalai University
Biosorption of multiheavy metals by coral associated	Saranya K, Sundaramanickam A, Shekhar S, Meena M, Sathishkuma	Journal of Environmental Management	2018	2	8	Annamalai University

phosphate solubilising bacteria Cronobacter muytjensii KSCAS2	rR.S, Bala subramanian					
Environmental variables and nutrients in selected islands of Lakshadweep sea: Addressing coral bleaching	KumaresanS., Shekhar S., ChakrabortyS. SundaramanickamA, KulyN	Regional Studies in Marine Science	2018	4	1	Annamalai University
Report on the occurrence of the xanthid crab, Demania armadillus (Herbst, 1790) in Kalpakkam coastal waters, southeast India.	SilambarasanK, SenthilkumarP, SundaramanickamA,	Indian Journal of GeoMarine Sciences	2018	6	1	Annamalai University
Seasonal and spatial distribution of heterotrophic bacteria in relation to physicochemical properties along Ennore coastal waters	BharathiM. D., SundarmoorthyS, PrathasaS, MadhureswaranP, SundaramanickamA,	Indian Journal of GeoMarine Sciences	2018	1	1	Annamalai University
Exploring the Microalgae Biofertilizer Effect	DineshkumarR, SubramanianJ, ArumugamA, . Ahamed	WASTE AND BIOMASS VOLARIZATION	2018	2	1	Annamalai University

on Onion C ultivation by Field Experiment	RasheeqA. Sampathkum arP					
Harvest op timization to assess sustainabl e growth and carrag eenan yield of cultivated Kappaphycu salvarezii (Doty) Doty in Indian waters	ChellaiahP eriyasamy, SubbaRaoP. V and. Ana ntharamanP	Journal of Applied Phycology	2018	5	1	Annamalai University
Isolation, characteri zation and bioactive potential of sulfate dgalactans from Spyri diahypnoid es (Bory) Papenfuss	SudharsanS adhasivam, GijiSadhas ivam, Pala niappanSee devi and A nnaianShan mugam	Internatio nal Journal of Biological Macromolec ules	2018	4	1	Annamalai University
Bioiversit y of coral reef associated fishes along south east coast of India.	Jayaprabha , N. Purus othaman, S. Sriniva san, M	Regional Studies in Marine Science	2018	2	2	Annamalai University
Bioactive Compounds of Sea Anemones	Thangaraj S, Bragade eswaran S, GokulaV,Sa ranyaShanm ugam, Kanchana Shankar, S ivaramakri shnanRamac handiran, Kavitha Naidu, Kap ilanKalimu thu, Arumu gamMuthuve 1	Internatio nal Journal of Peptide Research and Therap eutics	2019	10	1	Annamalai University

Assessment of knowledge and practice on plastics among the professional course students of Annamalai University	Srinivasan , N	International Journal of Community Medicine and Public health	2019	1	3	Annamalai University
Antiinflammatory and anticancer effects of p-methoxybenzoic acid, an active phenylpropanoid, against 1,2-dimethylhydrazine-induced rat colon carcinogenesis	Sivagami Gunasekaran , Karthikumar Venkatchalam, Nalini Namasivayam	Mol Cell Biochem,	2018	6	3	Annamalai University
Role and regulation of proapoptotic Bax in oral squamous cell carcinoma and drug resistance.	Alam M, Kashyap T, Mishra P, Panda AK, Nagini S, Mishra R.	Head Neck	2018	40	1	Annamalai University
Impact of stainless steel welding fumes on proteins and noncoding RNAs regulating DNA damage response in the respiratory tract of Sprague-Dawley rats.	Krishnaraj J, Baba AB, Viswanathan P, Veeravarmal V, Balasubramanian V, Nagini S	IJ Toxicol Environ Health A.	2018	2	1	Annamalai University

Nimbolide, a neem limonoid inhibits cytoprotective autophagy to activate apoptosis via modulation of the PI3K/Akt/GSK3 β signalling pathway in oral cancer.	Sophia J, Kowshik J, Dwivedi A, Bhutia SK, Manavathi B, Mishra R, Nagini S.	Cell Death Dis.	2018	5	14	Annamalai University
Glycogen synthase kinases: Moonlighting proteins with therapeutic potential in cancer.	Nagini S, Sophia J, Mishra R.	Semin Cancer Biol.	2018	40	9	Annamalai University
Glycogen synthase kinase3 β mediated regulation of matrix metalloproteinase9 and its involvement in oral squamous cell carcinoma progression and invasion.	Pramanik KK, Nagini S, Singh AK, Mishra P, Kashyap T, Nath N, Alam M, Rana A, Mishra R.	Cell Oncol (Dordr).	2018	40	8	Annamalai University
Expression of β 1 integrin in normal epithelium, oral submucous fibrosis and oral squamous cell carcinoma.	Veeravarma L V, Austin RD, Nagini S, Nassar MHM.	Pathol Res Pract.	2018	4	1	Annamalai University

Cytochrome P450 structure, function and clinical significance: A review.	Manikandan P, Nagini S.	Curr. Drug Targets	2018	40	28	Annamalai University
Scopoletin intervention in pancreatic endoplasmic reticulum stress induced by lipotoxicity.	Kalpna K, Priyadarshini E, Sreeja S, Jagan K, Anuradha CV.	Cell Stress and Chaperones, doi:	2018	2	1	Annamalai University
Molecular Action of Inflammation and Oxidative Stress in Hyperglycemic Rats: Effect of Different Concentrations of Pterocarpus marsupium Extract	Pari L, Majeed, Rathinam Chandramohan.	J Diet Suppl.	2018	47	1	Annamalai University
Beneficial Protective Effect of Troxerutin on Nickel Induced Renal Dysfunction in Wistar Rats.	Elangovan P, Ramakrishnan R, Amudha K, Jalaludeen AM, Sagarankumar GK, Babu FR, Pari L.	J Environ Pathol Toxicol Oncol.	2018	3	2	Annamalai University
Melatonin and sleep	Kun X, Hong HC, Subramanian P	Biol. Rhythm Res.	2018	21	5	Annamalai University
Tumor preventive efficacy of emodin in 7,12dimethylbenz[a]anthrac	Manimaranan, Manoharan.S	Pathol Oncol Res.	2018	5	4	Annamalai University

eneinduced oral carcinogenesis: a histopathological and biochemical approach						
Chemopreventive potential of esculetin in 7,12dimethylbenz(a)anthracene induced hamster buccal pouch carcinogenesis .	Selvasundaram R, Manoharan S, Buddhhan R, Neelakandan M, Murali Naidu R.	Mol Cell Biochem.	2018	1	2	Annamalai University
Diosmin prevents isoproterenol induced heart mitochondrial oxidative stress in rats.	Sharmila Queenthy Sabarimuthu, Stanely Mainzen Prince Ponnian, Babu John	Cardiovasc Toxicol.	2018	22	3	Annamalai University
A molecular mechanism on the antiapoptotic effects of zingerone in isoproterenol induced myocardial infarcted rats	Stanely Mainzen Prince P, Hemalatha KL.	Eur J Pharmacol.	2018	22	2	Annamalai University
Evaluation of Neurotransmitter Alterations in Four Distinct Brain Regions After Rapid Eye Movement Sleep Depr	Siddique SA, Tamilselvan T, Vishnupriya M, Balamurugan E	Neurochem Res.	2018	2	2	Annamalai University

ivation (REMSD) Induced ManiaLike Behaviour in Swiss Albino Mice.						
Evaluation of behavior and endocrinological changes after REM sleep deprivation	Saiful Alom Siddique, T. Tamilselvan M. Vishnupriya, E. Balamurugan.	Sleep Biol Rhythms.	2018	2	1	Annamalai University
[6]Shogaol attenuates inflammation, cell proliferation via modulate NF- κ B and AP1 oncogenic signaling in 7,12dimethylbenz[<i>a</i>]anthracene induced oral carcinogenesis.	Annamalai G, Suresh K.	Biomed Pharmacother.	2018	17	5	Annamalai University
Flavonoids modulate multidrug resistance through Wnt signaling in Pglycoprotein overexpressing cell lines.	Mohana S, Ganesan M, Rajendra Prasad N, Ananthakrishnan D, Velmurugan D.	BMC Cancer.	2018	3	2	Annamalai University
Predicting Tumor Sensitivity to Chemotherapeutic Drugs in Oral Squamous Cell Carcinoma	Beulah Mary R, Dakshinamoorthy M, Ganapathyagraharam Ramamoorthy B, Dhandapani M, Thangaiyan	Sci Rep.	2018	2	2	Annamalai University

Patients	R, Muthusamy G, Nirmal RM, Prasad NR.					
Ferulic acid reverses P glycoprotein mediated multidrug resistance via inhibition of PI3K/Akt/NF- κ B signaling pathway.	Muthusamy G, Gunaseelan S, Prasad NR.Muthusamy G, Gunaseelan S, Prasad NR.	J Nutr Biochem.	2018	7	10	Annamalai University
Naringin prevents ultraviolet B radiation induced oxidative damage and inflammation through activation of peroxisome proliferator or activated receptor ? in mouse embryonic fibroblast (NIH3T3) cells.	Roopa ND, Sridevi. M Rajendra Prasad N, Agilan B.	J Biochem Mol Toxicol.	2018	6	1	Annamalai University
Alpha pinene modulates UV induced oxidative stress, DNA damage and apoptosis in human skin epidermal keratinocytes.	Karthikeyan R, Kanimozhi G, Prasad NR, Agilan B, Ganesan M, Srithar G.	Life Sci.	2018	5	6	Annamalai University
Preventive effect of	Thangaiyan R, Robert	J Biochem Mol	2018	2	2	Annamalai University

apigenin against isoproterenol induced apoptosis in cardiomyoblasts.	BM, Arjunan S, Govindasamy K, Nagarajan RP.	Toxicol.				
Caffeic acid prevents UVB radiation induced photocarcinogenesis through regulation of PTEN signaling in human dermal fibroblasts and mouse skin.	Balupillai A, Nagarajan RP, Ramasamy K, Govindasamy K, Muthusamy G.	Toxicol Appl Pharmacol.	2018	6	12	Annamalai University
Juglans regia L. protects against UVB induced apoptosis in human epidermal keratinocytes.	Muzaffer U, Paul VI, Prasad NR, Karthikeyan R.	Biochem Biophys Rep.	2018	2	4	Annamalai University
Protective effect of Juglans regia L. against ultraviolet B radiation induced inflammatory responses in human epidermal keratinocytes.	Muzaffer U, Paul VI, Prasad NR, Karthikeyan R, Agilan B.	Phytochemistry	2018	2	1	Annamalai University
Protective Effect of Allyl Isothiocyanate on Glycoprotein	Rajakumar T, Pugalandhi P, Thilagavathi S	Indian J Clin Biochem.	2018	5	1	Annamalai University

Components in 7,12dimethylbenz(a)anthracene Induced Mammary Carcinoma in Rats.						
Ameliorating effect of berberine on hepatic key enzymes of carbohydrate metabolism in highfat diet and streptozotocin induced type 2 diabetic rats.	Sankaranarayanan C, Nishanthi R, Pugalendi P.	Biomed Pharmacother.	2018	0	4	Annamalai University
Allyl isothiocyanate, a potent chemopreventive agent targets AhR/Nrf2 signaling pathway in chemically induced mammary carcinogenesis	Rajakumar T, Pugalendhi P, Thilagavathi S, Ananthakrishnan D, Gunasekaran K.	Mol Cell Biochem.	2018	5	1	Annamalai University
Effect of allyl isothiocyanate on NF- κ B signaling in 7,12dimethylbenz(a)anthracene and N-methyl-N-nitrosourea induced mammary carcinogenesis	Rajakumar T, Pugalendhi P, Jayaganesh R, Ananthakrishnan D, Gunasekaran K.	Breast Cancer	2018	5	2	Annamalai University

3,3'-Diindolylmethane Encapsulated Chitosan Nanoparticles Accelerates Inflammatory Markers, ER/PR, Glycoprotein and Mast Cells Population During Chemical Carcinogen Induced Mammary Cancer in Rats.	Stainsloss Isabella, Sankaran Mirunalini, Kannaiyan Pandiyan	Indian Journal of Clinical Biochemistry	2018	13	1	Annamalai University
Chrysin: Sources, beneficial pharmacological activities, and molecular mechanism of action	Mani R, Natesan V.	Phytochemistry	2018	3	24	Annamalai University
Accumulation of Cholesterol and Homocysteine in the Nigrostriatal Pathway of Brain Contributes to the Dopaminergic Neurodegeneration in Mice.	Paul R, Dutta A, Phukan BC, Mazumder MK, Thenmozhi AJ, Manivassagam T, Bhattacharya P, Borah A.	Neuroscience	2018	22	2	Annamalai University
Telmisartan Ameliorates Astroglial and Dopaminergic Functions in a Mouse Model of Chronic Pa	Sekar S, Mani S, Rajamani B, Manivassagam T, Thenmozhi AJ, Bhat A, Ray B, Essa MM, Guillemin	Neurotoxic Res.	2018	16	2	Annamalai University

parkinsonism .	GJ, Chidambaram SB.					
Melatonin protects against behavioral deficits, dopamine loss and oxidative stress in homocysteine model of parkinsons disease	Paul R, Phukan BC, Justin Thenmozhi A, Manivasagam T, Bhattacharya P, Borah A.	Life Sci.	2018	22	13	Annamalai University
Agaricus blazei extract attenuates rotenoneinduced apoptosis through its mitochondrial protective and antioxidant properties in SHSY5Y neuroblastoma cells	Venkatesh Gobi V, Rajasankar S, Ramkumar M, Dhanalakshmi C, Manivasagam T, Justin Thenmozhi A, Essa MM, Chidambaram R.	Nutr Neurosci.	2018	22	5	Annamalai University
Naringenin decreases α -synuclein expression and neuroinflammation in MPTPinduced parkinsons disease model in mice.	Mani S, Sekar S, Barathidasan R, Manivasagam T, Justin Thenmozhi AJ, Sevanan M, Chidambaram SB, Essa MM, Guillemin GJ, Sakharkar MK.	Neurotox Res.	2018	22	10	Annamalai University
Isolongifolene attenuates rotenoneinduced mitochondrial dysfunction,	Balakrishnan R, Elangovan N, Mohankumar T, Nataraj J, Manivasagam T,	Front Biosci (Schol Ed).	2018	22	5	Annamalai University

oxidative stress and apoptosis	Justin Thenmozhi A, Mohamed Essa M, Akbar M, Abdul Sattar Khan M					
Asiatic acid nullified aluminium toxicity in invitro model of Alzheimers disease	Ahmad Rather M, Justin Thenmozhi A, Manivasagam T, Nataraj J, Musthafa Mohamed E, Chidambaram SB.	Front Biosci (Elite Ed).	2018	22	7	Annamalai University
Protective effects of p coumaric acid on ethanol induced male reproductive toxicity.	Nishi K, Ramakrishnan S, Gunasekaran VP, Parkash K, Ramakrishnan A, VijayKumar N, Ganeshan M.	Life Sci.	2018	5	4	Annamalai University
Paeonol exhibits antitumor effects by apoptotic and antiinflammatory activities in 7,12dimethylbenz(a)anthracene induced oral carcinogenesis.	Ramachandhiran D, Vinothkumar V, Babukumar S.	J Biotechnic and Histoc hemistry	2018	3	3	Annamalai University
Betanin exhibits significant potential as an anti hyperglycemic and at tenuating the glycoprotein components in strepto	Indumathi D, Sujithra K, Srinivasan S,	Toxicology Mechanisms and Methods	2018	4	4	Annamalai University

zotocin ni cotinamide induced experimental rats.						
Amelioration of Aluminum Maltolate Induced Inflammation and Endoplasmic Reticulum Stress Mediated Apoptosis by Tannoid Principles of Emblica officinalis in Neuronal Cellular Model.	Dhivya Bharathi M, JustinThenmozhi A, Manivasagam T, Ahmad Rather M, Saravana Babu C, Mohamed Essa M, Guillemin GJ.	Neurotox Res.	2019	22	4	Annamalai University
Attenuation of Aluminum Chloride Induced Neuroinflammation and Caspase Activation Through the AKT/GSK3 β Pathway by Hesperidin in Wistar Rats.	JustinThenmozhi A, Dhivya Bharathi M, Kiruthika R, Manivasagam T, Borah A, Essa MM.	Neurotox Res.	2018	22	5	Annamalai University
Chicory (Cichorium intybus) and wormwood (Artemisia absinthium) extracts exhibit strong larvicidal activity against mosquito vectors of malaria,	Ali S.I, Gopalakrishnan B and Venkatesalu V	Parasitology International	2018	17	2	Annamalai University

dengue fever, and filariasis						
Evaluation of larvicidal activity of Senecio laetus Edgew. against the malarial vector, Anopheles stephensi, dengue vector, Aedes aegypti and Bancroftian filariasis vector, Culex quinquefasciatus	Ali S.I, Gopalakrishnan B and Venkatesalu V	South African Journal of Botany	2018	17	3	Annamalai University
Design, synthesis and biological evaluation of 2(phenoxy methyl)5 phenyl, 3, 4oxadiazole derivatives as antibreast cancer agents.	Lakshmithe ndral K, Saravanan K, Elancheran R, Archana K, Manikandan N, Arjun HA, Ramanathan M, Lokanath NK, Kabilan S.	European journal of medicinal chemistry	2019	1	2	Annamalai University
Tailoring the molecular design of twisted dihydrobenzodioxinphenanthroimidazole derivatives for nondoped blue organic light emitting diodes	Jayabharathi J, Ramya R, Thanikachalam V, Nethaji P.	RSC advances	2018	3	2	Annamalai University

g devices						
Efficient fullcolour organic light emitting diodes based on donor-acceptor electroluminescent materials with a reduced singlet-triplet splitting energy gap	Jayabharathi J, Ramya R, Thanikachalam V, Jeeva P, Sarojpurani E	RSC advances	2018	22	4	Annamalai University
Synthesis and characterization of bimetallic nanocomposite and its photocatalytic, antifungal and antibacterial activity.	Senthilraj A, Krishnakumar B, Hariharan R, Sobral AJ, Surya C, John NA, Shanthi M.	Separation and Purification Technology	2018	7	3	Annamalai University
Structural variations in zinc (II) complexes with N,N-di(4-fluorobenzyl) dithiocarbamate and imines: New precursor for zinc sulfide nanoparticles	Selvaganapathi P, Thirumaran S, Ciattini S	Polyhedron	2018	2	5	Annamalai University
A Review of 3D Printing for Biomedical and Tissue Engineering	Devi MG, Amuthesan M, Govindhan R, Karthikayan B	Open Biotechnology	2018	12	1	Annamalai University

g Applications.						
Color Image Compression based on Feature Extraction	Ashpin Pabi D.J, Aruna P and Puviarasan N	Advances in Intelligent Systems and Computing	2018	3	6	Annamalai University
Audio encryption-a chaosbased data byte scrambling technique	Parvees M.Y.M, Samath J.A and Bose B.P	International Journal of Applied Systemic Studies	2018	4	3	Annamalai University
Confidential storage of medical images a chaosbased encryption approach	Mohamed Parvees M. Y, Abdul Samath J and Parameswaran Bose B	International Journal of Cloud Computing	2018	4	1	Annamalai University
Prediction of Agriculture growth and Level of Concentration in Paddy A Stochastic Data Mining Approach	Rajesh P and Karthikeyan M	Advances in Intelligent Systems and Computing	2019	1	3	Annamalai University
Data Assimilation of gross Domestic Product (GDP) in India using Stochastic Data Mining approach	Rajesh P and Karthikeyan M	Journal of Computational and theoretical Nanoscience	2019	1	1	Annamalai University
Radon isotope assessment of submarine groundwater discharge (SGD) in Coleroon River	Prakash R, Srinivasamoorthy K, Gopinath S Saravanan K, Vinnarasi F, Ponnunani G, Chidambaram S and	Journal of Radioanalytical and Nuclear Chemistry	2018	14	2	Annamalai University

Estuary, Tamil Nadu, India	Anandhan P					
Assessment of hydrogeochemical characteristics of groundwater in the lower Vellar river basin: using Geographical Information System (GIS) and Water Quality Index (WQI)	Gnanachandrasamy G, Dushiyanthan C, Jeyavel Rajakumar T and Yongzhang Zhou	Environment, Development and Sustainability	2018	1	1	Annamalai University
Ecological risk assessment of selected heavy metals in the surface sediments of three estuaries in the southeastern coast of India	S. Venkateshwaran, S. Y. Chung, T.Ramkumar, S.Selvam	Environmental Earth Sciences	2018	14	5	Annamalai University
An insight on the speciation and genetical imprint of bicarbonate ion in the groundwater along K/T boundary, South India	Devaraj N, Chidambaram S, Rakesh Roshan Gantayat, Thivya C, Thilagavathi R, Prasanna M. V, Banajarani Panda, Adithya V. S, Vasudevan U, Pradeep	Arabian Journal of Geosciences	2018	11	1	Annamalai University

	K Paramaguru P and Ganesh N					
Dissecting the role of miR21 in different types of stroke	Mani Panagal, Biruntha M, Vidhyavathi R.M, Sivagurunathan P, Senthilkumar S.R and Durairaj Sekar	Gene	2019	3	3	Annamalai University
Identification, expression, and methylation of miR7110 and its involvement in type 1 diabetes mellitus	Priyanka P, Mani Panagal, Pethanen Sivakumar, Vincent Gopinath, Ananthavalli R, Kart higeyan M, Sivagurunathan Paramasivam, Senthil Kumar S.R and Durairaj Sekar	Gene Reports	2018	3	2	Annamalai University
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal, Senthil Kumar S. R, Sivagurunathan P, Biruntha M, Karthigeyan M, Vincent Gopinathe, Pethanen Sivakumare and Durairaj Sekar	Cancer Gene Therapy	2018	3	4	Annamalai University
Effect of Na doping on structural, optical, and electrical	Sudha A. P, Henry J, Mohanraj K and Sivakumar G	Applied Physics A	2019	12	2	Annamalai University

properties of Cu ₂ Se thin films prepared by chemical bath deposition method						
Effect of annealing temperature on thermally evaporated Cu ₃ SbS ₃ thin films	Daniel T, Mohanraj K and Sivakumar G	Journal of Materials Science: Materials in Electronics	2019	12	1	Annamalai University
Photoelectrochemical cell performances of Cu ₂ ZnSnSe ₄ thin films deposited on various conductive substrates	Henry J, Mohanraj K and Sivakumar G	Vacuum	2019	12	3	Annamalai University
Vacuum evaporated FTO/(Cu, Ag) ₂ ZnSnSe ₄ thin films and its electrochemical analysis	Henry J, Mohanraj K and Sivakumar G	Vacuum	2019	12	1	Annamalai University
Fabrication of mesoporous iron (Fe) doped copper sulfide (CuS) nano composite in the presence of a cationic surfactant via mild hydrothermal method for supercapacitors	William Brown J, Ramesh P.S and Geetha D	Mater. Res. Express	2018	13	5	Annamalai University
Electroche	Surekha	J Mater	2018	13	4	Annamalai

mical studies on Ni doped CuS nanostructures with cationic surfactant synthesized through a hydrothermal route	Podili, Geetha D and Ramesh P.S	Sci: Mater Electron				University
Synthesis and enhanced photocatalytic property of Ni doped ZnS nanoparticles	Jothibasa M, Manoharan C, Johnson Jeyakumar S, Praveen P, Kartharinal Punitavathy I and Prince Richard J	Solar Energy	2018	17	30	Annamalai University
Tuning the properties of ZnO thin film on ITO substrates with Ga dopant for dye sensitized solar cell applications	Dhamodharan P, Manoharan C and Bououdina M	Journal of Materials Science: Materials in Electronics	2018	17	2	Annamalai University
Fabrication of highly effective mosquito nolarvicides using an Asian plant of ethnopharmacological interest, Priyangu (Aglaia elaeagnoides): toxicity on nontarget mosquito natural	Benelli G, Govindarajan M, Senthilmurugan S, Vijayan P, Kadaikunnan S, Alharbi NS, Khaled JM	Environ Sci Pollut Res Int.,	2018	7	7	Annamalai University

enemies.						
Effect of Berberine chloride on the liver of Streptozotocin induced diabetes in albino Wistar rats	G Chandirasegaran, C. Elanchezhiyan, Kavisa Ghosh	Biomed Pharmacother.	2018	3	4	Annamalai University
Vericomposting of Paper Industry Sludge With Cowdung and Green Manure Plants Using Eisenia Ferida a Viable Option for Cleaner and Enriched Vermicompost Production	Natchimuthu Karmegam, Periasamy Vijayan, Mani Prakash and Arockia John Paul J	Journal of Cleaner Production	2019	7	3	Annamalai University
Evaluation of antidiabetic activity of biologically synthesized silver nanoparticles using Pouteria sapota in streptozotocin induced diabetic rats	Prabhu S, Vinodhini S, Elanchezhiyan C and Rajeswari D	Journal of Diabetes	2018	5	14	Annamalai University
Larvicidal and ovicidal activity of Syzygium	JEBANESAN A and KANTHAMMAL S	PESTOLOGY	2018	21	1	Annamalai University

cumini seed extract against Anopheles stephensi and Aedesa egypti						
Orchids assources of novel n anoparticl es Efficacy of Bacillus sphaericus and Zeuxine gr acilisfabr icated silver nan opartcles against de ngue,malar ia and filariasis mosquito vectors.	Kovendan K, Chandra mohan B, G ovindaraja n M and Jebanesan A	Journal Of Cluster Science	2018	23	2	Annamalai University
Larvicidal activity of the essential oil from Amomum subulatum Roxb. (Zin giberaceae) against Anopheles subpictus, Aedes albopictus and Culex tritaenior hynchus (Diptera: Culicidae) , and nontarget impact on four mosquito natural enemies.	Govindaraj an M, Rajeswary M, Senthil murugan S, Vijayan P, Alharbi N.S, Shine K, Khaled J.M and Benelli G	Physiologi cal and Molecular Plant Pathology	2018	7	4	Annamalai University
Identifica tion of a	Dhanasekar R and	Biocatalys is and Agr	2018	6	2	Annamalai University

novel hydrogen producing bacteria from sugarcane bagasse waste.	Jonesh S.	icultural Biotechnology				
Automatic classification of cast iron grades using support vector machine	Gajalakshmi, K, Palanivel S, Nalini, N.J and Saravanas	Optik	2018	2	2	Annamalai University
Detection and Classification of Retinal Diseases in Spectral Domain Optical Coherence Tomography Images based on SURF descriptors	Sigappi AN	IEEE International Conference on System, Computation, Automation and Networking, ICSCA 2018	2018	1	1	Annamalai University
New series parallel switched multilevel inverter for a three phase induction motor	GeethaR and RamaswamyM	Journal of Vibration and Control	2018	5	1	Annamalai University
Optimal economic driven planning of multiple DG and capacitor in distribution network considering different compensati	ArulrajR and Kumarappan N	Journal of Engineering Science and Technology	2019	5	3	Annamalai University

on coefficients in feeder's failure rate evaluation						
Reliability/risk centered cost effective preventive maintenance planning of generating units	Umamaheswari E, Ganesan S, Abirami M and Subramanians S	International Journal of Quality Reliability Management	2018	2	1	Annamalai University
Generation and transmission expansion management using grasshopper optimization algorithm	Ponnambalam Suriya, Srikrishna Subramanian, Sivaranjan Ganesan and Manoharan Abirami	International Journal of Engineering Business Management	2018	16	1	Annamalai University
Optimal Allocation of TCSC Devices for the Enhancement of ATC in Deregulated Power System using Flower Pollination Algorithm	Venkatraman K. T, Paramasivam B and Chidambaram I. A	Journal of Engineering Science and Technology	2018	8	1	Annamalai University
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	653	1110	265	192
Presented papers	679	1118	206	127
Resource persons	78	253	84	54
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Center for Skill Development	EIA Studies Aquatic Ecological Survey for Environmental Impact Assessment in Coastal Water	SIPCOT Industries Common Utilities Ltd., Cuddalore	330000
Center for Skill Development	Environmental Impact Assessment study for near Kattupalli coastal region, Tamil Nadu	L and TRAMBØLL Consulting Engineers Limited	1050000
Center for Skill Development	Continues Marine Monitoring of environmental parameter in and around the MIDPLKPL at Kattupalli, Chennai coastal water	Adani Kattupalli Port Pvt. Ltd.	1298000
Civil Engineering	Testing of air springs	SI Air Springs, Madurai	3861000
Civil Engineering	Geopolymer Road At NTPC Sites	NTPC LTD, Rihand, Farakka, Ramakundam And Noida, New Delhi	1801800
Civil Engineering	Coastal Studies and Modelling	Aqua Engineering, Bombay	1500000
Civil Engineering	Extension of Jetty Kanyakumari	Government of Tamil Nadu	950000
Civil Engineering	Nagercoil Shore line Structures	PWD / WRO, Tamil Nadu	2450000
Civil Engineering	Tawi River Flood Control Management Plan - World Bank Project	Aquologus Oil tech.	2400000
Civil Engineering	ToR clearance for Pondicherry port	IITM, Chennai	200000
Civil Engineering	EC for Polymer Park, PIPL	SIPCOT, Chennai	350000
Manufacturing Engineering	Nano Materials Technology	VB Ceramic Consultants, Chennai	834000
Manufacturing Engineering	Evaluating mechanical properties and metallurgical characteristics of welded ARMAPRO 500 steel joints	Essar Steels Indian Limited	750000
Manufacturing	Indigenous	R.V. Machine Tools,	1100000

Engineering	development of lanthanated tungstenbased alloy tools for friction stir welding of steels	Coimbatore	
Manufacturing Engineering	Magnetic pulse welding and forming technology	Magpulse Technologies Pvt. Ltd. Bengaluru	900000
Center for Skill Development	Study of Bio Accumulation on plant and brackish water in Buckingham Canal near proposed ETPs Replacement TPP(1X660MW)	TANGEDCO	944000
Center for Skill Development	Water quality Biological Characteristics and Sediment Quality Analysis -CRZ Clearance Ecological impact of EnnoreCreek Mouth Opening (PhaseI)	Water Resource Department, PWD, Chennai	869832
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
CAS in Marine Biology	Seaweed Extract Fertilizer	DST NRDC	38959	8
View File				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
International Yoga Day Celebration	Centre for Yoga Studies	1	204
District Level Youth Parliament	Ministry of Youth Affairs and Sports, GOI	8	52
Mega Blood Donation Camp, RMMCH	Faculty of Engineering Tech	1	35
State Youth Parliament	Ministry of Youth Affairs and Sports, GOI	1	3

Road Safety Awareness Exhibition, Cuddalore	District Administrative and Police Department	1	7
Human Rights Awareness Competitions, Cuddalore	District Administrative and Police Department	1	4
National Level Youth Parliament (NYP), New Delhi	Ministry of Youth Affairs and Sports, GOI	1	1
Campus Cleaning Programme, Urban Primary Health Centre, Chidambaram	Dept. of English, Unit No. 40	2	200
Mass Cleaning Programme, G.V. Special School, Chidambaram	Dept. of Commerce, Units No. 08 27	2	100
Road Safety Awareness Rally	All NSS Units	5	300
Assisting by NSS Volunteers in the Food Safety Awareness Programme, Chidambaram	Division of Computer Science, Unit No. 24	1	10
AntiTobacco Awareness Rally	Faculty of Dentistry, Unit: 25	1	100
Human Chain Programme	Faculty of Medicine, Unit No. 35	3	150
Awareness Rally and Mass Cleaning Programme, Sivapuri Village, Chidambaram	Dept. of English, Unit No. 20	1	250
Swacch Bharat Mass Cleaning Programme, University Campus	All NSS Units	40	8540
Swacch Bharat Awareness Programme s, Jayangondapattina m, Kumaratchi Panchyat Union	Faculty of Medicine, Unit No. 35	1	103
One Day Workshop on Personal and Menstrual Hygiene for Girls	Dept. of English, Unit No. 20	1	256
Mahatma Gandhi's 150th Birth	All NSS Units	3	150

Anniversary Celebration :Competitions			
Mahatma Gandhi's 150th Birth Anniversary Celebration : One Day Seminar on Principles of Gandhiji	Dept. of Electronics and Communication Engineering Unit No. 22	1	304
Mass Cleaning and Tree Plantation Programme, Sri Nataraja Temple, Chidambaram	Dept. of Economics, Unit No. 01	1	50
Mass Cleaning and Tree Plantation Programme, Govt. School campus, Kumaratchi, Kattumannarkoil	Dept. of ECE, Unit No. 22	1	53
One Day Medical Camp, Veerankovil Thittu	Dept. of ECE, Unit No. 22	1	51
International Coastal Cleanup Day Programme ,coastal areas of Cuddalore Silver Beach	All Units	7	302
Awareness Workshop on Hand Hygiene, Govt. Middle School, Chidambaram	Division of Nursing, Unit No. 32	1	351
NSS Day Celebration, FEAT	All NSS Units	40	307
150th Birth Anniversary of Mahatma Gandhiji, Faculty of Science	Division of Computer Science, Unit No. 24	1	154
Workshop on Mental Health for NSS Volunteers	Dept. of Psychology, Unit No. 36	1	255
Observance of Vigilance Awareness Week Sensitization Programme for Staff and Student Volunteers	Dept. of Sociology, Unit No. 13	3	352
State Republic Day Parade Camp, Chennai	Tamil Nadu State NSS, Chennai	1	6
Voting Awareness Completions	All NSS Units	5	153

Road Safety Awareness Competitions, Chennai	All NSS Units	4	25
Seminar on "No Voter to be Left Behind, Faculty of Engineering	All NSS Units	3	303
International Women's Day Celebration,	Dept. of English, Music Microbiology, NSS Units 40, 26 38	3	206
Special Camping Programmes conducted in the adopted Villages	NSS Units: 1,04,06, 09.21,22,26,28, 29,32,34,35,38 40	14	703
Osteoporosis Detection	Department of Orthopaedics	10	36
Mega Blood Donation Camp, FEAT	All RRC Units	12	103
One day Peer Education Training Programme for programme officers and volunteers	All RRC Units	25	155
Red Ribbon Club Competitions, Faculty of Medicine	All RRC Units	1	256
HIV Awareness Camp Exhibition, Faculty of Medicine	All RRC Units	1	253
Experts presentation on HIV, RMMC	All RRC Units	1	105
Workshop on First Aid Training Programme	Red Ribbon Club Youth Red Cross	3	202
Blood Donation Camp on Republic Day	Department of Chemistry	2	83
To Assist the Authorities for the smooth conduct of TNPSC Group IV Examination	Youth Red Cross	1	35
CCRT Training Programme on 13.02.2018	Government of Tamil Nadu Youth Red Cross	1	22
Mass Cleaning Programme	Youth Red Cross	1	256
Mass Cleaning Programme at Vadaloresathiya	Department of Tamil	2	37

Gnana Sabhai			
International Womens Day	Rani Meyyammai College of Nursing, Department of Physical Education and Sports Science, Youth Red Cross	6	184
Blood Donation Camp	Faculty of Agriculture, Youth Red Cross	2	61
Helmet Awareness Rally	Tamil Nadu Police Youth Red Cross	3	105
Human Chain Programme on Plastic Eradication Prevention of Child Trafficking	Raja Muthiaha Medical College and Hospital, Youth Red Cross, National Service Scheme	1	353
ORS Day Celebrations	Indian Academy of Pediatrics	12	46
World Breast feeding week	Indian Academy of Pediatrics	12	40
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Rendering Humanitarian service to the people of kerala suffering due to floods and Natural calamities	Certificate of Appreciation	Human Care Human Rights Protection	97
Organizing Technical activity and workshop	IE(I) Best Division Award	IE(I)	58
Assisting with Police Department in Lok Sabha Election 2019	Appreciation Certificate	Superintendent of Police, Cuddalore, Govt. of Tamil Nadu	66
Road Safety Awareness Competition	Appreciation Certificate	Superintendent of Police, Cuddalore, Govt. of Tamil Nadu	19
Voluntary Blood Donation	Appreciation Certificate	District Collector, Cuddalore, Govt. of Tamil Nadu	56
Assisting the students below poverty line for their education	Best Social Activist International Award	Human Care Human Rights Protection	48

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Mission	Annamalai University	Mass Cleaning	2	82
World Heritage Day	Department of History	Temple Preservation Awareness	5	25
Swachh Bharat Mission	NSS, Annamalai University	Cleaning the Campus	6	470
Swachh Bharat Mission	NSS, Annamalai University	Mass cleaning	5	325
Swachh Bharat Mission	NSS, Annamalai University	Cleaning the Village	6	420
Social Development	NSS, Annamalai University	Competitions for Students	1	22
Swachh Bharat Mission	NSS, Annamalai University	Cleaning	2	78
Swachh Bharat Mission	NSS, Annamalai University	Pledge for Cleaning	1	20
Plastic Awareness	YRC, Annamalai University	Clean my City	3	50
World Health Day	RRC, Annamalai University	Orientation programme for AIDS awareness	1	15
Swachh Bharat Mission Aids Awareness	NSS, Annamalai University	Cleaning and Awareness	3	252
Community Development	NSS Units 17 and 18, Annamalai University	Breast feeding	10	35
Swachh Bharat Mission	NSS Unit 18 Annamalai University	Mass cleaning	15	910
Swachh Bharat Mission	NSS Unit 17 Annamalai University	Swachh Bharath, Jayankondapattinam	1	90
Swachh Bharat Mission	NSS, Unit 26 Annamalai University	Campus Cleaning Programme	10	850
Student Outreach Programme	Sociology Association Annamalai University	Rural Awareness Camp on Health and Sanitation Killai Village	1	12
Student	Sociology	T.B. Awareness	1	10

Outreach Programme	Association Annamalai University	Camp		
Swachh Bharat Mission	NSS Unit Faculty of Dentistry and Indian Dental Association South Arcot Branch	Cleaning of surroundings in and around Rajah Muthiah College of Dental Sciences and Hospital	3	70
Community Development	Dental Faculty and Indian Dental Association South Arcot Branch	Oral Hygiene Day	1	10
Dental Care and Distribution of Relief materials for people affected by GAJA Cyclone	Government of Tamil Nadu in Vedaranyam District	GAJA Cyclone Relief camp	3	15
Community Development	RMMCH Annamalai University	Aids Awareness	2	50
Community Development	RMMCH Annamalai University	Gender Issues Awareness	2	45
Swachh Bharath	RMMCH Annamalai University	Cleaning the hostel premises	2	50
Swachh Bharat Mission	Annamalai University	Cleaning	10	862
International Yoga Day	Annamalai University	Yoga Training	2	231
Community Development	Annamalai University	Aids Awareness	3	86
Swachh Bharat Mission	Annamalai University	Mass Cleaning	6	342
Swachh Bharat Mission	Annamalai University	Cleaning and Hygiene Awareness	4	315
World Environment Day	Annamalai University	Tree Plantation	8	722
AntiTobacco Day	Annamalai University	No smoking Day	10	218
Swachh Bharat Mission	Annamalai University	Cleaning Campus	2	48
Swachh Bharat Mission	Annamalai University	Swachh Bharat	25	1543
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Joint research activities, Exchange of academic material, Student and staff exchange	Dr. S. Ravichandran	National University of Singapore, Singapore Lee Kong Chian Natural History Museum	1095
Exchange staff and student, Exchange of academic materials and other information	Dr. P. Anantharaman, Dr. S.T.Somasundaram	Cifal Herbal (P) Ltd. Gudur, Andhra Pradesh	1095
Collaboration in academic and research activities, Mutual interested training programs for developing trained man power	Dr. T. Ramanathan	Mizoram University, India	1095
Students, academic and administrative staff exchange, Joint research activities, Exchange of academic materials	Dr. M. Arumugam	LeibizUniversitat Hannover, Germany, Faculty of Natural Sciences	1095
Technology transfer, Students and academic and administrative staff exchanges	Dr. P. Anantharaman	T.Stanes and Company Ltd, Reseaerch and Development Centre, Coimbatore, India	1095

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Onthejob Training	IndustryInst itution	Wadia Institute	01/05/2019	30/06/2019	9
Onthejob Training	IndustryInst itution	NLC India Ltd.	01/05/2019	30/06/2019	37
Onthejob Training	IndustryInst itution	Tamil Nadu Water and Drainage Board	01/05/2019	30/06/2019	25
Onthejob Training	IndustryInst itution	Remote sensing	01/05/2019	30/06/2019	36

		agency, Kerala			
Super Speciality Postings	Peripheral Postings	Adyar Cancer Institute, Chennai.	01/07/2018	10/08/2018	1
Super Speciality Postings	Peripheral Postings	Madras Medical Mission Institute Of Reproductive Medicine, Chennai	01/07/2018	10/08/2018	1
Super Speciality Postings	Peripheral Postings	Institute of Child Health, Egmore, Chennai	01/07/2018	10/08/2018	1
Peripheral postings for PGs	0	Omandurar Govt. Medical College, Chennai	01/10/2018	20/01/2019	1
Peripheral postings for PGs	0	Omandurar Govt. Medical College, Chennai	04/01/2019	30/04/2019	1
Conducting e MBAProgramme at Neyveli with Faculty Service support, Classroom, Computer Lab, etc.	Executive MBA PartTime with NLC India Limited From 2017	Neyveli Lignite Corporation	15/08/2019	15/08/2019	40
Psychologica l Testing	Counseling	Sri Ragavendra Special School for the Challenged Children	07/09/2018	07/09/2018	25
Onthejob Training	Internship	LemenizInfot ech,Pondiche rry	12/06/2019	27/06/2019	32
Onthejob Training	Internship	VI Microsyst ems,Chennai	10/06/2019	25/06/2019	140
Onthejob Training	Internship	Oneyes Techn ologies,Chen nai	10/06/2019	23/06/2019	100
Onthejob Training	Internship	BSNL, Chennai	26/02/2019	26/06/2019	50

Onthejob Training	Internship	Axis Global Automation Ltd	04/06/2019	20/06/2019	60
Onthejob Training	Internship	NLC India Ltd	01/07/2019	06/07/2019	41
Onthejob Training	Internship	IIT, Chennai	01/06/2019	30/06/2019	20
Onthejob Training	Internship	Fronius India	01/06/2018	31/05/2019	34
Onthejob Training	Internship	Sundram Fasteners Ltd.	17/06/2019	29/06/2019	40
Onthejob Training	Internship	RV Machine Tools	17/06/2019	22/06/2019	60
Onthejob Training	Internship	Harihar Alloys (P) Ltd	17/06/2019	26/06/2019	18
Onthejob Training	Internship	Dynepro Private Ltd	17/06/2019	29/06/2019	22
Onthejob Training	Internship	Mit Cast Alloys	17/06/2019	29/06/2019	65
Onthejob Training	Internship	Indfurr Superhear Furnaces	19/06/2019	28/06/2019	50
Onthejob Training	Internship	Gestamp Automotive Chennai (P) Ltd.	11/06/2018	23/06/2018	52
Onthejob Training	Internship	D H Secheron Electrodes (P) Ltd.	31/05/2018	01/09/2018	71
Onthejob Training	Internship	Nobel Automotive India (P) Ltd.	18/06/2019	05/07/2019	19
Onthejob Training	Internship	Mailam India Ltd.	01/07/2019	31/07/2019	15
Onthejob Training	Internship	NLC India Ltd.	17/06/2019	12/07/2019	40
Hands on training	Summer Internship	AMITY Institute of Marine Sciences and Technology, Noida, UP	01/06/2019	30/06/2019	34
Onthejob Training	IndustryInst itution	Tamil Nadu Minerals	01/05/2019	30/06/2019	10
Onthejob Training	IndustryInst itution	ONGC	01/05/2019	30/06/2019	7
Onthejob	IndustryInst	Geological	01/05/2019	30/06/2019	8

Training	stitution	Survey of India			
Onthejob Training	IndustryInst itution	Orissa Mining Corporation	01/05/2019	30/06/2019	16
Onthejob Training	IndustryInst itution	National Institute of Oceanography	01/05/2019	30/06/2019	24
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
WINSOFTS	04/02/2019	TALLY ERP9 Modular	18
Ministry of Human Resources Development Indian Institute of Technology, New Delhi	04/07/2018	Survey of Selected villages, Preparation of Village Development Plan	64
VB Ceramic Consultants, Chennai	11/10/2018	To award research fellowship to a full time research scholar to pursue Ph.D. degree	3
Magpulse Technologies Private Limited, Peenya Industrial Estate, Bengaluru	15/06/2019	To award research fellowship titled 'Magpulse Research Fellowship (MPRF)' to a full time scholar to pursue Ph.D	1
International forum for Information Technology in Tamil (INFITT)	07/11/2018	Academic Research	2
National University of Singapore, Singapore Lee Kong Chian Natural History Museum	12/04/2018	Joint research activities, Exchange of academic material, Student and staff exchange	1
Cifal Herbal (P) Ltd. Gudur, Andhra Pradesh	18/06/2018	Exchange staff and student, Exchange of academic materials and other information	5
Mizoram University, India	27/04/2018	Collaboration in academic and research activities, Mutual	1

interested training programs for developing trained man power

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
608.3	264

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Nirmals	Fully	3.1.5	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12291	9451139	1778	2751728	14069	12202867
Reference Books	360	162000	128	57600	488	219600
e-Books	1010	0	187	899272	1197	899272
Journals	164	447991	276	193736	440	641727
e-Journals	7045	0	83829	4438761	90874	4438761
Digital Database	4	0	0	0	4	0
CD & Video	87	0	47	0	134	0

Library Automation	1	0	0	0	1	0
Weeding (hard & soft)	972	112578	129	22043	1101	134621
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	2162	36	1550	7	0	278	105	1	0
Added	201	0	180	0	0	70	0	0	0
Total	2363	36	1730	7	0	348	105	1	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
287753000	284394464	813550000	702367896

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Infrastructure Maintenance: The University Works Division under Director, Estate Development maintains all civil, electrical, water supply, public health and vehicle maintenance. Manufacturing Engineering workshop takes care of maintenance and refurbishment of furniture. Upkeep of 18 Hostels is governed by the Warden's Council. The University Auto Garage is taking care of maintenance of vehicles. Twenty gardens in the campus are maintained by 75 gardeners supervised by horticulturists. Auditoriums and seminar halls are utilized after

getting permission from the Registrar. Library: Sir C.P. Ramaswami Aiyar Library takes care of core library activities viz. Book and journal Acquisition, Registration of new members, Nil Arrear Issue, renewal of membership card records and file statistics. Most of these functions are automated with barcode system. OnLine Public Access Catalogue is functioning. Annual and life subscription of e-resources are available. Libraries at Faculty and Department levels offer access to specific subject books, and are maintained by librarians. The Libraries are open on all days except public holidays from 8.00 A.M. to 8.00 P.M. Membership Number of Books Loan period in days Faculty 20 90 PG students 4 15 M.Phil 10 30 Ph.D 10 45 Laboratories: Instrumentation facilities are maintained through AMCs. For unforeseen repairs, university has allocated budgetary provisions for the departments. Equipment found beyond repair is condemned after the approval of technical committee and the Syndicate. Fire safety is implemented in the labs. Students use downloadable requisition forms for utilizing analytical services in Centralized Instrumentation Service Laboratory. Automatic weather station of IMD connected with INSAT 3B is maintained by the university. Orchard, experimental farm and Animal Husbandry unit are maintained by farm managers, gardeners and farm workers. Computers and website maintenance: Informatics center carry out multipronged operations through four strategic units viz., Web Design, Computer Network, Biometric and Computer Service. It has a hardware laboratory with technical experts to maintain hardware. AMC facilitates maintenance of electronic gadgets. The Campus Network Centre ensures seamless connectivity through wired and wireless network and networking of the CCTV Surveillance cameras to render a secured campus. Animal House and Museums: The Central Animal House comes under the purview of Institutional Animal Ethics Committee formed by CPCSEA, Govt. of India, for approval and supervision of experiments on laboratory animals. Research scholars carrying out animal experiments submit their proposal and maintenance record in downloadable Form B and D to IAEC. Museums in Agriculture, Entomology (housing more than 50000 rare insect specimens), Earth sciences and Marine biology are open to the public free of cost. Sports Complex: Central sports complex equipped with indoor stadium, HiTech Gymnasium and Athletic track are accessible to students, staff and public. For facilities like indoor stadium and tennis courts with flood light provision, the access is offered on payment basis for public. University Guest House: Rooms available in the University guest house rented on payment basis after getting permission from the Registrar. Cooperative stores governed by elected office bearers cater to the day-to-day needs of the staff and students.

http://www.annamalaiuniversity.ac.in/download/IQAC/Link_for_C4_4.4.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	University Research Scholarship and Music Stipend	226	1906442
Financial Support from Other Sources			
a) National	SC/ ST / SCC Post Metric Scholarship, BC / MBC / DNC Scholarship, Vallalarand	11577	274904001

	Ramasamy Endowment, UGC BSR Fellowship, UGC RGNF Fellowship, ICMR Fellowship, CSIR Fellowship, ICSSR Fellowship, DST Fellowship, ICHR, Other State and Puducherr		
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Classes (8 Batches)	07/01/2019	586	Rani Meyyammai College of Nursing
Remedial Classes	09/09/2018	42	Department of Sociology and Social Work
Remedial Classes	14/03/2018	9	Department of Physics, Annamalai University
Remedial classes	10/03/2019	34	Dept. of Agronomy
Empowerment through Yoga for Women N.G.O'S	17/07/2018	150	Center For Yoga Studies, Annamalai University
Senior Citizen Day	13/08/2018	100	Center For Yoga Studies, Annamalai University
Yoga as Holistic Approach for Adolescent Issue	15/08/2018	200	Center For Yoga Studies, Annamalai University
Kakka Kaka Idhayam Kakka	29/08/2018	450	Center For Yoga Studies, Annamalai University
Counseling Skills and Strategies for Nurturing Young Minds	24/12/2018	250	Center For Yoga Studies, Annamalai University
Pathanjali Yoga Suthra Hatha Yoga Text	25/05/2019	300	Center For Yoga Studies, Annamalai University
Stress Free Living for NonTeaching Staff	07/06/2019	1000	Center For Yoga Studies, Annamalai University
Values and Spirituality for Overcoming Challenges for	08/06/2019	500	Center For Yoga Studies, Annamalai University

University and College Educators			
International Day of Yoga	21/06/2019	1000	Center For Yoga Studies, Annamalai University
Yoga, Meditation Personal Counseling	27/03/2018	20	Department of Psychology
Soft Skill Development	11/03/2019	135	Soft Skill Development
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Department level coaching	15	0	1	1
2018	ICAR/ARS/NET coaching	80	40	9	27
2018	Redefining Attitude	0	182	0	57
2018	Personality Reengineering	0	187	0	57
2018	Online Job Search	0	183	0	57
2019	Career Counseling	0	163	0	131
2018	Competitive Coaching Class	32	23	1	0
2018	Career Development Training	0	91	2	0
2018	GATE Exam Coaching	64	0	1	1
2018	Campus Placement and Training	25	30	2	12
2019	TNPSC Exam and UPSC Exam	20	10	3	3
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Swarna Charitable Trust CREED – Centre for Rural and Economic Development Kovai Medical Centre and Hospital Ltd., Jothi Tourism and Travel Institute Steel City Securities Pvt Ltd., Blossom Associates IDBI Federal Life Insurance etc.	2145	1391		0	0
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	M.Sc Hort. Floriculture and landscape Architecture	Horticulture	Annamalai University	Ph. D.
2018	1	M.Sc. Hort. Vegetable Science	Horticulture	Annamalai University	Ph. D.
2018	6	M.Sc. (Ag.)	Soil Science and Agricultural Chemistry	Tamil Nadu Agricultural University, Punjab Agricultural	Ph. D.

				University, Annamalai University	
2018	2	M.B.A.	Business Adm inistration	Annamalai University	Ph.D.
2018	1	M. Phil.	Business Adm inistration	Annamalai University	Ph.D.
2018	2	M.A.	Rural Development	Annamalai University	M.Phil.
2018	2	M.A.	Economics	Annamalai University	Ph.D.
2018	1	M.A. History	History	Annamalai University	M.Phil
2018	1	M.A. History	History	Annamalai University	Ph.D.
2018	2	M.Phil. History	History	Annamalai University	Ph.D.
2018	7	M.Phil.	Library and Info.Science	Annamalai University	Ph.D.
2018	1	M.A. Philosophy, Culture & Tourism	Department of Philosophy	Annamalai University	Ph.D.
2018	8	M.A. Political Science	Political Science and Public Admin istration	Annamalai University	Ph.D.
2018	10	B.D.S.	Dental	AIIMS Delhi, SRM Chennai, Ramachandra Chennai, etc.	M.D.S.
2018	48	B.Ed.,	Education	Tamil Nadu Teachers Education University, Thiruvalluav ar University, Bharathidasa n University, Annamalai University	P.G. Programmes in different disciplines
2018	3	M.Sc. Clinical Psychology	Psychology	Annamalai University	M.Phil.
2018	1	M.Sc. Clinical Psychology	Psychology	NIMHANS	M.Phil.
2018	2	B.E.Chemical	Chemical	Kongu	M.E.

		Engineering	Engineering	Engineering College	
2018	1	B.E.(Civil and Structural Engineering)	Civil and Structural Engineering	Annamalai University	M.E.
2018	1	B.Sc. (Ag.)	Faculty of Agriculture	Jawaharlal Nehru Krishi ViswaVidyala ya, Jabalpur, MP	M.Sc. (Ag.)
2018	3	M.Sc. (Ag.) Genetics and Plant Breeding	Genetics and Plant Breeding	Annamalai University	Ph.D. (Ag.)
2018	5	M.Sc. (Ag.) Extension	Extension	Tamil Nadu Agricultural University	Ph.D. (Ag.)
2018	43	B.Sc. (Ag.)	Agriculture	Annamalai University	M.Sc. (Ag),
2018	1	M.Sc. (Ag.) Agronomy	Agronomy	Tamil Nadu Agricultural University	Ph.D.
2018	1	B.Sc. (Ag.)	Faculty of Agriculture	Sher - E - Kashmir University of Agricultural Sciences and Technology, Srinagar (J&K)	M.Sc. (Ag.)
2018	1	B.Sc. (Ag.)	Faculty of Agriculture	MahathmaPhuleKrishiVidya peeth, Rahuri, Maharastra	M.Sc. (Ag.)
2018	1	BSc. (Ag.)	Faculty of Agriculture	Assam Agricultural University, Jorhat, Assam	M.Sc. (Ag.)
2018	4	M.Sc. (Ag.) Entomology	Entomology	Tamil Nadu Agricultural University	Ph.D.
2018	1	M.Sc. Ag. (Agricultural Biotechnology)	M.Sc. Ag. (Agricultural Biotechnology)	Tamil Nadu Agricultural University	Ph.D.
2018	4	M.E. (Structural Engineering)	Civil and Structural Engineering	Annamalai University	Ph.D.

2018	1	B.E.	Computer Science and Engineering	Annamalai University	M.E.
2018	10	M.E.	Computer Science and Engineering	Annamalai University	Ph.D.
2018	2	B.E.	Department of Information Technology	Annamalai University	M.E. and M.B.A.
2018	3	B.E.	Electronics & Communication Engg.	Annamalai University	M.E.
2018	10	B.E.	Mechanical Engineering	Annamalai University	M.E.
2018	6	B.Pharm.	Pharmacy	Annamalai University	M. Pharm.
2018	8	D.Pharm.	Pharmacy	Annamalai University	B.Pharm.
2019	20	M.F.A.	Music and Dance	Annamalai University	M.Phil. Ph.D.
2018	2	M.E.	Mechanical Engineering	Annamalai University	Ph.D
2018	1	M.B.B.S.	General Medicine	C.M.C. Vellore	D.M. Cardiology
2018	1	M D Pediatrics	Pediatrics	Chettinad Hospital and Research Institute, Chennai	D.M. (Cardiology)
2018	1	M.D. Pediatric	Pediatrics	Amritha Institute of Medical Sciences	Fellowship Neonatology
2018	2	M.D Pediatrics	Pediatrics	Madras Medical College, Chennai	D.M. (Cardiology)
2018	2	M.S.General Surgery	General Surgery	Bangalore Institute of Oncology, K.M.C.H., Coimbatore	D.N.B. (Oncology) M.Ch. (Urology)
2018	3	M.Sc. Biochemistry and M.Sc. Biotechnology	Biochemistry and Biotechnology	Annamalai University	Ph.D.
2018	4	M.Sc. Botany	Botany	Annamalai University	M.Phil. Ph.D.
2018	9	M.Sc.,	Chemistry	Annamalai University	Ph.D.

2018	1	Ph.D.	Chemistry	China	Post Doctoral Fellowship
2018	3	M.Sc. Mathematics	Mathematics	Annamalai University	M.Phil
2018	6	M.Sc. Mathematics	Mathematics	Annamalai University	Ph.D.
2018	10	M.Sc.	Statistics	Annamalai University	Ph.D.
2018	18	M.Sc. Zoology	Zoology	Annamalai University	Ph.D.
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	14
SET	7
SLET	1
GATE	4
Civil Services	1
Any Other	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annamalai University Logo Competition	University	64
Creative Corner Contest	Department	216
AUDBA Tuners	Inter Collegiate	522
Let the Religious Conflict Perish and Humanity Flourish :Drama (Independence Day)	Institution	8
National Integration :Villupattu (Republic Day)	Institution	6
Sports Competition	Department	60
Pongal Festival	University	200
Sporag Sports meet	State	150
Dentifest	University	100
Athletic	University	100
Athletic	Department	120
Tech Sports	Department	200
Literary	Department	150

NetSportz - 2019	Department	170
100 mts Boys	Department	20
100 mts Girls	Department	12
200 mts Boys	Department	15
200 mts Girls	Department	13
Shotput Boys	Department	16
Shotput Girls	Department	10
Long Jump Boys	Department	10
Long Jump Girls	Department	8
Javelin Throw Boys	Department	10
Javelin Throw Girls	Department	6
Shuttle Boys	Department	12
Shuttle Girls	Department	10
Kabbadi	Department	16
Kho Kho	Department	18
Cricket	Department	22
Intra department Annual Sports Meet	Intra Department	80
Intra department Annual Cultural Meet	Intra Department	42
Mechsports 2019	Institution	200
Cultural and sports meet of RMMC	Institution	100
Intercollegiate sports meet	State	20
Chemsports	University	250
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Champion	International	1	0	I1703110004	S.Sowmiya
2019	Champion	National	1	0	1903110023	N.B. Sandhiya
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council activities: The University has a great tradition of nurturing leadership qualities among students. Many of our alumni are occupying distinguished positions in many walks of life. The university continues to nurture such qualities through their participation in various events in

organizational capacities. Each department of the University has student committees for organizing literary, cultural and sports events. These events are being organized by the student members in their capacity as Secretary, Joint Secretary etc., under the guidance of a faculty advisor. Such committees are acting as effective learning centers of team building and leadership qualities. Students organise themselves for International Field visit, Exclusive Student Seminar, Cultural Fest, Sports event by organising as teams. Students are provided with ample opportunities for the enhancement of academic, professional, and service aspects of student life through participation in organising these programs and activities. Management Student Association serves both an educational and social function on campus, offering students the opportunity to engage with other students and to develop communication, collaboration, and leadership skills. University provides opportunity and experiences for the students to apply knowledge and skills learned in the classroom to nationally recognize professional development events through dialogue, presentation, research, networking, and scholarly inquiry. Student representation in academic bodies: University believes participation of students in curriculum planning and implementation. Since students are our clients and important stakeholder in the university, students' representative from the final year will be invited to present his/her views about the syllabi in the Board of studies and Academic Council. Their suggestions are considered for the enrichment of curriculum. Students representative are also invited to present their views in IQAC meetings for enhancement of academic and physical infrastructure.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Annamalai University Alumni Association was formed in the year 2015 and registered under the Tamilnadu societies registration act (Reg. No. 1/2015), and it is directed by the ViceChancellor as President and the Registrar as VicePresident and the Director of Alumni Relations as General Secretary, Deputy Directors as Joint Secretary and Treasurer and other Deans of Faculties, Director (DDE) and other distinguished members as Executive Committee Members. The prime objectives of the Annamalai University Alumni Association are to:

- Encourage the Alumni to take an active and abiding interest in the work and progress of the University so as to contribute to the enhancement of social utility of their Alma Mater and step towards a world class University.
- Organize and establish scholarship funds to help the needy and deserving students.
- Arrange meetings/conferences/seminars/workshops/conventions of alumni whenever needed.
- Promote and foster mutually beneficial interaction between the Alumni and the present students of Annamalai University.
- Institute prizes and awards for outstanding project works, research papers or other professional activities by the students of the University also to suitably recognize outstanding social and community service by the Alumni and the students.
- Acquire, purchase or otherwise own or take on lease or hire in the premises of the University or elsewhere in India temporarily or permanently any movable or immovable property necessary or convenient for the furtherance of the objects of the Association.
- Construct new buildings, create/improve the basic infrastructure facilities for general and specific purposes.
- Renovate and create additional facilities in the existing building(s).
- Provide funds for the maintenance of machineries and instruments.
- Publish and circulate a Newsletter. Do all such other lawful functions as are conducive or incidental to the attainment of the above objectives and /or beneficial to the interests of the Institute and its Alumni.

5.4.2 – No. of registered Alumni:

12571

5.4.3 – Alumni contribution during the year (in Rupees) :

5095791

5.4.4 – Meetings/activities organized by Alumni Association :

16 meetings / 32 activities

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Centre for Academic Research (CARE) Initially, managing various academic processes pertaining to the academic research programmes including D.Litt. D.Sc. / Ph. D. / M. Phil. were done by different sections such as admission in K section, examinations in Controller of Examinations office at central pool, the programme related activities and provisional registration at department levels. This made the scholars to run from pillar to post for different processes. Due to UG and PG programmes with large student strength, it is difficult to manage examination related processes pertaining to academic research programmes by the office of the Controller of Examination. To overcome these difficulties and speed up different processes including admissions, examinations, thesis submission, plagiarism checking and other intermittent processes, the University has established Centre for Academic Research Excellence (CARE). Various academic processes governed by different sections in central pool were detached from those sections and COE and were brought under the umbrella of CARE. CARE is headed by a Director and Deputy Director to look after the academic activities including admissions, provisional registration, constitution of Research Advisory Committee (RAC), monitoring the research progress and quality of publication, minor problems faced by scholar, question paper setting, arrangement to conduct Viva voce examination and award of Degree. This initiative has paved a way to manage all academic research programmes works at ease at one point stop. Outcome of this initiative is speedy processing and easy tracking of different activities Committees to effectively administrate task oriented activities in time frame: In Both University level and Faculty level, various committees are constituted every year to decentralize the powers to enact and speed up the process of completing task oriented academic and administrative works. Committees constituted during the academic year for various tasks include, curriculum revision committees at department and faculty level, admission committee, committee for admission counselling process, student disciplinary action committee, committees for different academic report preparation, committees for conduct of university functions including Convocation etc. For successful conduct of faculty level functions including College day, Job Fare and Farmers day the students are involved to manage various tasks. Involvement of students as managers brought in great success of conducting many events and set example for the success of participative management involving beneficiary stakeholders.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type

Details

<p>Curriculum Development</p>	<p>Periodical revision of the syllabi has been in practice. The Boards of Studies include external and internal experts, representatives of stakeholders (alumni, employers, student invitees). Finally the curriculum is implemented with the approval of Faculty board and Academic Council. Curriculum development is aimed to create positive changes in the educational system. ? Course Outcomes are mapped with Programme Objectives and Programme Specific Objectives ? The guidelines of national and state level academic and regulatory bodies (TANSCH, UGC, ICAR, MCI, DCI, PCI, NCI, and AICTE) are taken into consideration ? Value Added Courses and Experiential learning to acquire adequate knowledge and skills ? Accuracy in delivery to suit employment and entrepreneurial needs ? Dynamic component to accommodate recent developments in the subjects</p>
<p>Teaching and Learning</p>	<p>Feedback from students about the teachers are collected every semester and they are shared with the course teachers and heads of departments for further action. Necessary suggestions are given by the authorities and heads. Provisions are in place for periodical interactions with experts in academics and industries. Slow learners and advanced learners are identified to devise appropriate strategies to augment their learning. Integration of conventional and modern methods of teaching are encouraged by the provision of infrastructural facilities and IT tools. Students are exposed to experiential learning through hands on training, Industrial tieups, Field Projects, Internships and Industrial Visits. Faculty and student participation in seminars/conferences and academic bodies like Board of Studies, IQAC and Academic Council is encouraged.</p>
<p>Examination and Evaluation</p>	<p>The entire process related to examination from registration, fee payment, issue of hall tickets to publication of results has been made online. Examination related information are disseminated through emails and SMS. Accuracy in the process of evaluation is assured through Double Valuation/Revaluation and Retotalling.</p>

<p>Research and Development</p>	<p>Three separate centres are in place to quicken and improve the research activities in the University. The research activities of individual faculty are coordinated by the CRD headed by a Director. Departmental research funding from GOI are administered through GUCC (Grant Utilization Coordination Committee). Academic Research programmes such as M. Phil. and Ph.D. are monitored by CARE (Centre for Academic research). Best Researcher awards are given on Teachers' Day. Sufficient funds are being allotted in the budget for the purchase and maintenance of equipment needed for research and development. Periodical meetings of the Doctoral committee and Research Methodology workshops are conducted. Scholars are motivated to participate in conferences and Seminars and publish papers in journals before submission of thesis. Students are encouraged to participate in Anveshan - student research convention an all India competition.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Adequate annual budgetary allocation for infrastructure augmentation (2.64 cr.) is offered from general funds. The university has bagged Rs.50 Cr. Funding from RashtriyaUchchatar Shiksha Abhiyan phase2 (RUSA) to utilize for research and creation of infrastructure facilities, class rooms, etc. Apart from this, the institutional funding from Government of India through PURSE, SAP and FIST projects give sustainable support to maintain the laboratories and to purchase more than 60 major equipments including MRI and CT Scans (Rs. 14.58 Cr.). Further, alumni of the university have contributed to asset creation in the university (to the tune of 21. 20 lakhs) in various forms to support university infrastructure.</p>
<p>Human Resource Management</p>	<p>Duties and responsibilities are earmarked for all the teaching and nonteaching staff members of the Department and their activities are monitored. The faculty are facilitated to attend refresher, orientation, short term programmes, conferences and seminars in order to update and equip themselves for the teaching process. During 201819 seven FDP programmes were organised for the benefit of the</p>

teachers. Career Advancement Scheme was successfully implemented following rules and regulations of UGC and AICTE. During this year, due promotions and AGP Movements were given all eligible faculties under CAS. Both faculty and administrative staff are encouraged to undergo yoga and meditation programmes to enhance their efficiency.

Industry Interaction / Collaboration

Various MoUs have been entered with leading industries such as: ? Neyveli Lignite Corporation ? National Institute of Interdisciplinary Science and Technology (NIIST)Trivandrum, ? Welding Research Institute (WRI)Tiruchirappalli, ? Indira Gandhi Center for Atomic Research (IGCAR)Kalpakkam, ? Defence Metallurgical Research Laboratory (DMRL)Hyderabad, ? Defence Research and Development Organisation (DRDO)New Delhi, ? Combat Vehicles Research Development Establishment (CVRDE)AvadiChennai, ? TTK IndustriesChennai, ? CIFAL Herbal products Pvt. Ltd. ? Swedish Match, Stockholm The University has entered MoUs with the following govt. and private organizations and has been offering UGC approved degree and certificate programmes: Government Organizations • Logistics Skill Sector, Chennai • HLL Management Academy, Trivandrum • National Backward Class Finance Corporation, New Delhi Private Organisations • ARM Healthcare Pvt. Ltd., New Delhi • Attadus Inc, USA • CURA Health care, Chennai • DivoteePvt. Ltd., Chennai • SEEK, Chennai • Skillsonics, Bengaluru • TMI Systems, Bengaluru • Universal Airhostess Academy, Chennai UGC approved Three year Degree Programmes • B.Voc Programme on • Airport Operations • Aquaculture • Catering Technology Hotel Management • Hospital Instrumentation Management Mechatronics • B.B.A. (Apprenticeship based) Logistics

Admission of Students

Complete transparency is maintained in admission process. Strict adherence to the norms set by the Government of Tamil Nadu with regard to reservation policies is practised. Eligibility Criteria stipulated by the regulatory bodies are adopted for admission process. There is an excellent opportunity available in the campus for

academic flexibility with enormous number of interdisciplinary options in programmes/courses. Speedy publication of examination results is an additional attraction for students to select Annamalai University for their studies. It also facilitates student progression to higher studies. Our stakeholders are completely satisfied with the safe and secure accommodation facilities available and the amenities for overall development of the students. Nationwide advertisements in print media, social media and University Website are given. Our distinguished alumni act as ambassadors to entice students from across the country.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>An exclusive centre is functioning to facilitate e-governance initiatives. The Center, carries out digitalization with efficacy through its multi pronged operations. An Exclusive Gallery page to display the photos and videos of the events in the University. The website is completely designed and maintained inhouse. Planning: A total of 2000 nodes with internet provision available for the staff and students.</p> <p>Installation of Network Surveillance Cameras is carried out for enhanced security. At present 196 Cameras have been installed at sensitive locations at Administrative Block and at various Faculties of Study. Installation of Cameras is expanded to other buildings in a phased manner. A proposal for 1600 cameras has been submitted to the Tamil Nadu Government under the Nirbhaya Scheme. Complete networking of the 100 acre campus with 15 km OFC cabling and 113 access switches. Institution's Innovation Council (IIC) for Annamalai University is formed as per the prescribed format by MHRD's Innovation Cell. Development: The university has 3 different standalone MIS to cater to the information requirement of the management. First the Office Automation System wherein all the service registers of the employees of the university is digitally entered and through the secured entry page the concerned authorities may login to obtain the entire details of the employees of the University. To ensure</p>

	<p>the robustness of the system it has been envisaged to scan the physical records and make it part of this system.</p>
<p>Administration</p>	<p>The Biometric Attendance Management System is an effort to move from the conventional paperbased attendance to embrace the digital attendance system. The AIC BAMS, inhouse developed software, integrates the database of the Biometric Server to the website of the University. The system allows the Heads of Departments / Sections to make leave entries, monitor and generate reports for various attendance shortcomings like not reported, single punch and hour deficiency at their biometric login. Further shifts for the staff can be pinned to calculate the working hours. The user can view their report and can sort out discrepancies in their leave entries and other related issues. The leaves are calculated with an opening balance fixed at the beginning of the calendar year. Regarding Earned Leave, the annual availed days are calculated for that particular year since there is nonavailability of the cumulative opening balance. Efforts are underway to incorporate the opening balance of the earned leave.</p>
<p>Finance and Accounts</p>	<p>Centralized Accounting System simplifies the accounting system and provides approval at various levels. It encompasses 8 major accounts comprising of 3200 budget heads for regular accounts. The grants and projects are individually treated as a separate major head with project specific budget heads and there are 65 such project accounts. The procedure for approval is in 4 stages, the first stage being the user department or section creating the requirement file, followed by the Finance section making appropriate entries. In the second stage the approval is given by the Finance Officer, the third stage is approval by the Registrar and the last stage is approval by the Vice Chancellor. If the sanction amount is less than Rs. 5000/ the process gets over at second stage and if less than 50,000/ it stops at the third stage if it is more than 50,000/ it goes through all stages. Once the approval is given a voucher is</p>

	created for processing the payment. The major advantage of this system is that no wrong entries are made in the budget allocated and ease of accounting.
Student Admission and Support	Online Applications are available to all the Programmes offered by the University. Webbased counselling for all the Professional Programmes are in place. All payments like the tuition fees, examination fees and hostel fees are made online by students. Students Attendance and Internal Assessment Marks are accessible through Student Portal. Wifi Facilities have been provided to all the 19 Hostels. Biometric Attendance System for the residents of the woman students in the Ladies Hostel with the help of 16 Machines.
Examination	Complete online registration, fee payment, issue of hall tickets and publication of results. Dissemination of examination related information through emails and sms. Transparency in the process of evaluation is assured through double valuation/revaluation and retotaling

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	C.Subramanian	VII National Seminar on Optimization, Inference, sampling Techniques and Related areas	0	16846
2019	S.Kalaivani	Empowering India Through Digital Literacy	0	175000
2019	S.Saileela	Education on Digital Culture and Social Media	0	250000
2018	R.Arunmozhi	Consumer protection and welfare, Indian Institute of Public	0	7730

		Administration0		
2018	B. Gopalakrishnan	International Conference on Seamless Chemical Engineering in service of Humanity: Innovations, Opportunities and Challenges	0	5462
2018	S.Raja	71st Annual Session of Indian Institute of Chemical Engineers (CHEMCON 2018)	0	5462
2018	R.Muthuvelayutham	International Conference on Seamless Chemical Engineering in Service of Humanity: Innovations, Opportunities and Challenges	0	5462
2018	B. Asha	International Conference on Advances and Challenges for Sustainable Ecosystem	0	10462
2018	B. Asha	International Conference on Waste, Energy and Environment	0	11684
2018	M.Arivamudhan	INDICON 2018	0	1080
2018	M. Loganathan	22nd world hydrogen energy conference (WHEC 2018)	0	258000
2018	Guru Prasad Mohanta	Second International My Dispense Symposium 2018	0	160000
2018	K.Balamurugan	70th IPC (Indian Pharmaceutical Congress)	0	4670
2018	K.Kathiresan	Scientific Session Evaluator in 70th IPC	0	7569

		(Indian Pharmaceutical Congress)		
2018	T. Selvamuthu maran	34th International Society of Chemical Ecology Conference	0	120000
2018	D. Venkatakrisnan	Advances in Integrated Watershed Management for Rural Livelihood	0	2010
2018	A. Pari	MGR Centenary celebrations	0	500000
2018	P.Innamuthu	Tholkappiyarins eyyuliyalkotpad ugalumpirkalaya ppiyalnoolgalum	0	1500
2018	P.Innamuthu	Thamizhilakkiya ngalilvazhviyal sindhanaigal	0	500
2018	P.Revathi	DesiyaKaruthara ngam on Tholkap piyaSeiuliyalKo tpadugalumPirka laYappiyalNoolk alum	0	2500
2018	K.Renuka	Educational Empowerment for Dalit Students	0	500
2018	K.Renuka	Voice of Midwiv esRevitalizing the Reproductive Health	0	500
2018	S. Rajendran	The 23rd All India Conference of Biomedical Laboratory Science	0	5000
2018	P. Subramanian	ICNP2018	0	3000
2018	P.Punitha	RTSMC2018	0	1000
2018	P.Punitha	NCFNS2018	0	1500
2018	P.Punitha	Educating the Issues and Threats on Climate Change	0	1000
2018	P.Punitha	ICRTC2018	0	200

2018	R.Venkatachalapathy	AOGS 2018	0	150022
2018	R. Sivakumar	Educating the Issues and Threats on Climate Change	0	150000
2018	R.Sivakumar	Integration of ICT into Education	0	50000
2019	B. Asha	International Conference on Emerging Contaminants in water and Environment	0	16410
2019	B. Asha	International Conference on Bioenergy, Environment, and Sustainable Technologies	0	10143
2019	S. Poongothai	International Conference on Hydrology and Water shed Management with a focal theme on Urban Water Management for Sustainable Development	0	5648
2019	K. Ezhisaivallabi	International Conference on Hydrology and Water shed Management with a focal theme on Urban Water Management for Sustainable Development	0	5648
2019	K. Srinivasan	International Conference on Hydrology and Water shed Management with a focal theme on Urban Water Management for Sustainable Development	0	5648
2019	K. Ravisankar	International Conference on Hydrology and	0	5648

		Water shed Management with a focal theme on Urban Water Management for Sustainable Development		
2019	S. Sathishbabu	4th International Conference on Recent Advancements in Chemical, Environmental Energy Engineering	0	700
2019	M. Arivamudhan	3 rd International Conference on Electrical Computer and Communication Technologies (IEEE ICECCT 2019)	0	944
2019	P.Kandan	National Level Workshop Onthe Essentials Of Latex	0	10000
2019	S. Parimalakrishnan	The 2nd Global Public Health Conference 2019	0	18000
2019	N. Ravisankar	International Conference on Hydrology and Water shed Management with a focal theme on Urban Water Management for Sustainable Development	0	5648
2019	S. Sanjaygandhi	6th international conference on BIOCICON 2019	0	4400
2019	K. Rajamohan	6th international conference on BIOCICON 2019	0	4400
2019	L. Vengadeshkumar	6th international conference on BIOCICON 2019	0	4400

2019	K.Arivazhagan	World of Coal Ash	0	25000
2019	K.Renuka	ICSSR Sponsored Two Days National Seminar	0	500
2019	P.Punitha	Innovation research and industrial relations in Chemistry	0	500
2018	S. Rajendran	Challenges and Advances in Microbiology (Cam 2018)	0	5000
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Quantitative Techniques In Research Data Analysis		19/09/2018	20/09/2018	173	0
2018	REACT 2018		30/06/2018	30/06/2018	50	0
2018	Refresher Course On Sustainable Management Strategies For Coastal Environment And Agriculture		10/12/2018	23/12/2018	96	0
2018	Research Methodology		13/11/2018	19/11/2018	78	0
2018	Research Methodology on Scientific Writing And Critical		04/06/2018	09/06/2018	95	0

	Analysis of Scientific Publications					
2019	Revised Basic Course Work Shop In Medical Education Technologies		07/12/2019	07/12/2019	30	0
2019	Revised Basic Course Workshop In Medical Education Technologies		16/07/2019	18/07/2019	4	0
2019	Septic Shock Management And Novel Theraphies		05/03/2019	05/03/2019	50	0
2018	Short Term Course On Sustainable Development Koha Software For Academic Library Management		10/12/2018	23/12/2018	105	0
2018	Short Term Course On Sustainable Development		11/06/2018	01/07/2018	25	0
2018	Space Sciences		13/10/2018	13/10/2018	25	0
2019	TnoaTksMid YearCme		20/07/2019	21/07/2019	150	0
2018	Transforming Instruction Through Blended Class Room		29/10/2018	23/12/2018	50	0
2018	Vaccine Preventable Disease Su		07/09/2018	07/09/2018	50	0

	Surveillance And Immunization Programme					
2019	Workshop on Single Crystal		27/09/2019	28/09/2019	40	0
2019	Sas Training		07/01/2019	11/01/2019	30	0
2019	Rural Community Engagement		21/08/2019	25/08/2019	25	0
2018	Short Course On Experimental Data Analysis And Winning Research Proposal Writing		24/11/2018	30/11/2018	96	0
2018	A National Conference On Recent Trends In Computing And Information Technology (Rtcit'18)		13/11/2018	14/11/2018	51	0
2018	Blood Is Life		09/12/2018	09/12/2018	40	0
2018	Cme On Current Trends In Leprosy Rehabilitation		06/12/2018	06/12/2018	11	0
2018	Counselling Skills and Strategies For Nurturing Young Minds		24/12/2018	30/12/2018	45	0
2019	Curriculum Implementation Support Program		24/07/2019	26/07/2019	30	0
2019	E Content Development		23/01/2019	29/01/2019	30	0

2018	Faculty Development Programme On Environmental Pedagogy		12/12/2018	12/12/2018	98	0
2019	Icssr Two Week Capacity Building Programme		06/05/2019	20/05/2019	20	0
2018	Infant And Young Child Feeding Breast Feeding Workshop		14/10/2018	14/10/2018	60	0
2018	IOT		12/10/2018	12/10/2018	25	0
2018	KarpathilPuthiyaUthigal		26/11/2018	12/02/2019	50	0
2018	Marine Bio Diversity Conservation		26/11/2018	02/12/2018	88	0
2018	National Workshop On Machine Learning Techniques For Smart Applications		28/09/2018	29/09/2018	134	0
2018	Pediatric Cardiology Camp And Guest Lecture		12/11/2018	12/11/2018	30	0
2018	Prospects Of Technology - Pedagogy In Teaching		10/12/2018	23/12/2018	107	0
2019	Quality Improvement Programme On Dynamics Of Teaching Learning Process		25/01/2019	31/01/2019	26	0

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Capacity Building Programme (ICSSR)	5	01/06/2019	14/06/2019	14
Methodologies and best practices of Vibration analysis in automobile industry	2	13/06/2019	19/06/2019	7
Data Science and Exploratory Data Analysis with R and Python	2	07/06/2019	20/06/2019	14
Energy and Environmental Management	6	17/06/2019	21/06/2019	5
Fluid Mechanics and Machineries	4	17/06/2019	21/06/2019	5
Computer aided design and analysis of structures using finite element method concepts structural engineering	1	17/06/2019	22/06/2019	1
Orientation Program First Aid	3	14/07/2019	14/07/2019	1
Medical Education Technologies	17	16/07/2019	18/07/2019	3
Competency Based Support Implementation Programme	3	24/07/2019	26/07/2019	3
Curriculum implementation support programme	8	24/07/2019	26/07/2019	3
Competency	4	01/08/2019	03/08/2019	3

Based Support Implementation Programme				
Revised basic course workshop	2	01/08/2019	03/08/2019	3
Orientation programme for I year MBBS Students	4	06/08/2019	16/08/2019	11
Machine Learning Applications Frameworks	1	24/08/2019	29/08/2019	6
Research priorities in Oral Precancer Cancer	1	01/10/2019	01/10/2019	1
Recent trends in plant microbe interaction	3	17/11/2019	27/11/2019	11
Recent Trends In Research Methods	1	04/12/2019	10/12/2019	7
Research Priorities in Oral Cancer	1	19/01/2019	19/01/2019	1
Research priorities in precancer and cancer	6	19/01/2019	19/01/2019	1
Lasers in Periodontic	1	23/01/2019	23/01/2019	1
EContent Development	3	23/01/2019	29/01/2019	7
Teaching methods to enhance the emotional intelligence of the millennium youth	1	02/02/2019	02/02/2019	1
7thRapid Review and Revision course in Prosthodontics	1	04/02/2019	06/02/2019	3
Marine Biodiversity and Conservation	5	26/11/2018	02/12/2018	7
Cyber security	4	19/11/2018	02/12/2018	14

Art of Academic Writing	37	26/11/2018	02/12/2018	7
Prospects of Techno Pedagogy in Teaching	14	26/11/2018	02/12/2018	7
Capacity Building Programme for Faculties in Social Sciences	10	27/11/2018	03/12/2018	6
New Vistas in Seed Production, Processing, Seed Enhancement and Marketing	1	14/11/2018	04/12/2018	21
Techniques in bio fertilizers and bio pesticides production for organic agriculture	4	14/11/2018	04/12/2018	21
Refresher Course	35	15/11/2018	05/12/2018	21
Marine Plankton For The Sustainable Fishery Resources	1	07/12/2018	07/12/2018	1
Data Mining	1	08/12/2018	08/12/2018	1
SocioPragmatics Focusing the Language Data of SocialMedia	1	08/12/2018	08/12/2018	1
Biofuels and Fuel cell - Fundamentals and Applications	10	03/12/2018	09/12/2018	7
Analytical Techniques	5	03/12/2018	09/12/2018	7
Recent trends in research methods	15	04/12/2018	10/12/2018	7
Prospects of TechnoPedagogy inTeaching	1	10/12/2018	23/12/2018	14
Communication technologies in Education	1	07/10/2018	11/12/2018	66

Recent Advances in Adaptation and Management Strategies for Sustainable Oilseeds Production under Climate Change Scenario	1	03/12/2018	12/12/2018	10
Machine Learning Techniques	1	12/12/2018	13/12/2018	2
Refresher Course	2	23/11/2018	13/12/2018	21
Entrepreneurship, National Engineering College, Kovilpatti	2	03/12/2018	15/12/2018	14
ISP National Conference	1	15/12/2018	15/12/2018	1
IoT System Design Using CC3200	3	05/09/2018	06/09/2018	2
machine Learning and R Tool	5	05/09/2018	09/09/2018	5
Cloud Computing	1	24/09/2018	28/09/2018	5
Asepsis, Infection Control, Waste Management And Naco Protocols	1	03/05/2019	03/05/2019	1
General Principles And Techniques Adopted In Fisheries Biology	1	06/05/2019	08/05/2019	3
Advances in computational fluid dynamics : Methods and applications using MATLAB and ANSYS Fluent	1	06/05/2019	11/05/2019	7
Pedagogy for logistic courses	1	17/05/2019	18/05/2019	2
Self Awareness and Higher	1	20/05/2019	24/05/2019	5

Goals in Education				
Fundamentals of Agricultural Extension	1	25/03/2019	28/05/2019	65
Green and Sustainable Technologies for Zero Emission	4	27/05/2019	31/05/2019	5
Machine Learning Techniques for Smart Applications	6	28/09/2018	29/09/2018	2
Accredited Continuing Dental Education ProgPanace Dental(Layerin)	1	02/10/2018	02/10/2018	1
Tamil Epigraphy	1	03/11/2018	12/11/2018	10
Emerging Trends and Challenges in Micro/Nano Electro Mechanical Systems and Smart Materials	1	12/11/2018	13/11/2018	2
Recent trends in Computing and Information Technology	1	13/11/2018	14/11/2018	2
CDE and Implantology workshop	1	17/11/2018	17/11/2018	1
Membrane Technology for Water and Wastewater Treatment	1	12/11/2018	17/11/2018	6
Functional Foods: Concept, Technology and Health Benefits	1	08/10/2018	19/11/2018	43
Research Methodology	3	13/11/2018	19/11/2018	7
Physiobiochemical and genomic tools to manage drought and postharvest sucrose losses	1	20/11/2018	10/12/2018	21

in sugarcane				
ICT for improving efficiency and effectiveness in agricultural research, education and extension of NARES	1	13/11/2018	22/11/2018	10
Advances in Integrated watershed Management for Rural Livelihood	2	12/11/2018	23/11/2018	12
Technology Updation On Food Processing For Rural Entrepreneurship	2	14/11/2018	23/11/2018	10
Modelling and Optimization for Engineering Applicatons	4	12/11/2018	25/11/2018	14
Professional preparation in Physical Education and Sports Sciences - A Multi Disciplinary Approach	4	22/11/2018	28/11/2018	7
Experimental Data Analysis And Winning Research Proposal Writing	112	24/11/2018	30/11/2018	7
Dynamics of Teaching Learning	2	01/11/2018	30/11/2018	30
Experimental Psycholinguistics with Special Focus on Language Processing and Reading	5	04/12/2018	04/12/2018	1
CYBER SECURITY	35	19/11/2018	02/12/2018	14
Nanotechnology : Development and Challenges	1	27/05/2019	31/05/2019	5

An Integrated Approach of Engineers towards: Water, Food, Energy Climate Nexus in a Changing World	1	27/05/2019	01/06/2019	6
Pedagogy on Emotional Intelligence	1	01/06/2019	06/06/2019	6
Network Security CMOS Mixed Signal Architectures	3	27/05/2019	09/06/2019	14
Circuit Simulation and PCB Design using MULTISIM	1	10/06/2019	14/06/2019	5
Clean energy technologies	1	10/06/2019	14/06/2019	5
Renewable Energy Sources and Emerging Technologies	6	10/06/2019	14/06/2019	5
All on 4 Implant Placement protocol " National institute of Dentistry and Cosmetology , Chennai	1	16/12/2018	16/12/2018	1
Inter Disciplinary Refresher Course in Commerce Management	1	26/11/2018	16/12/2018	22
LINK 18 EndoProsthodontic Conference	1	16/12/2018	16/12/2018	1
International FDP on Trends in Interdisciplinary Research	7	13/12/2018	17/12/2018	6
Summer School	1	30/11/2018	20/12/2018	21
MATLAB and LABVIEW for Engineering Application	1	17/12/2018	21/12/2018	5

Prospects Of Techno - Pedagogy In Teaching	5	10/12/2018	23/12/2018	14
Refresher course	2	23/12/2018	23/12/2018	1
Sustainable Management Strategies for Coastal Environment and Agriculture	96	10/12/2018	23/12/2018	4
Inter Disciplinary Refresher Course in Life Sciences	2	04/12/2018	24/12/2018	22
Cryosectioning Of Tissues From Sentinel Marine Organisms	1	27/12/2018	27/12/2018	1
Artificial Intelligence in Medical and Healthcare Applications	55	24/12/2018	29/12/2018	7
Dynamics of Teaching Learning Process	8	25/12/2018	31/12/2018	7
Research Priorities In Precancer and Cancer	1	03/01/2019	03/01/2019	1
Advances in Digital Additive Manufacturing:3D Printing (ADAM2019)	1	04/01/2019	05/01/2019	2
Modelling and Simulation of Micro and Macro Multiphase Systems	4	08/01/2019	12/01/2019	6
Research methodology	50	18/01/2019	19/01/2019	2
Cryptocurrency Mining	1	08/02/2019	09/02/2019	2
CDE programme	2	12/02/2019	12/02/2019	1
RRCP	1	14/02/2019	14/02/2019	1

Embedded System using 8051 micro controller	2	11/02/2019	15/02/2019	2
MOOC and E content development	2	15/02/2019	21/02/2019	7
Research Methodology	1	15/02/2019	21/02/2019	7
10th IPS and Tamil Nadu State Branch Conference	1	23/02/2019	24/02/2019	2
Developments in Organic Agriculture	1	06/02/2019	26/02/2019	21
Refresher Course In Marine Science	3	26/11/2018	28/02/2019	95
Asepsis , Infection control , Waste Management NACO Protocols	8	01/03/2019	01/03/2019	1
Goods and Service Tax(GST) A Way to Road Ahead	1	01/03/2019	01/03/2019	1
Essentials of latex	1	01/03/2019	01/03/2019	1
CDE on Asepsis and waste management	20	02/03/2019	02/03/2019	1
Oral Cancer	2	04/03/2019	04/03/2019	1
Advance septic shock	20	05/03/2019	05/03/2019	1
Pharm.D Education: Training for the Academic Practitioners	2	01/03/2019	14/03/2019	14
Advances in Materials and Structural Aspects of Tall Building Construction	1	11/03/2019	16/03/2019	6
Research methodology	7	19/03/2019	19/03/2019	1
Resource Management in	1	25/03/2019	06/05/2019	43

Rainfed Drylands				
Research Methodology for Social Science Teachers	1	30/03/2019	30/03/2019	1
Introduction to Soft Computing	1	27/01/2019	31/03/2019	64
Advance power electronics and control	1	28/01/2019	31/03/2019	63
Automatic Control	1	20/01/2019	31/03/2019	71
Matlab Programming for Numerical Computation	1	01/01/2019	01/04/2019	91
Basic implantology with hands on in goat mandible	1	05/04/2019	05/04/2019	1
7th AOMSI TN annual conferenceGenie 2019	7	05/04/2019	07/04/2019	3
Empowering India through digital literacy	1	12/04/2019	13/04/2019	2
Recent Advancements in chemical, Biological, Energy and Environment	2	22/04/2019	26/04/2019	5
Chemical Process Control	1	27/02/2019	27/04/2019	1
Control Engineering	2	28/01/2019	27/04/2019	90
Introduction to Basic Cognitive Processes	1	25/02/2019	27/04/2019	62
ANTENNAS	1	28/01/2019	28/04/2019	91
ANTENNANPTEL	7	01/01/2019	30/04/2019	120
20th IPS and NATIONAL PG convention	1	06/07/2018	08/07/2018	3
Distributed Cloud Infrastructure	1	23/07/2018	23/07/2018	1

for 5G				
Education and Educational technology	2	04/07/2018	24/07/2018	21
PG Workshop	1	05/08/2018	05/08/2018	1
PG Workshop	8	10/08/2018	10/08/2018	1
Prospects of Techno Pedagogy in Teaching	2	15/08/2018	18/08/2018	4
Internet of Things(IOT) in 5G Mobile Technologies	3	23/08/2018	23/08/2018	1
Recent Trends in Research Methods	88	04/10/2018	04/10/2018	1
Media and child development	1	28/10/2018	28/10/2018	2
Wireless Sensor Networks for Home and Industrial IoT(S)	4	11/10/2018	11/10/2019	1
Tamil Epigraphy	1	03/10/2018	12/10/2019	10
Data Analytics in Python Programming	1	01/10/2018	12/10/2018	13
Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	2	27/08/2018	22/10/2018	56
Molecular Biotechnology - Tools and techniques	2	22/10/2018	26/10/2018	5
Advanced Linear Continuous Control Systems	1	22/08/2018	27/10/2018	67
Art of writing research article and online citation promotion	5	22/10/2018	28/10/2018	7
Disaster Management	3	29/10/2018	03/11/2018	5
Recent Trends in Mechanical	1	02/11/2018	03/11/2018	2

Engineering and CFD Applications				
Entrepreneurship	2	22/10/2018	04/11/2018	14
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Separate Health centre for Staff of the University • Free treatment is given in RMMCH, • Canteen facility at every faculty • Reading room • Staff recreation club • Yoga centre • Three cooperative societies are in Annamalai University for the welfare of the staff • TN GOVT. Health insurance scheme 	<ul style="list-style-type: none"> • Separate Health centre for Staff of the University • Free treatment are given in RMMCH, • Canteen facility at every faculty • Reading room • Staff recreation club • Yoga centre • Sexual Harassment Committee • Three cooperative societies are in Annamalai University for the welfare of the staff • TN GOVT. Health Insurance Scheme 	<ul style="list-style-type: none"> • Canteen, Reading room • Welfare and grievance redressal cell, student information centre, • Mineral water plant, Antiragging committee, yoga centre • Scholarships, Grievances redressal cell, Student welfare cell, sexual Harassment Cell. • The university offers various scholarship to economically and communally backward students in addition to facilitating bank loans. • Free medical treatment is provided to all the students in the Rajah Muthiah Medical College of Annamalai University • Mentormentee systems, Research Methodology Workshop, SC/ST Scholarship, First graduate scholarship • Free Education scheme for students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institutional accounts are subjected to regular internal and external statutory audits. After internal scrutiny the bills and vouchers are forwarded by the concerned section to the Government appointed Finance Officer then to the Authorities for further approval and payment. The Public Financial Management System (PFMS) is in effective functioning to manage and oversee the financial practices pertaining to Govt. funds. The major policy and administrative decisions which involve monetary transactions are scrutinised by the Finance Committee before sending for the approval of the Syndicate. The expenditure incurred for State and Central Government funds are audited by

Local Fund Audit and then by AG audit as a regular auditing procedure. Annual joint sitting with statutory auditing bodies are arranged to set right the audit objections. The expenditures on private funds are audited by empanelled private auditors recognised by the university.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Chennai Institute of Educational Technology Research (CIETR)	50000	For the Conduct of National Seminar
View File		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Expert from peer group institutions, The Times Higher Education World University Ranking 2019, The NIRF2019, The QS World University Ranking - 2019, Medical Council of India, Dental Council of India, Nursing Council of India	Yes	Head of the Department and Coordinator IQAC
Administrative	Yes	1. The Principal Secretary to Government of Tamil Nadu, Finance Department. 2. The Principal Secretary to Government of Tamil Nadu, Higher Education Department. 3. The Secretary to Government	Yes	1. The ViceChancellor, Annamalai University 2. Finance Officer Annamalai University, Finance Officer and AFO Appointed by Govt. of Tamil Nadu

of Tamil Nadu,
Health and
Family Welfare
Department., Local
Fund Audit
AG audit, By
empanelled
private
auditors
recognised by
the university

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

0

6.5.4 – Development programmes for support staff (at least three)

Nil

6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Strengthening of laboratory facilities and equipments worth Rs. 14.30 Cr.
- Strengthening of egovernance activity by adopting partial Management Information System

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Quality Improvement for revision of Syllabus and updating with current trends Trade, Commerce and Business	20/08/2019	13/08/2018	21/08/2018	20
2019	Invited Lecture	03/01/2019	03/01/2019	03/01/2019	76
2019	Invited Lecture	12/02/2019	12/02/2019	12/02/2019	12
2019	International Certificate	02/04/2019	02/02/2019	04/02/2019	9

	Course In Kinantrapometry.				
2019	International Certificate Course In Kinantrapometry.	05/04/2019	05/04/2019	07/04/2019	8
View File					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Equality in Constitution of India	12/09/2018	12/09/2018	60	58
Women Empowerment Awareness Programme	20/03/2019	21/03/2019	12	13
Preventing violence against women and children	27/03/2019	27/03/2019	51	47
National Workshop on Women Empowerment	28/03/2019	28/03/2019	42	10
Women Empowerment	01/04/2019	01/04/2019	28	24
Traffic Rules & Regulations and Sensitization of Crime against Women	12/04/2019	12/04/2019	83	61

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
3.5 per cent

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	39
Provision for lift	Yes	39
Ramp/Rails	Yes	39

Braille Software/facilities	No	0
Rest Rooms	Yes	39
Scribes for examination	Yes	1
Special skill development for differently abled students	No	0
Any other similar facility	Yes	39

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	9	3	21/07/2018	1	Mass Cleaning Programme	Clean Environment	154
2018	9	3	26/09/2018	1	Blood Donation Camp	Importance of Blood Donation	112
2018	9	3	24/11/2018	1	Leaders for a TBfree world	Awareness on Tuberculosis and Management	62
2018	9	3	27/11/2018	1	Family and Diabetes	Screening risk reduction and education on Diabetes mellitus	58
2018	9	3	23/11/2018	1	Gaja Cyclone Relief Camp	Relief to the affected people	3
2018	9	3	27/09/2018	1	Alzheimer's disease	Awareness on Alzheimer's disease	54
2018	9	3	04/10/2018	1	Team Building Skills for Self Help Group	Power of Team	33

2018	9	3	31/10/2018	1	National Unity Day	Pledge on observati on of National Unity Day	104
2018	9	3	29/11/2018	1	Gaja Cyclone and Flood Relief	Relief to the villagers at Vedara nyam	203
2018	9	3	20/09/2018	1	Swachh Bharat Mission	Impart Social re sponsibil ity among Villagers and Students	123
2018	9	3	12/12/2018	1	Pollution free envi ronment and chemical engineeri ng	Applicati on of chemical engineeri ng in the areas of pollution mitigatio n and design of green processes	51
2019	6	1	09/01/2019	1	Blood Donation Camp	Blood donated to Govern ment hospital	14
2019	6	1	23/01/2019	1	Breast cancer	Screening and awareness creation on Breast cancer	58
2019	6	1	13/02/2019	1	Mass Education Programme on Eye donation	Awareness creation regarding eye donation	34
2019	6	1	28/02/2019	1	Exhibitio n on world science day	awareness creation about world science day	106
2019	6	1	19/03/2019	1	Mental health program	How to maintain mental	64

						health	
2019	6	1	23/03/2019	1	Mass Cleaning Programme	campus cleaning, cleaning school, cleaning of roads, temple and banks of ponds in the village	55

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for student community	12/07/2018	<p>The code of conduct published for students govern the dress code and Ragging, Rules and Regulations to be followed in campus life. The salient features are, ? The campus is a "Tobacco Free" and "Liquor Free". Any violation of this will result in dismissal from the program. ? Use of mobile phones and other electronic gadgets is not permitted in the class rooms, examination halls, University organized functions/ programs/ extracurricular and cocurricular activities ?</p> <p>The students are forbidden from using motorized vehicles, including powered two wheelers, inside the campus. ? Students need to wear formal dress.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Green practice	15/08/2018	17/08/2018	206
Healthy Tips to lead Healthy Life	18/08/2018	18/08/2018	256
Motivation for Yoga and Meditation	06/10/2018	06/10/2018	327
International conference on values and spirituality for	08/06/2019	09/06/2019	3

overcoming challenges			
Lamp lighting ceremony (In the memory soldiers who died on Pulwama attack)	14/02/2019	14/02/2019	514

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Logistics using Bicycles: Annamalai University is one of the largest residential Universities in India, has its class rooms, offices, staff quarters, hostels and library are located close to each other so that the need of motorised transport is kept minimum. Most of the teachers and students who stay near to the University prefer walking to using any kind of vehicles. This is a regular scene with most of the members to contribute positively towards the environment. This mode is environment friendly and helps in preventing pollution also. The students who stay in different hostels prefer bicycles as a mode of transport. In the University campus, around 4000 bicycles are regularly used by our students and staff members. 2. Public Transport: The other students who stay in nearby rural areas prefer to use state transport buses as it offers them a concessional monthly pass. It is economically beneficial to students from backward financial status. 3. Plasticfree campus: University provides resources and tools to educate students on the environmental and health benefits of plasticfree campus to minimize plastic consumption and pollution in the premises and the surrounding environment. The plastic free campus program aims to eradicate singleuse plastics in the campus by encouraging students faculties to make plasticfree environment. To motivate people at large the University has erected banners and pasted notices at prominent places in the campus. 4. Paperless office: The University encourages lesser usage of papers in the office. Similarly, faculty are also motivated to distribute soft copies of class notes to the students. Electronic means such as Gmail or slide share are used for this to share the contents. Whatsapp groups are created classwise and departmentwise to communicate important messages to the students and faculty. 5. Green landscaping with trees and plants: The University maintains more than 20 gardens inside its premises. The University is committed to protecting the environmental heritage of its campuses and has adopted agroforestry for conservation of biodiversity to preserve the natural ecosystems and habitat of existing species in the campus. Walkways and Pedestrian Friendly Roads: The campus areas have been designed with the concept of open spaces including roads, jogging trails, and lawns. The natural landscape has been preserved while accommodating the demand to use these venues for various purposes. 6. Agroforestry: The University is committed to protecting the environmental heritage of its campus and has adopted agroforestry for conservation of biodiversity to preserve the natural ecosystems and habitat of existing species in the campus. The University also envisages this as a vital link for collaboration between agriculture and academics for the sustainable development of variegated plantations and conducting awareness camps on farming techniques, production of viable crop species and income generation.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I Title of the Practice: Annamalai University Rejuvenates Aura of All (AURAA) Objectives of the Practice: 1. To ensure and enhance the mental and physical wellbeing of the community of Chidambaram 2. To cater to the social and psychological needs of the senior citizens 3. To make the ambience of Chidambaram more lively 4. To provide recreational opportunities for the

economically disadvantaged sections in and around Chidambaram 5. To channelize the children community through positive reinforcement of their energy 6. To transform the lives of the socially marginalized through Yoga The Context: As Chidambaram is set in a rural environ, the residents are suffering from the lack of amenities and avenues for engaging themselves in physical and mental fitness enhancing activities. The elderly community is in particular need space for socialization. Providing kids with play zone and ambiance is vital to divert the children out of the clutches of electronic gadgets and to maintain their mental and physical health. It is vital to bring about changes in attitude and approach towards life through anger management and selfanalysis among prisoners. Against these contexts, AURAA (Annamalai University Rejuvenates Aura of All), an integrated programme that fulfills the physical, psychological and spiritual needs of the community was envisioned. In line with the spiritual cosmic tradition of Chidambaram, the abode of Patanjali yoga, the Annamalai University, the house of academic accolades, has introduced AURAA as part of its commitment to the community. The programme ensures the availability of physical space, intellectual assistance and spiritual guidance to the local population entirely free of cost. The Practice: ? Free access to children, parents and elders to a spacious and wellmaintained Children's Park ? Providing free access to the walking corridors and University Pavilion inside the campus ? Pollution free, cool, serene and oxyrich environment that help to improve quality living ? University sports complex offers special coaching camps in many sports and games activities during summer holidays ? The campus offers space to socialize and hangout for the public in general and elders in particular even from nearby villages to improve their social bondage ? The Yoga Centre of the University is offering Hatha Yoga, Raja Yoga, Meditation, Arulthanthai Vethathri Maharishi Meditation, Ramalinga Vallalar Meditation, Sri Aurobindo and Mother Meditation, and audiovisual programs to enhance the mental wellbeing through adoption of integrated approach of Yoga and Meditation. ? Enhanced social outreach through Yoga Therapy at RMMCH, a subcentre at Parangipettai and meditation halls at various Hostels of Annamalai University ? University offers Pranayama practice for controlling emotions and streamlining thinking process of the prisoners ? University offers yoga training to Police personnel and other government officials for better stress management and increased efficiency in their work places ? Free oral cancer screening programmes are conducted regularly Evidence of Success: ? The number of children, parents and elders visiting children's park has been on the increase ? Additional walking corridors had to be laid to accommodate the increasing number of daily walkers that include children, teens, adults, elders and women ? The number of children and students availing sports facilities in the campus has been going up. ? A record of 50000 students were trained by the Annamalai University Yoga Centre so far ? A mega event on International Yoga Day was successfully conducted ? A total of 60 prison inmates in Chennai, Madurai and Cuddalore prisons were imparted with yoga education and successfully obtained diploma and degree certificates. This programme was successfully implemented among Tihar and Sabarmati Central Jail inmates from 2010 onwards. Problems Encountered and Resources Required: Problems ? Inundation of water over the playing area of Children's Park during the days of heavy rain ? Lack of sufficient space to accommodate the beneficiaries in the Yoga Centre ? Non availability of swimming pool and a dedicated vehicle parking. Resources Required ? Funding for establishment of a Swimming pool and a vehicle parking. Best Practice II Title of the Practice: Annamalai University's Extra Education to Empower and Develop Students - AUEXEEDS Objectives of the Practice: AUEXEEDS is aimed at enhancing its on campus students with the following objectives: ? To improve the ability of students to think, analyse, synthesize, evaluate and apply the acquired knowledge in different allied concepts ? To empower the students with extra knowledge, skills and ability in line with their core study programme ? To facilitate the students become job ready with extra skills,

technical knowhow and additional qualification of a diploma/certificate title ?

To augment the ability of demographic population in university's reach to achieve relevant SDG Targets related to Skills and Employability The Context: The University education, as it is being an end in itself, is also a means to get a decent job, while lifelong learning is indispensable in order to keep pace with the changing skill requirement in job market. Hence, skill development is an essential prerequisite for attaining Sustainable Development Goals (SDG). In the changing times, there is an impetus to acquire more knowledge from extra learning outside the conventional learning programmes. Only those who acquired additional qualifications attract employers. In rural outfit, where the University is located (Cuddalore District is one among the Most Disadvantaged districts in India) the opportunity for students to access concurrent learning programmes is less. In this context, AUEXCEEDS was introduced to all on campus students to effectively utilize their time in campus and make them JobReady while ending their curricular programme with extra knowledge and skills. Practice: The wide array of Certificate, Diploma and PG Diploma programmes offered by the Directorate of Distance Education Centre at Annamalai University enables to undergo a wide range of extra concurrent learning opportunity. However, due to constraints such as guidance to choose an extra learning component, want of time to attend personal contact classes and practical sessions, and cost factor, very few students reap the benefit out of it. Hence, the University brought an arrangement with the DDE and introduced the following practices under AUEXCEEDS: ? Counselling and guidance to on campus students regarding concurrent extra learning opportunity ? Special waiver of tuition fee to the tune of 50 in all programmes offered by DDE for on campus students ? Personal Contact Classes and Practicals of the DDE programmes are scheduled in such a way that they do not clash with schedules of their regular curricular programmes ? Synchronising on campus programme activities to cope up with concurrent extra learning programme schedule (PCB, Practical schedule and Theory examinations) Evidence of Success: ? AUEXCEEDS has so far attracted and benefitted 12541 on campus students to 70 diverse programmes offered by the DDE and awarded certificate/diploma/PG diploma titles during the last five years ? Improved the knowledge and skill of on campus students in the field of Nursery Management, Landscaping, Dairy technology, Safety Engineering, Hospital Management, Hotel management, Marketing, Fertilizer Technology, etc. ? Has offered great scope for interaction between on campus students and outside participants currently working in market which gives insight for students to decide their next step in career Problems Encountered and Resources Required: Problems ? Synchronising regular on campus programme activities to cope up with concurrent extra learning programme schedule Resources Required ? Facilities to offer these concurrent learning programmes through MOOC mode ? Learning Management System (LMS) is required to offer econtent for the courses of various programmes.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://annamalaiuniversity.ac.in/download/IOAC/Best%20Practices/Best%20Practices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Annamalai University is situated in a semiurban area in one of the most disadvantageous districts. The major population of the district is socially and economically disadvantaged. In addition to this, the district is often vulnerable to natural disasters such as cyclone, floods, and tsunami. Most of the students hail from families that struggle to make both ends meet. Against

these odds, the University, has been functioning with the vision of empowering the student community from the weaker sections through valuebased education offered at affordable costs without profit motive. As a multidisciplinary university, it has been imparting knowledge through varied streams of higher education. Hence the University enjoys the distinctiveness of having a strong network of affectionate alumni in all walks of life across the globe. The alumni act as a bridge between the global developments and the local demands through constant interaction with the institution in general and students in particular. The university is unique not only because of its location but also because of the range of programmes it offers. A total number of 526 programmes are offered by the 49 departments of study, under 10 faculties. The programmes offered range from diploma to superspecialty level. The academic atmosphere permits the student to undergo any course of his/her choice across various disciplines. Value added courses are worth their name as they impart real value by enabling the learner to move across disciplines a medical graduate can opt a course in Fine Arts. A stateoftheart Central Library fulfilling the intellectual thirst a wellequipped sports complex for the physical fitness a 1000 bedded hospital attached to the Medical College to look after the physical wellbeing a Centre for Yoga Studies to take care of mental and spiritual wellbeing lead to the overall development of the student community. Extreme care is taken to enhance the holistic personality of the students. The international students in the university are also from under developed countries such as Democratic Republic of Congo, Sudan, South Sudan, Rwanda, Ethiopia, Somalia, Nigeria etc. Thus, there is an excellent opportunity for the student to overcome the social, cultural, religious and linguistic barriers and to become a global citizen.

Provide the weblink of the institution

<http://www.annamalaiuniversity.ac.in/>

8.Future Plans of Actions for Next Academic Year

In order to keep pace with the everexpanding world, and to uplift the downtrodden sections of the society simultaneously, the University has the following plans of action to be realized in the year to come. • To enable more departments to get special status such as UGCSAP and DSTFIST • To subject more programmes for accreditation by accrediting bodies such as ICAR and NBA • To introduce more Value Added Courses and Joboriented Courses • To enable more students to enrol for online courses in SWAYAM and MOOC • To encourage faculty to create more ecourses and econtents • To conduct more national / international conferences for knowledge sharing • To conduct hands on workshop / consultation workshop for giving practical exposure to students • To promote more inter disciplinary research • Augmentation of CISL and upgrading to international standards • Introduction of Start up programmes through incubation centre • To find out more avenues of fund generation for Research and Development • To enhance infrastructure facility by mobilizing funds from alumni • To provide job oriented training to rural youth through Centre for Skill Development • To bridge the gap between the institution and community through more number of community interaction programmes Our overarching goal is to achieve the status of "University with Potential for Excellence" through state of the art teaching, research, and extension.