



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		MANONMANIAM SUNDARANAR UNIVERSITY
Name of the head of the Institution		K. Pitchumani
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0462-2337231
Mobile no.		9842192288
Registered Email		naac@msuniv.ac.in
Alternate Email		vcofficemsu@msuniv.ac.in
Address		Abishekapatti
City/Town		TIRUNELVELI
State/UT		Tamil Nadu
Pincode		627012
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. V. Balamurugan
Phone no/Alternate Phone no.	04622337231
Mobile no.	9486240097
Registered Email	iqac@msuniv.ac.in
Alternate Email	bala_vm@msuniv.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.msuniv.ac.in/Download/Pdf/d92a8f314b59405
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.msuniv.ac.in/Academic/Academic_Calendar

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	B	2.86	2011	08-Jan-2011	07-Jan-2016
3	A	3.13	2018	16-Aug-2018	15-Aug-2023

6. Date of Establishment of IQAC	28-Sep-2004
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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 IQAC	Date & Duration	Number of participants/ beneficiaries
Capacity building programme on e -	24-Jun-2019 1	75

Governance		
A one day seminar on E-Governance	01-Aug-2019 1	97
A six day student induction programme	01-Jul-2019 7	230
A one day seminar on National Education Policy	26-Jul-2019 2	107
A one day Capacity Building Programme on ICT Enablement for Effective Institutional E-Governance	24-Jun-2019 1	97

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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
Manonmaniam Sundaranar University	PMMMNNMTT	MHRD	2019 15325	115000000
Manonmaniam Sundaranar University	CENTRE FOR INSTRUMENTAL FACILITY	GOVERNMENT OF TAMILNADU	2019 365	200000000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

1

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

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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)

IQAC has conducted a 6 day student induction programme during 1st July 2019 to 8th July 2019

IQAC has organized a two day administrative training on RTI on 25th and 26th July 2019

IQAC has organized one day seminar on National Education Policy on 26th July 2019

IQAC has conducted Pre and Post Academic Audit on 1st and 8th Nov 2019

Academic Review was conducted on 15th Nov 2019

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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
Seminar for Affiliated Colleges Jul-19	Conducted on 24th June 2019
Administrative Training Jul19	Conducted a training programme on RTI on 25th and 26th July 2019
Student Inducation Programme Jul-19	Conducted on 1st July 2019 to 8th July 2019
Faculty Development Programme Aug-19	Conducted a seminar on National Education Policy 2019
Training on E- Governance Aug-19	Conducted on 1st August 2019
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14. Whether AQAR was placed before statutory body ?

No

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

02-Mar-2020

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)

University has an automated examination management system called ExamPro which handles all the pre and post examination activities that includes the use of barcode for dummy number, personalized answer sheets, OMR, registration, result processing etc. The research section is semi automated and it manages the online admission and fee collection. The finance section uses the Public Financial Management System (PFMS) for accounting the centrally sponsored funds. The University Department Section uses the PFMS for scholarship processing. A module for tracking the tappal has been developed and it is in the testing phase. Also a module for incorporating the staff details has been developed and it is in the final phase. A Foxpro software is available in the Establishment (Billing) section which is used for preparing the salary bill of the employees. Further inhouse development of the departmental automation is going on.

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
MPEd	2601	Physical Education	28/06/2019
MA	2107	Tamil	28/06/2019
MA	2101	Economics	28/06/2019
MA	2102	English	28/06/2019
MEd	2701	Education	28/06/2019
MA	2103	History	28/06/2019
MA	2110	Journalism & Mass Communication	28/06/2019
MCom	2303	Accounting and Finance	28/06/2019
MBA	2201	Management Studies	28/06/2019
MA	2109	Sociology	28/06/2019

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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
MBA	Management Studies	28/06/2019	Entrepreneurship - NMSC25	28/06/2019
MA	Journalism and Mass Communication	25/03/2019	Media Production Techniques / NMCL31	25/03/2019
MA	Journalism and Mass Communication	25/03/2019	Creative and Technical Writing - NMECH	25/03/2019
MBA	Management Studies	28/06/2019	Business Analytics - NMSE31	28/06/2019
MBA	Management Studies	28/06/2019	Sustainability and Environmental Management - NMSE13	28/06/2019
MBA	Management Studies	28/06/2019	Executive Communication - NMSL11	28/06/2019
MBA	Management Studies	28/06/2019	Executive Communication - II - NMSL21	28/06/2019
MBA	Management Studies	28/06/2019	Executive Communication - III - NMSL31	28/06/2019
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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
MBA	Business Analytics	28/06/2019
PG Diploma	Social Work	01/07/2019
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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
PG Diploma	social work	01/07/2019

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
Mushroom culture and vermiculture	01/07/2019	26

Diary Food process and product Technology	01/07/2019	19
Applied Environmental Microbiology	01/01/2020	19
MOOCs online course as supportive course	01/07/2019	62
Employment Communication	27/01/2020	50
C.Lib.1.Sc	01/07/2019	15
Personality Development, Effective Communication, Youth Leadership	01/07/2019	28
Horticulture and Plant breeding	01/07/2019	33
Sociology of Marginalized Communities	01/07/2019	15
Programming in Python	01/12/2019	28

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Cyber Security II Year	17
MSc	Data Analytics II Year	9
MSc	Information Technology II Year (Project)	1
MSc	Cyber Security I Year	19
MSc	Cyber Security II Year (Project)	2
MSc	Cyber Security II Year	17
MCom	I Year Internships	30
MCom	II Year Projects	30
MA	Communication - Tamirabarani - Lab Journal - Field Based Project	16
MA	Communication - Video Project	16

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

Feedback Obtained

The feedbacks are collected through structured questionnaires by the University and also by individual departments from the stakeholders. After careful analysis by the Department of Statistics, Manonmaniam Sundaranar University, the reports are given to the appropriate Individuals / Departments / Authorities for planning the activities for further developments. The contents of the reports are discussed in detail in order to evolve developmental strategies. The development activities are concentrated on Academic Content and Delivery, Students' / Scholars' Progression, and infrastructure development of the University. Academic Content and delivery: New courses, including vocational, are introduced based on the requirements in the society, industry, and entrepreneurial / employment market. The syllabi are revised based on the feedback of the alumni and employer. The teachers utilize the ICT technologies for conducting the academic activities to enhance the understanding of the students. Transparent Continuous Internal Assessment is being followed in all the University departments. Students' / Scholars' Progression: The first 10 meritorious students in each integrated programme are financially supported with Rs. 2000 per month by the University. Competitive coaching and remedial coaching become a part of the departmental activity. Industrial / Institutional visits and training are arranged by the departments based on the interest of the students for improving their employability. Apart from the regular departmental activities, departments are actively involved in intimating the opportunities for Skill Development, Training, Research, Employment, and Entrepreneurship. Students' Union is empowered to conduct programme for student progression under the guidance of Department of Youth Welfare. Invited talks are arranged on emerging fields to create awareness on opportunities. The university encourage research scholars by providing a scholarship of Rs. 5000 per month to one research scholar from each department in the name of Bharat Ratna Dr. M.G.Ramachandran fellowship to encourage the full time scholars. Scholars are given awareness on various funding bodies for research and are motivated to apply for the same. On request, the laboratory services are extended to the students, scholars, and researchers of other institutions. Infrastructural Development of the University: Library remote access facilities are extended to all faculties and students of University Departments for accessing e-journals. On request, the remote access facilities are also extended to the needed from affiliated colleges of our University. Based on the requests of the students and scholars the Wi-Fi trees are built in the campus with electrical and internet facilities. For the convenience of the day scholars the public bus services are extended in to the campus. Moreover, the scheduled trips by the University vehicles make the movements easier for hostellers and other members within the campus. To increase the environmental friendliness, the bicycles are made available for the students with in the campus. Based on the request, the health centre with dedicated staff and Ambulance service are made available at the campus for 24 X 7. Hostel infrastructure, including mess services, are refined periodically based on the feedback of the hostel residents.

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
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MSc	Biotechnology (integrated)	38	178	38
MSc	Chemistry	24	119	24
MCom	Commerce (Integrated)	50	173	50
MA	English	30	133	31
MSc	Mathematics (Integrated)	38	143	38
MSc	Mathematics	30	159	30
Pharm D	Pharmacy	40	166	37
MSc	Physics (Integrated)	38	163	36
MSc	Physics	24	162	23
MSc	Marine Science (Integrated)	28	48	27
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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 (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	307	681	0	206	206

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
206	206	54	27	15	10

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Mentoring system with 1: 11 mentor - student ratio is available at University. Each mentor maintain a mentoring record and a class hour is allotted in the time table. During the hour mentor meets the students individually and carry out the counseling activities. During the counselling the mentor discuss the issues related to his understanding of subjects and also on the other matters which affects his progress. Thus the progress of the students are monitored continuously.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2244	206	1:11

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
163	206	0	75	173

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
2020	Dr. V. Balamurugan	Professor	Chair Person, Technical Session, IEEE International Conference on Emerging Trends in Information Technology and Engineering, 24 - 25th February 2020
2020	Dr.Y.Srinivas	Professor	Member, BoS, Osmania University, Hyderabad
2019	Dr.Y.Srinivas	Professor	DST Nominee for recruitment of JRF selection, DST-MoES, Govt.of India
2019	Dr.C.Durai	Assistant Professor	"Award of Excellence for the Promotion of Physical Education and Sports Sciences in Republic of India" award received from Asia Africa Development Council, Council for Sustainable Peace and Development in the year 2019 at Kanniyakumari, 23 Aug 19
2019	Dr.S.Arumugam	Assistant Professor	Best Teacher Award - "Award of YUVASHREE in the recognition of achievement in the field of Sports" award received from Patanjali College of Yoga Research Centre, affiliated

			to International Yoga Federation - Yoga Alliance International 6 Oct 19
2019	Dr.P.Thangaraj	Assistant Professor	"Award of Excellence for the Promotion of Hockey in Tamilnadu" award received from Asia Africa Development Council, Council for Sustainable Peace and Development in the year 2019 at Kanniyakumar during 2nd 3rd August 2019
2019	Dr. S. Shailajha	Assistant Professor	Elite Gold medal (Topper) in NPTEL-SWAYAM Online Course
2019	Dr. V. Sabarinathan	Assistant Professor	Symposium financial assistance from SERB (SSY/2019/0005 19)
2019	Dr. V. Sabarinathan	Assistant Professor	Workshop partial financial assistance from Tamil Nadu State council for Science and Technology (RNSC ST/PFA/S SWNRT 2 I 2019 -2020t9067)
2019	Dr. P. Arumugam	Professor	Sirantha Kalviyalar Award-2019, awarded by Ameeraga Tamil Cultural Association -UAE Dubai Tamil Sangam, Dubai
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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
MPEd	16S	3	19/11/2019	13/12/2019

MBA	1036	4	29/09/2020	03/10/2020
MBA	1036	3	26/11/2019	13/12/2019
MA	1035	4	28/09/2020	04/10/2020
MCom	1046	4	28/09/2020	04/10/2020
MCom	1046	3	23/11/2019	29/12/2019
MSc	16K4	2	28/09/2020	04/10/2020
MSc	16K4	1	21/11/2019	04/12/2019
MSc	16ZO	4	28/09/2020	04/10/2020
MSc	16ZO	3	21/11/2019	13/12/2019

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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	3166	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)

<https://www.msuniv.ac.in/Download/Pdf/0d11a6c85482417>

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
ENNG	MA	ENGLISH	28	28	100
1036	MBA	MASTER OF BUSINESS ADMINISTRATION	55	55	100
1046	MCom	ACCOUNTING AND FINANCE	28	28	100
1053	MPed	EDUCATION	18	17	94.4
16CS	MSc	COMPUTER SCIENCE	28	28	100
16M4	MSc	MATHEMATICS	28	28	100
17MI	BSc	MATHEMATICS	27	27	100
MPMA	MPhil	MATHEMATICS	30	30	100
MPEN	MA	ENGLISH	29	29	100
17PI	BSc	PHYSICS	27	27	100

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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)

<https://www.msuniv.ac.in/Download/Pdf/6edc2b52a8e249c>

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
International	0	0	Nil	Not Applicable
National	0	0	Nil	Not Applicable

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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
JRF	1825	DBT
Bharath Ratna Dr. M.G. Ramachandran Fellowship	1095	Manonmaniam Sundaranar University
Basic Scientific Research Fellowship	1825	UGC
Project Fellow	1825	UGC SAP
Junior Research Fellowship	1825	UGC SAP
Senior Research Fellowships	1825	DST SERB
Research Associate	730	PMMNMTT
Research Associate	730	ICMR
Shri Abdul Kalam Fellowship	1095	DST IIG
Kothari PDF	1825	UGC

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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	1825	UGC	59	30
Major Projects	730	ICSSR	5	2
Major Projects	730	ICSSR	8.6	3.2
Major	730	ICSSR	8	4

Projects				
Major Projects	1825	DBT, Ministry of Science Technology, New Delhi	88	3.93
Major Projects	1095	DST-SERB	45.77	8.5
Major Projects	1825	MHRD	1150	136
Major Projects	1095	DST-SERB	9.93	4
Major Projects	730	DST-SERB	15.74	5
Major Projects	1825	UGC-SAP	65	0
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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
NIL	NIL	Nil
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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
NIL	NIL	NIL	Nil	NIL
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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
Floriculture incubation centre	Dr. P. Ravichandran	Government of Tamilnadu	NIL	NIL	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
ANIMAL SCIENCE	4
BIOTECHNOLOGY	2
CITE	4
CMST	4
CHEMISTRY	4
COMMERCE	21

COMMUNICATION	4
COMPUTER SCIENCE AND ENGINEERING	11
CRIMINOLOGY	3
ECONOMICS	1
EDUCATION	15
ENGLISH	9
HISTORY	18
LIBRARY	11
MBA	9
MATHEMATICS	12
PHYSICAL EDUCATION SPORTS	5
PHYSICS	3

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)
International	Chemistry	26	Nil
International	Centre for Marine Science and Technology	17	Nil
International	Computer Science and Engineering	71	Nil
International	Mathematics	52	Nil
International	Physics	45	Nil
International	Sri Paramakalyani Centre for Environmental Science	34	Nil
International	Commerce	11	Nil
International	Animal Science	7	Nil
International	Biotechnology	6	Nil
International	Geotechnology	6	Nil

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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
LIBRARY	4
ENGLISH	1
EDUCATION	3
CRIMINOLOGY	1
COMPUTER SCIENCE AND ENGG.,	3
COMMERCE	12
CHEMISTRY	2

CMST	15
CITE	1
BIOTECHNOLOGY	5
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Mobility Assisted OTA Working Out for Backscatter Sensor Networks Using Machine Learning (Dr.T.Arumuga Maria Devi)	Published	25/2020	19/06/2020
Compact MIMO Antenna for Radar Applications and Method of design thereof (Dr.C.Divya)	Published	51/2019	20/12/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

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
Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: A systematic analysis for the Global Burden of Disease Study 2016	James S.L., Bannick M.S., Montjoy-Venning W.C., Lucchesi L.R., Dandona L., Dandona R., Hawley C., Hay S.I., Jakovljevic M., Khalil I., Krohn K.J., Mokdad A.H., Naghavi M., Nichols E., Reiner R.C.,	The Lancet Neurology	2019	141	Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA, United States Department of Health Metrics Sciences, University of Washington, Seattle, WA, United States Department of Anesthesiology and Pain	141

	Smith M., Feigin V.L., Vos T., Murray C.J.L., Sunshin				Medicine, University	
Global, regional, and national burden of suicide mortality 1990 to 2016: Systematic analysis for the Global Burden of Disease Study 2016	Orpana H.M., Marczak L.B., Arora M., Abbasi N., Abdulkader R.S., Abebe Z., Abraha H.N., Afarideh M., Afshari M., Ahmadi A., Aichour A.N., Aichour I., Aichour M.T.E., Akseer N., Alraddadi R.M., Alahdab F., Alkerwi A., Allebeck P., Alvisguzman N., An	BMJ (Online)	2019	25	Applied Research Division, Public Health Agency of Canada, Ottawa, ON, Canada School of Psychology , University of OttawaON, Canada Institute for Health Metrics and Evalua tion, University of Washing ton, Seattle, WA, United States Montreal Neuroimag	25
Smokeless tobacco use is replacing the smoking epidemic in the South-East Asia region	Sulianka tchi R.A., Sinha D.N., Rath R., Aryal K.K., Zaman M.M., Gupta P.C., Karki K.B., Venugopal D.	Nicotine and Tobacco Research	2019	11	Ekhlaspur Center of Health (ECOH), Chandpur, Bangladesh Healis - Sekhsaria Institute for Public Health, Mumbai, India Nepal Health Research Council,	11

					Government of Nepal, Kathmandu, Nepal Department of Statistics, Manonmaniam Sundaranar University	
Green synthesis of gold nanoparticles using Croton Caudatus Geisel leaf extract and their biological studies	Vijaya Kumar P., Mary Jelastin Kala S., Prakash K.S.	Materials Letters	2019	21	Department of Chemistry, St. Xaviers College (Autonomous), (Affiliated to Manonmaniam Sundaranar University, Tirunelveli), Palayamkottai, Tamilnadu 627002, India Department of Chemistry, Bharathidasan Government College For Women (Autonomous) (Aff	21
In Vivo Type 2 Diabetes and Wound-Healing Effects of Antioxidant Gold Nanoparticles Synthesized Using the Insulin Plant Cham aecostus cuspidatus in Albino	Ponnanikajamideen M., Rajesh kumar S., Vanaja M., Annadurai G.	Canadian Journal of Diabetes	2019	16	Environmental Nanotechnology Division, Sri Paramakalyani Centre for Environmental Sciences Manonmaniam Sundaranar University, Alwarkurichi, Tamilnadu, India	16

Rats					Department of Pharmacology, Saveetha Dental College and Hospitals, SIMATS, Chennai, Tamilnad	
Smokeless tobacco use is replacing the smoking epidemic in the South-East Asia region	Sulianka tchi R.A., Sinha D.N., Rath R., Aryal K.K., Zaman M.M., Gupta P.C., Karki K.B., Venugopal D.	Nicotine and Tobacco Research	2019	11	Saudi Board of Community Medicine, Ministry of Health, Riyadh, Saudi Arabia WHO FCTC Global Knowledge Hub on Smokeless Tobacco, National Institute of Cancer Prevention and Research, Noida, India Centre for Community Medicine, All India Institute of	11
Abundance, characteristics and surface degradation features of microplastics in beach sediments of five coastal areas in Tamil Nadu, India	Sathish N., Jeyasanta K.I., Patterson J.	Marine Pollution Bulletin	2019	31	Suganthi Devadason Marine Research Institute, Tuticorin (Manonmani am Sundaranar University, Tirunelveli, India	31

Green synthesis derived Pt-nanoparticles using Xanthium strumarium leaf extract and their biological studies	Kumar P.V., Jelastin Kala S.M., Prakash K.S.	Journal of Environmental Chemical Engineering	2019	10	Department of Chemistry, St. Xaviers College (Autonomous) (Affiliated to Manonmaniam Sundaranar University, Tirunelveli), Palayamkottai, Tamil Nadu, 627002, India Department of Chemistry, Bharathidasan Government College for Women, Muthialpet, Pudu	10
Aspergillus flavus (Link) toxins reduces the fitness of dengue vector Aedes aegypti (Linn.) and their non-target toxicity against aquatic predator	Vasanthan P., Srinivasan P., Karthi S., Chellappan M., Ponsankar A., Thanigavel A., Senthil-Nathan S., Chandramohan D., Ganesan R.	Microbial Pathogenesis	2019	21	Department of Biotechnology, St. Peters Institute of Higher Education and Research, Avadi, Chennai, Tamil Nadu 600 054, India Division of Biopesticides and Environmental Toxicology, Sri Paramakalyani Centre for Excellence in Environmental Sciences	21

Green synthesis of iron oxide nano particles using Avicennia marina flower extract	Karpagavinayagam P., Vedhi C.	Vacuum	2019	36	V.O. Chidambaram College, Tuticorin - 628 008, affiliated to Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli, Tamilnadu 627 012, India	36
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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 excluding self citation	Institutional affiliation as mentioned in the publication
Aspergillus flavus (Link) toxins reduces the fitness of dengue vector Aedes aegypti (Linn.) and their non-target toxicity against aquatic predator	Vasanthan P., Srinivasan P., Karthi S., Chellappan M., Ponsankar A., Thanigaivel A., Senthil-Nathan S., Chandramohan D., Ganesan R.	Microbial Pathogenesis	2019	10	21	Department of Biotechnology, St. Peters Institute of Higher Education and Research, Avadi, Chennai, Tamil Nadu 600 054, India Division of Biopesticides and Environmental Toxicology, Sri Paramakalyani Centre for Excellence in Environmental Sciences
Ala-genin thiocin, a new broad spectrum thiopeptide	Iniyana A.M., Sudarman E., Winkler J., Kannan R.R.,	Journal of Antibiotics	2019	10	10	International Centre for Nanobiotechnology (ICN),

antibiotic , produced by a marine Streptomyces sp. ICN19	Vincent S.G.P.					Centre for Marine Science and Technology (CMST), Manonmaniam Sundaranar University , Rajakkamangalam-629502, Kanyakumari District, Tamil Nadu, India Microbial Strain Collection,
Green synthesis of iron oxide nanoparticles using Avicennia marina flower extract	Karpagavinayagam P., Vedhi C.	Vacuum	2019	10	36	V.O. Chidambaram College, Tuticorin - 628 008, affiliated to Manonmaniam Sundaranar University , Abishekpatti, Tirunelveli, Tamilnadu 627 012, India
Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: A systematic analysis for the Global Burden of Disease Study 2016	James S.L., Bannick M.S., Montjoy-Venning W.C., Lucchesi L.R., Dandona L., Dandona R., Hawley C., Hay S.I., Jakovljevic M., Khalil I., Krohn K.J., Mokdad A.H.,	The Lancet Neurology	2019	10	141	Institute for Health Metrics and Evaluation, University of Washington, Seattle, WA, United States Department of Health Metrics Sciences, University of Washington, Seattle, WA, United States

	Naghavi M., Nichols E., Reiner R.C., Smith M., Feigin V.L., Vos T., Murray C.J.L., Sunshin					States Department of Anesthesiology and Pain Medicine
Smokeless tobacco use is replacing the smoking epidemic in the South-East Asia region	Sulianka tchi R.A., Sinha D.N., Rath R., Aryal K.K., Zaman M.M., Gupta P.C., Karki K.B., Venugopal D.	Nicotine and Tobacco Research	2019	10	11	Saudi Board of Community Medicine, Ministry of Health, Riyadh, Saudi Arabia WHO FCTC Global Knowledge Hub on Smokeless Tobacco, National Institute of Cancer Prevention and Research, Noida, India Centre for Community Medicine, ALMS
Global, regional, and national burden of suicide mortality 1990 to 2016: Systematic analysis for the Global Burden of Disease Study 2016	Orpana H.M., Marczak L.B., Arora M., Abbasi N., Abdulkader R.S., Abebe Z., Abraha H.N., Afarideh M., Afshari M., Ahmadi A., Aichour A.N., Aichour	BMJ (Online)	2019	10	25	Applied Research Division, Public Health Agency of Canada, Ottawa, ON, Canada School of Psychology, University of Ottawa ON, Canada Institute for Health Metrics

	I., Aichour M.T.E., Akseer N., Alraddadi R.M., Alahdab F., Alkerwi A., Allebeck P., Alvisg uzman N., Anbe					and Evalua tion, University of Washing ton, Seattle, WA, US
Green synthesis of gold na noparticle s using Croton Caudatus Geisel leaf extract and their biological studies	Vijaya Kumar P., Mary Jelastin Kala S., Prakash K.S.	Materials Letters	2019	10	21	Department of Chemistry, St. Xaviers College (A utonomous) , (Affilia ted to Man onmaniam Sundaranar University , Tirunelv eli), Pala yamkottai, Tamilnadu 627002, India Department of Chemistry, Bharathida san Government College For Women
In Vivo Type 2 Diabetes and Wound- Healing Effects of Antioxidan t Gold Nan oparticles Synthesize d Using the Insulin Plant Cham aecostus cuspidatus	Ponnanik ajamideen M., Rajesh kumar S., Vanaja M., Annadurai G.	Canadian Journal of Diabetes	2019	10	16	Environm ental Nano technology Division, Sri Parama kalyani Centre for Environmen tal Sciences M anonmaniam Sundaranar University , Alwarkur ichi, Tamilnadu,

in Albino Rats						India Department of Pharmac ology, Saveetha Dental College and Hospitals, SIMATS, Chennai, Tamilnad
Abundance, characteristics and surface degradation features of microplastics in beach sediments of five coastal areas in Tamil Nadu, India	Sathish N., Jeyasanta K.I., Patterson J.	Marine Pollution Bulletin	2019	10	31	Suganthi Devadason Marine Research Institute, Tuticorin (Manonmani am Sundaranar University, Tirunelveli, India
Green synthesis derived Pt-nanoparticles using Xanthium strumarium leaf extract and their biological studies	Kumar P.V., Jelastin Kala S.M., Prakash K.S.	Journal of Environmental Chemical Engineering	2019	10	10	Department of Chemistry, St. Xaviers College (Autonomous) (Affiliated to Manonmaniam Sundaranar University, Tirunelveli), Palayamkottai, Tamil Nadu, 627002, India Department of Chemistry, Bharathidasan Government College for Women,

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	116	318	86	48
Presented papers	139	86	14	9
Resource persons	4	136	34	38

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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)
PHYSICS	X-Ray diffraction Recording charges	DST-FIST	234535

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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
Dr. T. Citarasu Dr. M. Michael Babu, Centre for Marine Science Technology (CMST), Rajakkamangalam	Efficacy of some gut function modulators in preventing White Feces Disease in Litopenaeus vannamei culture	Ayurvet Ltd, Himachal Pradesh	80000	2

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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
Road Safety Awareness Programme	Consumers Club	28	96
National Blood donation Day	YRC, M.S. University	3	15
District Youth Parliament	NSS	1	6
World Pharmacist day celebration	M. S. University	7	75

25.09.2019 procession and Herbal tree planting			
Workshop on Restoration of Wetlands- Cross- linking from Scientific Approaches and community efforts	Manonmaniam Sundaranar Univeristy, Agasthyamalai Community Conservation Centre, Ashoka trust for Research in Ecology and the Environment -Bengaluru	60	30
Tree sapling planting activities Awareness on cracker free Diwali	SPKCES - MSU	5	71
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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
ICSI	Gold Medal for First Rank Holders among Affiliated college students in the Discipline of Commerce	ICSI	1
MOOCs Learning	NPTEL- A grade rating July -Dec. 2019 SPOC appreciation certificate (July -Dec. 2019 Jan. to Apr. 2020)	SWAYAM-NPTEL	640
Mentor	MOOCs	NPTEL	7
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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	MSU	Campus cleaning and maintenance	4	68
Swacch Bharat	MSU	Campus cleaning and maintenance	7	75
World	Consumer Club	Orientation	4	98

Consumer Day		for Consumer Rights		
Swachh Bharat	CMST	Coastal Clean-up	4	60
Swachh Bharat Scheme	NSS Unit	Cleaning of Campus and Plastic Products	4	60
World Environmental Day	NSS Unit	Tree Plantation of University campus	4	60
Awareness Programme on COVID-19	Tirunelveli City Police	Public Awareness Advertisement Videos	3	8
Swachh Bharat	Department of Education	University Campus Cleaning	6	35
Field visit	Department of Sociology SAP-DRS II	Field trip to Tribal Research Centre, Ooty during February 20-23, 2020	2	26
Swachh Bharat	NSS Unit No.167	Campus Cleaning	2	50
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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
Network Project	Dr. V. Manimekalai, SPC Courtallam	DBT	1095
All India network project	Dr. Shankar Raman, NCBS, Bangalore	MOEFCC	1095
Collaborative research	MSU-USDARS, USA	Individual	2190
One day Basic Training Programme on Human Rights	Students and Scholars	NHRC funded Rs 75,000/-	1
Two Day Workshop on Big Data Analysis: National Family Health Survey (NFHS) Data	Students and Scholars	SAP fund	2
Seminar	Students and Scholars	NCBH, Chennai	2
Workshop	Students and Scholars	Dept. Of Folklore, St. Xavier's College,	6

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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
Project work	Project work	Dr. S. M. Firdous, Associate Professor, Department of Pharmacology, Calcutta Institute of Pharmaceutical Technology Allied Health Sciences, Banitabla, Uluberia, Howrah, West Bengal	29/01/2020	31/03/2020	Sofia Khanam, Irfan Zainab
Sharing research facilities	Sharing research facilities	Department of Physics, National Institute of Technology, Tiruchirappalli, 620015, India	01/08/2019	31/12/2019	Esther Rubavathi
sharing of research facilities	Characterization	Annamalai university, Chidambaram	01/07/2019	31/10/2019	J. Henry
sharing of research facilities	Characterization Collaboration	CECRI, Karaikudi	01/07/2019	29/02/2020	T. Daniel
sharing of research facilities	Characterization Collaboration	V. O. C college, Tuticorin	01/07/2019	29/02/2020	T. Daniel
sharing of research facilities	Characterization Collaboration	Periyar University, Salem	01/07/2019	29/02/2020	V. Balasubramanian
sharing of research facilities	Characterization Collaboration	CECRI, Karaikudi	01/07/2019	29/02/2020	V. Balasubramanian

Internship	Industrial process observation	Koodankulam Nuclear Power Plant (KKNPP), Sakthinagar TamilNadu	22/01/2020	22/01/2020	M.Sc student
Internship	B.Tech. Project work	Department of Biotechnology, Udaya School of Engineering	01/01/2020	30/03/2020	M. Sahaya Jimsy
Internship	M.D. Homeo medicine	Sarada Krishna Homoeopathic Medical College	01/03/2020	31/05/2020	Dr .M.Navena
View File					

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
Government Tirunelveli Medical College, Tirunelveli.	04/07/2019	Mobile App for Stroke Patient	11
ICSI	08/09/2019	Conference and Seminars	148
IGNOU	19/07/2019	Educational Radio Broadcasting	30
Arba Minch University, Ethiopia	06/03/2020	Students Project, study	2
M.D.T Hindu College	04/04/2019	Exchange of students and research scholars for academic discussions	389
Govt Tirunelveli Medical College	08/07/2019	R D and academic contributions	5
Tirunelveli Govt Medical College	07/08/2019	R D and academic contributions	84
View File			

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
1623.24	1367.61

Existing	452	19	243	1	1	27	27	1	100
Added	37	0	0	0	0	0	0	0	0
Total	489	19	243	1	1	27	27	1	100

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

1 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
R.K.Krishnamurthy Media Complex	https://www.msuniv.ac.in/Academic/Department/Communication/Overview

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
3060.53	2644.31	1623.24	1367.61

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)

Maintenance procedures are well defined and made available at all the departments and sections. Laboratory manual is available at all the laboratories. Usage registers are maintained at all the places where students make use of it. User manual for all the equipment are made available and users are trained to handle it. Staff incharges are nominated to maintain all the equipment. Periodical maintenance schedules are available and its compliance is monitored regularly. The address of the vendors and service centres are available for easy contact. The warranty details are mentioned in the stock registers. Exclusive staff members are appointed for maintaining the campus infrastructures. Several equipment are maintained under the annual maintenance contract. The serviceability of the equipment is monitored regularly and a report is submitted to the higher officials. An exclusive section named construction and maintenance section is available where the stakeholders can register their complaints. There is a budget component for maintenance of the equipment.

<https://www.msuniv.ac.in/Download/Pdf/d49053cafcd146f>

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	Sundaranar Merit Scholarship Bharat Ratna DR. M. G. Ramachandran Centenary Fellowship Toppers	62	1962000

Financial Support from Other Sources			
a) National	BC/MBC/DNC Scholarship/DST/DBT/UGC	275	2146800
b) International	nil	0	4108800
View File			

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 implementation	Number of students enrolled	Agencies involved
Yoga	01/07/2019	65	CMST, Rajakkamangalam.
Mentors	01/06/2019	20	CMST, Rajakkamangalam.
Soft skill Development	02/07/2019	50	CITE
Bridge Course	09/07/2019	50	CITE
Bridge Courses	09/07/2019	50	Department of Commerce
Remedial Coaching for I M.Com (Integrated) Students	03/02/2020	9	Department of Commerce
Bridge Courses	01/07/2020	56	Experts from the local Media
orientation	15/07/2019	37	Department of Pharmaceuticals
Bridge Courses	03/07/2019	30	Department of Statistics
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	National Graduate Physics Examination	21	21	21	0
2019	Coaching	28	28	2	0
2019	UGC-NET Coaching	24	0	1	0
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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
Ramachandra textiles	42	26	Muthood Finance limited	14	6
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
2019	4	M. Sc.	Chemistry	Manonmaniam Sundaranar University	M. Phil.
2019	1	M.A.,	Communication	Govt. Law College	B.L
2019	2	M.A.,	Communication	Manonmaniam Sundaranar University	M.Phil.,
2019	1	M.Sc	CMST	Department of Microbiology, Pondichery University	Ph.D.
2019	1	M.Sc	CMST	Department of M.Sc, Pondichery University	Ph.D.
2019	7	M.Sc	Mathematics	Department of Mathematics, St.Xavier's College	M.Phil
2019	12	B.Sc	Mathematics	Manonmaniam Sundaranar University	M.Sc
2019	3	M.Sc.,	Dept. Of Statistics	Manonmaniam	Ph.D

				Sundaranar University	
2019	1	Int. B.Sc	SPKCEES	Bharathiyar University	MSc
2019	1	M.Com	Commerce	"St.Ignoius College of Education. Tirunelveli"	B.Ed
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	10
Civil Services	4
Any Other	3
View File	

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

Activity	Level	Number of Participants
Athletics	National	2
Weight Lifting	National	5
Swimming	State	4
Swimming	National	2
Kabaadi	National	7
Hockey	State	11
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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	FEINTUM' 20	National	1	Nill	PES0007	N.Kanaga Lakshmi
2019	FEINTUM' 20	National	1	Nill	PES0015P ES0015PES0 015	A.Mahendran
2019	FEINTUM' 20	National	1	Nill	PES0015	A.Mahendran
2019	FEINTUM' 20	National	1	Nill	PES0015	A.Mahendran
2019	FEINTUM' 20	National	Nill	1	PES0018	M.Vellammal
2020	Global	Internat	Nill	1	PES0002	Boomica.

	Diplomacy Amongst the Sovereign Nations" at Malaysia 2/1/2020	ional				M
2020	Global Goals Model United Nations "The Stand Where your Voice Matters" at Thailand	International	Null	1	PES0002	Boomica. M
View File						

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

The University has a student council which functions with the motto: Reunite, Renew, Reflect. The students are selected as office bearers in the council through election which is held annually. Youth parliament programme is conducted regularly and the students participates in it eagerly. Further, the bodies like Board of stuides, Internal Quality Assurance Cell, etc are represented by students. Also, the students are members in various clubs and associations, committees like Cultural Committee, Anti Ragging Committee, Discipline Committee, Mano Day sports committee, Film Festival Committee, etc. Their views at the meeting are carefully considered for the improvement of the University. Vice Chairman of University Students Council was elected. Executive Member of University Students Council was elected Every Board of Studies (BOS) in each programme (PG/Integrated PG/M.Phil.) has the members with (i) current year meritorious student and alumni student of the department in each programme Student representatives are elected democratically from each class and they perform activities as the executive council members of the student council of the University One of our students, Ms. Amrutha of II MA English was elected as Secretary of the Student Council and she is responsible in the successful conduct of various cultural activities in the University. Youth Parliament was also successful and she was one participant and she encouraged many others also to participate.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A registered Alumni Assocation is available at M.S.University since 2017. The objectives of the association is bring the old students to come under one umbrella. A whatsapp and facebook group is also made available. Alumni meet is regularly conducted every year.

5.4.2 – No. of registered Alumni:

10000

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

5.4.4 – Meetings/activities organized by Alumni Association :

One meeting during graduation day has been arranged The following amenities are sponsored by CITE alumni: i. Air Conditioning Facility of the Seminar Hall (100 Seat Capacity) Sponsored by our Alumna Dr.R.Anusha Ph.D, CEO, Park Group of Institutions, Coimbatore. ii. Front Lawn Facility Sponsored by Alumna Dr.S.Saudia, Assistant Professor, CITE, MS University, Tirunelveli. iii. Oval Shaped Marbonite Lawn Bench Sponsored By Alumna Mrs.J.Subha, Research Scholar, CITE, MS University, Tirunelveli. iv. Oval Shaped Marbonite Lawn Benches sponsored by M.Tech, CITE Alumnus Mr.Sandeep and Alumna Mrs.Asathy. v. 13 Book Shelves Sponsored by M.Tech. CITE Alumni vi. Stair-Case Shutter and Door Sponsored by M.Tech. CITE Alumni. vii. Portraits of 42 Computer and IT Scientists Sponsored by M.Tech. ICT Alumni viiii. 3 AirPort Chairs Sponsored by M.Phil. IT Alumni ix. Ladies Retiring Room amenities like Cots, Beds, Pillows, Bed sheets and First Aid Kits Sponsored by M.Sc. IT Alumni. 2. The students of M.Sc.IT (2016-2018), M.Phil IT (2017-2018) also attended the Alumni Meeting and enrolled in the Alumni Association. 3. CITE Alumni association has sponsored the amount of Rs.8000/- to the material preparation for the Two Weeks Rejuvenation Crash Course for UGC NET/JRF - 2019" 4. "Two Weeks Rejuvenation Crash Course for UGC NET/JRF -2019" was organised by our department and CITE Alumni Association from 6th May to 19th May 2019, MS University, Tirunelveli.

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)

The University is functioning based on the M.S. University act and statutes. The syndicate members are selected by the criteria mentioned in the Act and statutes. There is a participative management in the nomination of IQAC Members. Several committees such as Record Room Constitution Committee, AQAR Compilation Committee, Convocation committee, etc are constituted in which administrative and teaching staff members are the members. The administrative audit is conducted by the teaching and administrative staff members. Decentralization is achieved by nominating the IQAC liaison officers for the departments. Further the appointment of directors for MOOC and Online education makes it easy for the university in monitoring the online education. Several other directors are appointed to look after the administration.

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
Industry Interaction / Collaboration	The industry experts are included in the board of studies and their suggestions are incorporated in the curriculum. Lectures by the industry experts are organised regularly. An MOU has been signed with several industry like ICTACT, STPI.IIGM etc
Library, ICT and Physical Infrastructure / Instrumentation	A well established library is available and the faculty members and

	<p>students are provided with remote access facilities through which they can avail eresources from any where.</p> <p>The Urkund software facility is provided to all the faculty members for plagiarism checking.WiFi facility is provided to all the faculty members and students. A centralised instrumentation facility is planned to be developed.</p>
<p>Admission of Students</p>	<p>Admission Notification are published in all the leading dailies. 1 Education stalls are arranged at public places to explain the students and public about the courses offered and facilities available in the University. 2. All the applicants have to submit their application through Online to the Admission System. 3. Application forms are scrutinized buy the respective Department Expert Committee before allowing the applicant to appear for an entrance test / Admission Counseling . 4. Based on the marks obtained in the UG degree and Entrance test, for each P.G, programme offered by the department, separate Merit list, Selection list and Waiting list are prepared as per Tamil Nadu Government Reservation Policy and after getting approval of Honourable Vice Chancellor, the respective department can send the communication to the selected students. 5. Admissions are made in the P.G. Integrated Courses through Admission counseling based on the marks secured at Higher Secondary Exams. Separate Merit list, Selection list and Waiting list are prepared as per Tamil Nadu Government Reservation Policy and after getting approval of Honourable Vice Chancellor, the respective department can send the communication to the selected students.</p>
<p>Examination and Evaluation</p>	<p>The examination process is fully automated and being implemented successfully. Every process in examination is through online. Affiliated/ Government/ Constituent/ Autonomous colleges and University Departments: The colleges/ University Departments are connected with the University through a Online Software system. Right from capturing the fresh candidate's data, the Internal Assessment mark, Attendance of students etc., are being entered online through this software. Students: The candidates</p>

register for examination through online. Hall Tickets can be downloaded through the University Website. Bar coded Personalized Answer scripts are distributed. The results are published earlier. (Within two weeks from the date of last examination). The results are being published in the University website. Evaluation: The Examiners seniority is well maintained and updated. Centralized valuation is done for all UG/PG/M.Phil courses. Grade system is followed in publishing the results. The answer key and scheme of evaluation is prepared well in advance before the evaluation process starts and the evaluation is done according to the key prepared.

Teaching and Learning

Online Courseware, Webinars, Virtual labs, Video lectures. • Choice Based Credit System (CBCS) • Choice of NCGPA credits / Credit Transfer / MOOC equivalence • LTPS structure (Lecture: Tutorial: Practical: Self Study) • Modular course structure • Lab integrated with theory courses • Pre-requisites for elective courses • Uniformity in credits -- ? 140 credits for all UG programmes and ? 90 credits for all PG Programmes • 10 credits under Non CGPA for Professional Development • Opportunity for the students to gain additional credits through MOOC • Flexible -CBCS -Wide choice of electives • Inclusion of e-books, courseware, tutorial modules for each course • Inclusion of mini projects for courses • Modernization of labs to accommodate the latest trends in industries. • Optional Industry 2 industry internships • Online courseware for course • Online surveys, quiz, tutorials, tests, seminars etc., • HITS MOOC / Webinars • Virtual labs / Project Based learning / Flip classes • Opportunities for students to earn additional credits by taking up Value Added courses / Audit courses offered by the Training depart

Curriculum Development

Choice Based Credit System is adopted at University and all the programmes have choices and credits. Further the programme objectives, programme specific objectives, course objectives are available for all the programmes and courses. The Board of Studies include all the stake holders such as

students, alumni, industry experts, subject experts, etc. The curriculum is updated as and when necessary based on the changing scenerios in the environment. MOOC is included in the curriculum and the students are undergoing an NPTEL course in the third and fourth semesters.

Research and Development

- Any regular Professor of the University/College with at least five research publications in refereed journals inclusive of 2 publications in SSCI/SCI Journals (after Ph.D.) must be the eligibility criteria and any regular Associate / Assistant Professor of the University / Colleges with a Ph.D. degree with at least two research publications in SSCI/SCI Journals (after Ph.D.) must be eligibility criteria at the time of submitting his / her application will be recognized as Research Supervisor. They should have one year service in present institution.
- The applicant who is working in Self Finance Stream / Colleges should have at least two years total eligible service with two publications in SSCI / SCI Journals (after Ph,D.) shall be the eligibility criteria.

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

E-governace area	Details
<p>Planning and Development</p>	<p>The planning and development section is partially automated with e-governance features. The project proposals are submitted to funding agencies by online mode only. Receipt of grants and maintenance of funds are monitored electronically. Payments for purchase of equipments, chemicals and glassware are done through electronic mode and PFMS mode only. Further fellowships and assistantships for research scholars and field assistants, technical assistants are also done by electronic mode. Most of project reports, utilization certificates and statement of expenditures are sent to funding agencies by online mode. Thus, to the satisfaction of the funding agencies the section is administered by e-governance.</p>
<p>Administration</p>	<p>It is planned to integrate the various enterprise software that are used at several sections of the University into a single software. A</p>

	team has been identified to automate the administration.
Finance and Accounts	All the payments are being made through NEFT / RTGS / PFMS. The block grant from State Government and reimbursement grant from State Govt. are being obtained from IFHRMS. Funds from various funding agencies (i.e. UGC, DST, DBT, ICSSR, etc.), for Major / Minor projects and Schemes are received to through NEFT / RTGS / PFMS.
Student Admission and Support	An online admission system is implemented in April 2019 for the admission to the next academic year 201920.
Examination	The examination process is fully automated and being implemented successfully. Every process in examination is through online. The candidates register for examination through online. Hall Tickets can be downloaded through the University Website. Bar coded Personalized Answer scripts are distributed. The results are published earlier. (Within two weeks from the date of last examination). The results are being published in the University website. Evaluation: The Examiners seniority is well maintained and updated. Centralized valuation is done for all UG/PG/M.Phil courses. Grade system is followed in publishing the results. The answer key and scheme of evaluation is prepared well in advance before the evaluation process starts and the evaluation is done according to the key prepared.
Administration	Tracking the day-to-day tappal handled by various sections of the university

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
2020	Dr. K. Mohanraj	International conference on Advanced Materials Chemistry at the interfaces	DST SERB: EMR/2017/000351	14291

		of Energy, Environment and Medicine		
2020	Dr. K. Mohan	International conference on Applications of Smart Materials (ASM-2020)	DST SERB: EMR/2017/000351	Nil
2020	Dr. K. Mohan	International workshop-cum- conference on Smart Materials and their applications in Recent technologies (SMART-2020)	DST SERB: EMR/2017/000351	Nil
2020	Dr. K. Mohan	National conference on Advanced Materials for Energy applications (NCAMEA-2020)	DST SERB: EMR/2017/000351	Nil
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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)
2019	Two Days International Workshop on Cloud Accounting and GST	nil	24/09/2019	25/09/2019	90	17
2020	Two day Capacity Building Program on Outcome Based Education in the Digital Era	nil	24/01/2020	25/01/2020	50	Nil
2019	A ten day Workshop	nil	16/09/2019	25/09/2019	21	Nil

	on Advanced Research M ethodology for Social Science Teachers of higher education Institutio ns					
2019	A five day capacity building programme on e- content de velopment for teachers of higher education institutio ns	nil	15/07/2019	19/07/2019	24	Nil
2020	Capacity Building Workshop for Teachers of Higher Education on Computer Aided Drug Design, Centre for Teacher Resource and Academic Support , School of Education, PMMNMTT (an MHR D Project, G overnment)	nil	03/02/2020	04/02/2020	30	Nil
2020	National Workshop on Societal R esponsibil ity for Rural Deve lopment: Role of	nil	06/02/2020	06/02/2020	40	Nil

Science
Teacher

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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
One week Training on Counselling Skills	1	18/07/2019	24/07/2019	7
Three Day Faculty Development Programme on "Financial Time Series Analysis using R"	1	19/09/2019	21/09/2019	3
Refresher Course on "Mathematics, Statistics, Computer Science Astronomy (Interdisciplinary)"	1	17/02/2020	29/02/2020	14
NPTEL-AICTE Faculty Development Programme on Computer Aided drug Designing	1	01/08/2020	30/09/2020	84
Participated in Six Days International Faculty Development Programme on Technology and Emotional Enrichment organized by Department of Computer Applications, St.Xaviers College (Autonomous), Palayamkottai,	1	22/06/2020	28/06/2020	6
Faculty Development Programme on R	1	25/05/2020	29/05/2020	5

programming				
Refresher courses in Social Sciences	1	18/09/2019	01/10/2019	14
Participated in the Faculty Development Programme on "Research Methodology: Tools Techniques" Organised by IILM College of Engineering Technology	1	18/05/2020	22/05/2020	5
Participated in the UGC-Sponsored - Refresher Course in Management Business Studies conducted by UGC - Human Resource Development Centre, Bharathiar University held from 20.11.2019 to 03.12.2019 and both are obtained A grade.	2	20/11/2019	03/12/2019	14
UGC-Sponsored Refresher Course in Physics	2	13/02/2020	26/02/2020	14
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	87	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
New Health Insurance, Employee Provident Fund, Staff Quarters, Staff Bus, Health Centre, Day	New Health Insurance, Employee Provident Fund, Staff Bus, Health Centre, Day Care Centre,	Health Centre, Day Care Centre, Psychological Counseling, Ambulance

Care Centre, Psychological Counseling, Ambulance	Psychological Counseling, Ambulance, Recreational Tour for Women - employee
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6.4 – Financial Management and Resource Mobilization

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

Financial audit is being conducted regularly and audit certificate also issued by the Audit Department regularly.

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
Indian Bank, MSU Branch	50000	Conducting - All India Inter University Women Weight lifting championship
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6.4.3 – Total corpus fund generated

1187946000

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	No	Null	Yes	Syndicate
Administrative	No	Null	Yes	Syndicate

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

1. Motivates the affiliated colleges of this University to apply for recognition of colleges under section 2 (f) 12 (B) of the UGC Act, 1956 and to get the accreditation from NAAC, as these are prerequisites to apply for autonomous status. 2. As per the UGC guidelines (Autonomous Colleges) 2018, the affiliated colleges who have been functioning more than 10 years are motivated to apply for getting autonomous status. 3. As per UGC guidelines (Autonomous Colleges) 2018, this University forwards the application of the college for autonomous status nominates members to Expert Committee and to various Statutory Bodies of the autonomous colleges. 4. The STATUTES of this University emphasize that autonomy should be less a reward for good performance during the past but rather a means to achieve higher standard and greater creativity in the future 5.This University Statutes incorporate UGC's guidelines in motivating the affiliated Colleges to apply for autonomous status. 6. Further the G. Venkataswamy Naidu College has got Autonomous status from the academic year 2019-20

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

At present the PTA is functioning at departmental level. Efforts are being taken to establish a centralized association.

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

Yoga training is imparted to the supporting staff memebrrs. Staff meeting is

held regularly

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

Student Satisfaction Survey Pre Audit and Post Audit Meeting Implementation of MOOC in the curriculum

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	No

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
2019	A one day seminar on E-Governance	01/08/2019	01/08/2019	01/08/2019	97
2019	A six day student induction programme	01/07/2019	01/07/2019	08/07/2019	230
2019	A one day seminar on National Education Policy	26/07/2019	26/07/2019	26/07/2019	107
2019	A one day Capacity Building Programme on ICT Enablement for Effective Institutional E-Governance	24/06/2019	24/06/2019	24/06/2019	97
2019	A two day training on RTI	25/07/2019	25/07/2019	26/07/2019	60
2019	Academic Audit	09/11/2020	09/11/2020	10/11/2020	20
2019	Administrative Audit	04/11/2020	04/11/2020	05/11/2020	30
2019	Student Satisfaction Survey	12/11/2020	12/11/2020	15/11/2020	50

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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
International Women's day Celebration event (Lectures on gender discrimination, gender equality, women harassment were included in this program)	09/03/2020	09/03/2020	625	25
VR Krishna Iyer Endowment Lecture	28/02/2020	28/02/2020	60	18

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

? One MW solar power plant installed. The power generated by this plant is used for the whole Campus the excess/surplus electricity generated by this plant is surrendered to the POWER GRID for commercial electricity users. To a great extent minimizing the energy consumption and save costs on electric bills. ? Department of Criminology is generating power using wind energy Department of Statistics is generating power using solar energy

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	80
Ramp/Rails	Yes	1000
Braille Software/facilities	Yes	50
Rest Rooms	Yes	1400
Scribes for examination	Yes	20
Special skill development for differently abled students	Yes	200
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	advantages and disadvantages	and contribute to local community					
2019	1	1	24/09/2019	1	Clean Tamiraparani River mission	Awareness on Cleaning Tamiraparani River	97
2020	1	1	21/02/2020	1	Plastic free Tamilnadu	Creating awareness on proper disposal of plastic waste	60
View File							

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

Title	Date of publication	Follow up(max 100 words)
Manonmaniam Sundaranar University, Tirunelveli ACT 1990 STATUTES	29/08/2019	? All the proceedings and activity of the administrators, faculty members, and administrative staff are governed by these statutes. ? Any amendment to these statutes is implemented by the syndicate approval only.
Rules regulations of Gents Hostel	30/06/2019	? The code of conduct (handbook) is provided along with the Hostel admission form ? The students and parents consent is obtained to follow this code of conduct ? Any violators or defaulters of this Code of Conduct are subjected to disciplinary action
Rules regulations of Ladies Hostel	30/06/2019	? The code of conduct (handbook) is provided along with the Hostel admission form ? The students and parents consent is obtained to follow this code of conduct ? Any violators or defaulters of this Code of Conduct are subjected to disciplinary

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Students Induction Program	01/07/2019	08/07/2019	225
View File			

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

? Waste or garbage is segregated at the source into decomposable and non-decomposable. Compositing of biodegradable waste is carried out by vermicomposting. The manure generated is used for the campus garden plants and for commercial sales. ? Rainwater harvesting facilities have been established in almost all buildings of the University ? Many staffs as well as students are voluntarily using bicycles inside campus and faculty from remote places use carpool systems. ? Plastic free campus campus has implemented Ban on the usage of polythene covers inside the campus. ? Ex-situ conservation of RED listed plants in Green house conditions. ? Reuse of waste water for cultivation of plants excess drainage water from the ladies hostels is used for watering the plants surrounding the nearby areas of the hostel. The campus has green landscaping with trees and plants, most departments maintain green Environment around the department.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

? Ex-situ conservation of RED listed plants in Green house conditions. ? Plastic free campus campus has implemented Ban on the usage of polythene covers inside the campus. ? Reuse of drainage waste water for cultivation of plants from the ladies hostels for watering the plants surrounding the nearby areas of the hostel.

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

<https://www.msuniv.ac.in/Academic/Department/PlantScience/Photos>

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

The vision of the University is To provide quality education to reach the un-reached through the Directorate of Vocational Education University caters skill based vocational courses to the students of Rural villages and students in the out skirts of the cities through its Vocational Skill Development Centres (72 centres) and Community Colleges (22 Nos). Through this Community colleges and Vocational Skill Development Centres imparting job oriented skill based courses to get employment and to develop entrepreneurial courses (approximately 40 courses are offered).

Provide the weblink of the institution

<https://www.msuniv.ac.in>

8.Future Plans of Actions for Next Academic Year

1. To create an endangered plants/ RED LISTED plants conservation Astro Medicinal Park and Star Garden 2. To create a National Facility for disease free Marine Larvae of marine Cultivable animals. 3. To establish the BRICS Biomed

Centre Indian campus at MSU off campus. 4. To create a Centre of excellence in Vocational Skill Development program implementation. 5. To establish Renewable Energy Park and Centre for Biofuels. 6. To Implement the Local community Radio project with BECIL approval. 7. To create Incubator and start-ups for promotion of agriculture based business.