Yearly Status Report - 2018-2019

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	**Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli**
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.	**04622338632**
Mobile no.	**9486240097**
Registered Email	**bala_vm@msuniv.ac.in**
Alternate Email	**iqac@msuniv.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.msuniv.ac.in/IQAC/Activites/AQAR

4. Whether Academic Calendar prepared during the year

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/images/academic/academic_affairs

5. Accrediation Details

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

6. Date of Establishment of IQAC

28-Sep-2004

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

Departmental IQAC Liaison Officers Meeting	23-Apr-2019 1	27
Internal Administrative Audit	13-Feb-2019 7	300
Administrative Review Meet	03-Apr-2019 1	27
A one day capacitiy building programme on ICT Enablement for Effective Institutional Governance	24-Jun-2019 1	75
A Two day programme on Tamilnadu Office Procedure and University Practices	09-Mar-2019 2	38
A one day sensitization programme on Revised NAAC Accreditation Framework	29-Nov-2018 1	97
A one day Seminar on E - Procurement	21-Aug-2018 1	61

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

[View Uploaded File]()

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
CSE	SAP DRS II	UGC	2018 1825	5900000
Physics	DST-SAP-II	UGC	2016 1825	6500000
Sociology	UGC SAP DRS – II	UGC	2018 1825	2800000
Chemistry	DST-FIST	DST	2014 1825	10300000
[View Uploaded File]()				

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 :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional	Yes

website	
Upload the minutes of meeting and action taken report	<u>View Uploaded File</u>
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)

Internal Administrative Audit have been conducted in the month of March 2019

Administrative Review was held on 3rd April 2019 and compliance reports have been obtained.

A two day training programme have been organised on 9th and 16th March 2019 for the benefit of newly inducted administrative staff members. A one day training programme have been conducted on E- Procurement on 21st Aug 2018

A senistisation programme has been conducted on Revised NAAC Accreditation Process on 29th Dec 2018 for the benefit of Affiliated colleges.

Participation in NIRF and ARIIA Ranking and positioned in 93 among the University category.

<u>View Uploaded File</u>

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
Training Programme for Administrative Staff Members	**To enhance the efficiency of staff members, a two day training programme have been organised on 9th and 16th March 2019 for the benefit of newly inducted administrative staff members. A one day training programme have been conducted on E Procurement on 21st Aug 2018**
Conduct of Sensitization Programme on Revised NAAC Accreditation Process	**To fulfill the UGC quality mandate a senistisation programme has been conducted on Revised NAAC Accreditation Process on 29th Dec 2018 for the benefit of Affiliated colleges.**
Capacity building programme for the academic leaders	**A capacity building programme for the academic leaders on ICT enabled effective egovernance was organised to create awareness about the Management Information System**

Conduct of Administrative Audit	Internal Administrative Audit and Administrative Review (3 Apr 2019) have been conducted in the month of March 2019 to monitor the process quality.
View Uploaded File	

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 ?	Yes
Date of Visit	03-Sep-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	28-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	MIS have been introduced in the following sections: 1. Controller of Examinations 2. College Development Council 3. University Department Section 4. Research Section 5. Board of Studies. The modules of MIS are: 1. Online Registration of Students by colleges 2. Online application for registration of examination 3. Fee Payment Module 4. Internal Marks Entry 5. Hall Ticket Generation 6. Answer sheets Scanning Module 7. Bar Coding Module 8. Result Publication Module 9. SMS Module 10. CDC Module 11. BOS Module 12. UDS Module 13. COE Dashboard, 14. Revaluation Module, etc. The automated systems performs the end to end automation from online registration to examination result declaration. As a result of the automation the results are published in a short span of time and the examination process is in control. Bar coded personalised answer sheet is supplied to students to avoid the manual dummy number allocation. Photostat answer sheets can be obtained by student by paying the prescribed

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
MSc	2522	Energy Science	06/01/2018
MSc	2527	Criminology	21/12/2018
MPhil	MPPP	Renewable Energy Science	01/06/2018
MA	2107	Tamil	01/06/2018
MA	2102	English	01/06/2018
MSc	16A5	Environmental Science	01/06/2018
MSc	2110	Communication	01/06/2018
PG Diploma	DGS	Goods & Service Tax	21/12/2018
PG Diploma	5501	Renewable Energy and Management & Auditing	01/06/2018
[View Uploaded File](#)			

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
MSc	Data Analytics	09/07/2018	18DA	09/07/2018
PG Diploma	Renewable Energy	14/06/2019	MOOC Course in NPTEL	11/11/2018
[View Uploaded File](#)				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Integrated(PG)	Commerce	02/07/2018
PG Diploma	Renewable Energy Science	01/06/2018
MPhil	Library Science	07/02/2018
MLibISc	Library Science	07/02/2018

BLibSc	Library Science	07/02/2018
MSc	Data Analytics	27/08/2018
View Uploaded 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	Data Analytics	27/08/2018

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
CITE	11/12/2018	49
Renewable Energy Science	11/12/2018	12
Post Graduate Diploma in Financial Management (PGDFM)	02/07/2018	30
Computer for Digital Era	01/08/2018	30
Post Graduate Diploma in Goods and Service Tax (PGDGST)	02/07/2018	30
MOOCs online course as supportive course.	11/12/2018	30
INTRODUCTORY TAMIL	20/06/2019	26
Introduction to R software	04/10/2019	20
View Uploaded 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
MSc	chemistry	2
MA	economics	10
MSc	Applied Geophysics	7
MBA	Business Aministration	55
MSc	Pharmaceutical Chemistry	14
MPEd	Physical Education and Sports	18
MSc	Physics	2
MSc	Animal Science	4
MA	Criminology & Criminal Justice	29
MA	Education	12

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
Feedback from the students are collected from the University Department Section and it is analyzed by the Department of Statistics. The feed back contains 10 criterions on the following titles: 1. The teacher comes to the class punctually 2. The coverage of the syllabus 3. The teacher teaches the concepts interestingly with elaborate examples 4. The teacher encourages discussion during teaching 5. The teacher maintains discipline in the class effectively 6. The teacher facilitates the overall personality development of students 7. The teacher – student relationship 8.The teacher's evaluation of assignments and test paper 9. The teacher gives feedback on the performance is tests/seminars/assignments10. The teacher gives individual Guidance / Counseling. Five point scaling is used for evaluation. The analyzed feedback is submitted to the Head of the Institution and a copy is handed over to the concerned faculty members for the corrective actions. Though it is not reflected in their career advancement system the teachers take it seriously and correct themselves. A registered alumni association conducts a meeting annually and collect the feedback from the alumni. The suggestions are reported at the HOD meet and taken for corrective action. Similarly the feedback proforma is sent to the employers and the reply is analyzed by the Head of the departments and discussed in the staff meeting. The feedback from the employers are considered in the syllabus revision. The feedback on the parents are considered while improving the infrastructures.

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
Integrated(PG)	Chemistry	24	52	18
MA	Communication	20	26	20
Integrated(PG)	Commerce (Integrated)	40	96	40
MCA	Computer Applications	54	98	54
Integrated(PG)	Mathematics (Integrated)	28	127	28
MSc	Mathematics	30	162	30

MBA	Business Administration	60	122	60
Pharm D	Pharmaceutical chemistry	40	151	40
Integrated(PG)	Physics	28	63	28
MA	English	30	115	31
[View Uploaded 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 (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
2018	417	558	36	73	53

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	Numberof smart classrooms	E-resources and techniques used
109	109	10	47	38	42000
[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 at Manonmaniam Sundaranar University is functioning well with 1:20 mentor – mentee ratio (maimum). The mentors maintain the details regarding their mentees and monitor them continuously. The mentors meet the mentees at regular intervals and ask their problems related to teaching and learning. They provide necessary tips for overcoming the difficulties. A full time psychological counsellor is also available in the psychological counselling centre for serving the students. Mentor plays a vital role in the forwarding of their request/applications.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1972	109	1:18

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
151	109	42	0	103

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	Designation	Name of the award,

Year	Name of the faculty receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. K. Swarnalatha	Associate Professor	Woman Achiever Awards from Centre for Women Empowerment and Women Studies, M S U, Tirunelveli.
2018	Dr.C.Durai	Assistant Professor	Professional Life Member of International Federation of Physical education, Fitness and Sports Science Associations
2018	Dr.S.Arumugam	Assistant Professor	Professional Life Member of International Federation of Physical education, Fitness and Sports Science Associations
2018	Dr.S.Sethu	Assistant Professor	Received best article award by Tamil Nadu Physical Education and Sports University, Chennai
2018	Dr. A. Loganathan	Professor	Higher Education (XIIth Std.) Text Book Written Member in State Council of Educationa Research and Training, Chennai.
2018	Dr. K. Senthamarai Kannan	Professor	Higher Education (XIIth Std.) Text Book Written Member in State Council of Educationa Research and Training, Chennai.
2019	Dr.G. Stephen	Professor	NTA Delhi, NET Question Setting
2018	Dr. A. G. Murguesan	Professor	National Award for Technology innovation-union ministry of chemicals fertilzers-from the vice president of india

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
MSc	2504	IV / II	12/04/2019	22/06/2019
MSc	2506	II / I	22/04/2019	31/05/2019
ME	7101	IV / II	22/04/2019	31/05/2019
Integrated(PG)	2532	III / II	03/12/2018	29/12/2018
MPEd	16S	IV / II	28/11/2018	05/03/2019
PG Diploma	5501	II / I	29/11/2018	22/12/2018
MEd	2701	II / I	02/05/2019	31/05/2019
MBA	1036	IV / II	16/05/2019	31/05/2019
MSc	2524	II / I	13/05/2019	31/05/2019
MA	2017	III / II	27/11/2018	22/12/2018

[View Uploaded File](#)

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
48	1972	2.5

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/Academic/Department/

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
2537	MSc	Environmental Science	30	30	100
2701	MEd	Education	17	15	89
2527	MSc	Criminology	29	29	100
2529	MSc	Statistics	24	24	100
17PI	Integrated (PG)	Physics	24	22	92
1036	MBA	Management	57	39	69

		Studies			
2103	MA	History	16	14	85
2102	MA	English	30	30	100
2543	Integrated (PG)	Chemistry	63	47	74
2515	MSc	Mathematics	29	21	73
View Uploaded 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)

https://www.msuniv.ac.in/Download/Pdf/aa2675d28bea4b0

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	Dr.K. Selvakumar	Asia Pacific: Open Arms Travel Grant to attend ICM 2018, Rio de Janerio, Brazil	09/08/2018	International Mathematics Union
View Uploaded 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
CSIR Research Associate	730	CSIR, New Delhi
Bharat Ratna MGR Fellowship	730	Manonmaniam Sundaranar University
UGC-JRF	730	UGC
RUSA (RI)	730	RUSA (RI)
Research/Field Assistant	365	ICSSR
Dr APJ Abdul Kalam Fellowship	1095	Indian Institute of Geomagnetism
Dr. D. S. Kothari Post doctoral fellowship	1825	UGC
CJCT (Centralized Institute of Classical Tamil)	365	CJCT
DST Project Fellow	730	DST / NPDF
View Uploaded 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, Ministry of Science Technology, New Delhi	8800000	393467
Major Projects	730	ICSSR, New Delhi	860000	320000
Major Projects	1095	DST-SERB GOI	3487000	994039
Major Projects	1095	DST-SERB	4577000	2832000
Major Projects	1825	UGC-SAP	5900000	380000
Major Projects	1825	MHRD	115000000	7500000
Major Projects	1825	UGC-SAP	6500000	495333
Major Projects	1095	DST-SERB-YSS	2892000	1600000
Major Projects	1095	SERB -DST	6187800	1500000
Minor Projects	180	MECON, Govt. of India	306000	306000
		View Uploaded 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
Startup – You Get Started	Management Studies	11/09/2018
Science Academies' Education Programme	Pharmaceutical Chemistry	05/07/2018
Work shop Science Communication Skills	Plant Science	20/07/2018
International Lecture Series	Plant Science	02/08/2018
Commercial Production of Bamboo through Biotechnological approaches	Plant Science	18/04/2019
One Day Seminar on Quality Research and Publications	Statistics	07/12/2018
Seven Days workshop on	commerce	12/11/2018

Research Methodology SPSS in Social Science.		
Capacity building for smart policing – A workshop on Victimology, Criminology and Criminal Justice	Criminology Criminal Justice	04/02/2019

[View Uploaded 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
A Reduction of the Reconstruction Conjecture	P. Devi Priya (Research scholar)	Dr. K. V. Rao Scientific society	11/05/2019	Young Scientist Award
A Reduction of the Reconstruction Conjecture	Dr. S. Monikandan (Associate professor)	Dr. K. V. Rao Scientific societyDr. K. V. Rao Scientific society	11/05/2019	Young Scientist Award

[View Uploaded File]()

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
NIL	NIL	NIL	NIL	NIL	Nill

[View Uploaded 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
Tamil	5
English	2
History	4
Commerce	7
Commmunication	5
Business Administration	2
Sociology	3
Education	9
Physical Education	3
Library and Information Science	1
Mathematics	9
Physics	5
Chemistry	1
Botany	1
Statistics	5

Marine Bio Technology	1
Computer Science	2
Computer Science Engineering	5
Microbiology	1
BioTechnology	2

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	24	20
International	Geo Technology	4	0.3
International	Statistics	19	2
International	English	2	3.9
International	SPK Centre for Environmental Sciences	51	48
International	Animal Science	7	2.54
[View Uploaded File](#)			

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
Animal Science	4
Physics	4
Physical Education and Sports	4
Education	8
commerce	4
Centre for Marine Science Technology	4
Plant Science	4
Library	8
History	4
Economics	4
[View Uploaded File](#)	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nill	0	Nill
[View Uploaded File](#)			

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
Effect	Palaniku	Fish and	2018	4	Centre	4

of Argemone mexicana active principles on inhibiting viral multiplication and stimulating immune system in Pacific white leg shrimp Lit openaeus vannamei against white spot syndrome virus	mar,P., D. Daffni Benitta, C. Lelin, E. Thirumalaikumar, M. Michael babu, and T. Citarasu,	Shellfish Immunology				for Marine Science Technology, Manonmaniam Sundaranar University	
Optical properties of Codium tomentosum seaweed like Bi2O3 nanostructure and its gas-sensing activity	Ahila, M. Subramanian, E. Padiyan, P athinettam D.	Ionics	2018	2		Manonmaniam Sundaranar Univ, Dept Phys, Tirunelveli 627012, Tamil Nadu, India	2
Bio pros pecting marine act inomycetes for multi-drug resistant pathogen control from Rameswaram Coastal area, Tamilnadu, India	Femina Wahab, Kalidass S ubramaniam	Archives of Microbi ology	Nill	2		Dept. of Animal Science, M. S. UnDept. of Animal Science, M. S. Univ ersityiver sity	2
Adsorption of Pb(II) from aqueous solution using a magnetic c hitosan/gr	Melvin S. Samuel Sk. Sheriff Shah, Jayanta Bh attacharya , Kalidass Subramania	Internat ional Journal of Biological Macromolec ules	Nill	19		Dept. of Animal Science, M. S. University	19

aphene oxide composite and its toxicity studies	m,N.D. Pradeep Singh					
Prognostic model based on image-based time-frequency features and genetic algorithm for fetal hypoxia assessment", Volume 99, Pages 85-97	V Subha, Z Cömert	Computers in biology and medicine	2018	10	Manonmaniam Sundaranar University	15
Physicochemical properties of anti Vibrio harveyi egg yolk antibody (IgY) and its immunological influence in Indian white shrimp Fenneropenaeus indicus	Kumaran, T., E. Thirumalaikumar, C. Lelin, P. Palanikumar, M. Michaelbabu and T. Citarasu,	Fish and Shellfish Immunology	2018	9	Centre for Marine Science Technology, Manonmaniam Sundaranar University	9
Arbuscular Mycorrhizal Fungi Diversity in Two Different Regions in Saudi Arabia	Fahad S. Albaqami , Saleh A. Sohaibani and Murugan Kasi	International Journal of Current Microbiology and Applied Sciences	2018	15	Department of Biotechnolog, Manonmaniam Sundaranar University , Tirunelveli, Tamil Nadu, India	15
Syntheses, physicochemical characterizati	Senthilkumar B, Senbagam, D, Murugan K, Selvam	Heliyon	2019	15	Department of Biotechnolog, Manonmaniam	15

Title of the Paper	Name of Author	Title of journal	Year of publication		Number of citations	Institutional affiliation
on, antibacterial studies on potassium morpholine dithiocarbamate nickel (II), copper (II) metal complexes and their ligands.	K, Rajesh S, Anbarasu K					Sundaranar University, Tirunelveli, Tamil Nadu, India
Synthesis, Characterization and biological studies of copper of II complex of amino benzimidazole derivatives	Dr. K.Nagashri	Journal of Molecular structure	2018	5		Manonmaniam Sundaranar University	5
Antimicrobial potential of Streptomyces sp. to the Gram positive and Gram negative pathogens.	MysoonAl-Ansaria, NoorahAlkubaisi, P.Vijayaragavan, K.Murugan	Journal of Infection and Public Health	2019	15		Department of Biotechnolog, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India	15

View Uploaded 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 excluding self citation	Institutional affiliation as mentioned in the publication
Key-frame extraction techniques : A review	P. Arockia Jansi Rani	Recent Patents on Computer Science	2018	4	0	Manonmaniam Sundaranar university
Bio prospecting marine actinomycetes for multi-drug resistant	Femina Wahab, Kalidass Subramaniam	Archives of Microbiology	2018	1	2	Dept. of Animal Science, M. S. University

pathogen control from Rameswaram Coastal area, Tamilnadu, India						
Investigation on Saccharification	Palavesam	Waste Biomass Volarization	2018	4	0	Dept. of Animal Science, M. S. University
EGEC:An Energy Efficient Exponentially Generated Clustering Mechanism for Reactive Wireless Sensor Networks	P. Sundareswaran,R.S.Rajesh,,K.N.vardharajalu	International Journal of Wireless and Microwave Technologies	2018	0	0	Manonmaniam Sundaranar university
Assessment of groundwater potential zones in Chittar basin, Southern India using GIS based AHP techniques.	C. Nair Nithya, Y. Srinivas, N.S.Magesh and S.Kaliraj	Remote Sensing Applications : Society and Environment	2019	10	13	Centre for GeoTechnology, M.S.University, Tirunelveli.
Groundwater quality and vertical electrical sounding data of the Valliyar River Basin, South west coast of Tamilnadu, India.	Rajkumar S., Srinivas Y., Nithya C Nair and Arunbose S	Elsevier	2019	17	17	Centre for GeoTechnology, M.S.University, Tirunelveli.

Trends in tobacco consumption in India 1987-2016: impact of the World Health Organization Framework Convention on Tobacco Control	Suliankatch. AR, Sinha. DN, Jeyashree. K, Rath. R, Gupta, PC, Kannan. S, Deneshkumar. V	International Journal of Public Health	2019	49	49	M.S.University, Tirunelveli.
EGEC:An Energy Efficient Exponentially Generated Clustering Mechanism for Reactive Wireless Sensor Networks	P. Sundareswaran,R.S.Rajesh,,K.N.vardharajalu	International Journal of Wireless and Microwave Technologies	2018	0	0	Manonmaniam Sundaranar university
Prognostic model based on image-based time-frequency features and genetic algorithm for fetal hypoxia assessment"	V Subha, Z Cömert	Computers in biology and medicine	2018	4	0	Manonmaniam Sundaranar university
Synthesis of novel Cu doped anatase TiO2 catalysts and assessment of the influence of Nb concentration on the photocatalytic and electrochemica	Shyniya, CR Bhabu, KA Rajasekaran, TR	Journal of Materials Science-Materials In Electronics	2018	0	1	Manonmaniam Sundaranar Univ, Dept Phys, Tirunelveli 627012, Tamil Nadu, India, Manonmaniam Sundaranar Univ, Dept Phys Renewable Energy Sci, Tirun

								elveli 627012, Tamil Nadu, India
l properties								

<div align="center">

[View Uploaded File](#)

</div>

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	80	173	66	54
Presented papers	102	104	15	22
Resource persons	47	114	68	44

<div align="center">

[View Uploaded File](#)

</div>

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)
Centre for Marine Scinece and Technology	Marine Ecological studies/ Biological study as a part of assignment consultancy service contract for EIA-ECCRZ clearance for AFR facility for KKNPT 1 2 and NSDF/KK site , Koodanmkulam, Tamilnadu, India	MECON, Govt. of India	306000
PHYSICS	XRD facility	DST-FIST	272010
Animal Science	EIA study in KKNPP, Kanyakumari	MECON, Govt. of India	306000

<div align="center">

[View File](#)

</div>

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
Nil	Nil	Nil	0	0

<div align="center">

[View File](#)

</div>

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

Mass Tree	SPKCES – MSU	5	65
YRC-Study Camp	Youth Red Cross, MSU	2	5
District Youth Parliament	NSS	1	6
Mano Vision -2018 (Conversion of Text into Audio for visually challenged PG Students)	Computer Science and Engineering	2	15
Nationwide Competition on Legal Awareness for Women	National Commission for Women, New Delhi.	2	800
UG Intercollegiate Quiz programme	Department of Mathematics Manonmaniam Sundaranar University	29	66
YRC (One Day "Zonal Level (Seminar) Orientation Programme for YRC Programme Officers")	Indian Red Cross Society, Tamil Nadu Branch conducted at Manonmaniam Sundaranar University	2	25
YRC (Three days "Zonal Level Orientation Training Programme for YRC Volunteers and Programme Officers")	Indian Red Cross Society, Tamil Nadu Branch conducted at CSDI Diocese Human Resource Development Centre, Kanyakumari	2	25
Career Assessment Camp	Department of Psychology	3	25
View File			

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
One day international programme on 150th Gandhian birthday celebration for Jammu and Kashmir Students	Achiever Award for Ek Bharat Shreshtha Bharat	Nehru Yuva Kendra Sangathan(NYKS)	150
Induction Training on Movement Literacy for School and College Physical	Centre for Movement Education, SoE	MHRD-PMMMNMTT-SoE-CSME	100

Educators				
		View File		

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 activites	Number of students participated in such activites
NSS	NSS	Swachh Bharat	1	21
Youth Red Cross	Karunya University	YRC camp	1	1
Youth Red Cross	Youth welfare department, M.S. University	Zonal level YRC orientation programme – YRC volunteers	1	3
Service to the sports activity	Tamilnadu cricket Association	TNPL Cricket Matches	3	37
Village Sports and Games	Sports Development Authority of Tamilnadu	Sports activities	6	42
World Environmental Day	NSS Unit	Tree Plantation of University campus	3	60
Swachh Bharat Scheme	NSS Unit	Cleaning of Campus and Plastic Products	3	60
Ek Bharat Shreshtha Bharat	Department of History, MSU	One day international programme on 150th Gandhian birthday celebration for Jammu and Kashmir Students	1	150
		View File		

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
Summer training in Physics	I.Doris Felcita	IGCAR, Kalpakkam	40
Supervised internship programme (Federal university of Espirito Santo)	Jebin Larosh Jervis	Center for international affairs, M.S. University Federal university of Espirito Santo	120

Research	Folklore & Sociology	ICSSR	730
Dr S.KALIDASS Appointed as Associate Member of IFSSA (Equivalent to Adjunct Faculty appointment) To work in the NICHE AREA: Pharmaceuticals and Nutraceuticals in the CLUSTER: Food Security Division	"Dr S.KALIDASS Of M.S.University & Institute of Food Security and Sustainable Agriculture, University of Malaysia, Kelaton. Malaysia "	Both Universities University of Malaysia, Kelaton. Malaysia Manonmaniam Sundaranar University	1095

[View File](#)

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
Internship	M.Sc Project work	Department of Microbiology, Karunya University	15/12/2018	29/03/2019	X. Daiyana Franklin
Acquired training for Census of Tigre in Kalakad Tigre sanctuary	Student Internship	Kalakad, TIGRE Sanctuary, Tamilnadu Government	10/06/2019	17/06/2019	4
Industry Link	Cyber Security Research Development	National Cyber Safety and Security Standards, New Delhi-110001	25/02/2019	24/03/2019	Mr. Suriya narayanan
sharing of research facilities	SEM	IISc, Bangaluru	25/02/2019	01/03/2019	C.Parvathi raja
sharing of research facilities	VSM, FE-SEM, EDAX, XPS	IISc, Bangaluru	13/11/2018	15/11/2018	R. SankaranarR. Sankaranaray ananayanan
sharing of research facilities	MDC	Mahatma Gandhi University, Kottayam	29/01/2018	29/01/2018	P.M. Priya Dharsini
sharing of	Photo	Periyar	10/08/2018	15/08/2018	C.Parvathi

research facilities	catalystic	University, Salem			Raja
Lab visit	Characteri zation	North Eastern Hill University, Shillong, Meghalaya	28/02/2019	28/02/2019	Dr. K. Mohanraj
Internship	Summer Internship	Amity Institute of Marine Science and Technology, Noida	17/05/2019	17/06/2019	Ms. Shristi tyagi
Internship	Summer Internship	Amity Institute of Marine Science and Technology, Noida	17/05/2019	17/06/2019	Mr. N. Anugrah
[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
M.D.T Hindu College	04/04/2019	Exchange of students and research scholars for academic discussions	379
Holy Cross College, Nagercoil	20/08/2018	Mutual co-operation in education and research	44
ICSI	08/09/2018	Conference and Seminars	148
[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
2871.33	2649.83

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added

Seminar Halls	Newly Added
Class rooms	Newly Added

View File

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
Koha	Fully	Open Source Software	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	103852	33463729	1631	1500000	105483	34963729
e-Books	3135000	0	0	0	3135000	0
Journals	0	0	51	237339	51	237339
e-Journals	237339	0	0	0	237339	0
Digital Database	0	0	4	0	4	0
CD & Video	0	0	1798	0	1798	0

View File

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
Dr. Beula Shekar	Crime Prevention	E PG Pathsala	02/01/2018
Dr. Syed Umar Hathab	Crime Prevention	E PG Pathsala	02/01/2018
Dr. Sivakumar	Crime Prevention	E PG Pathsala	02/01/2018
Dr. Ena Nalapperiyar	Crime Prevention	E PG Pathsala	02/01/2018

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	397	17	153	1	1	26	27	1000	0
Added	60	3	0	0	0	1	0	0	0

| Total | 457 | 20 | 153 | 1 | 1 | 27 | 27 | 1000 | 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
Communication Department Media Centre	https://www.msuniv.ac.in/Academic/Department/Communication/

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 incurredon maintenance of physical facilites
2528.45	2407.07	2871.33	2649.83

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)

Manonmaniam Sundaranar University has a well defined statutes which governs the operations of the University. In addition to this the University has developed an Internal Quality Assurance System which describes various policies, procedures and processes. For a better maintenance of the equipments and facilities the stock audit has been conducted at various levels annually. The usage procedure is displayed at the library and laboratories which will guide the students and other stake holders. The stake holders are educated to use the facilities at the beginning it self. The students are given necessary orientation at the student induction programme. A complaint register is maintained at all the sections and the stake holders can bring any matter related to usage or manitenance to the knowledge of the staff members. Annual Maintenance Contract is practiced at several departments and sections. There is a separate section called Construction and Maintenance which look after the maintenance aspects.

https://www.msuniv.ac.in/Library/

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 Scholarships	135	2430000
Financial Support from Other Sources			
a) National	Community/Disabled/Widow/DST/DBT/CSIR/UGC	1159	15666592
b)International	Nil	0	0
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 implemetation	Number of students enrolled	Agencies involved
Remedial Coaching for I M.Com (Integrated) Students	03/02/2019	4	Department of Commerce
Bridge Courses	09/07/2018	40	Department of Commerce
Yoga	17/07/2018	73	M. S. University
Students Counselling Centre	17/07/2018	3	University Health Centre
International day of Yoga	21/06/2018	20	Department of Physical Education and Sports
Yoga	17/07/2018	20	CMST, Rajakkamangalam.

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 passedin the comp. exam	Number of studentsp placed
2018	NET, GATE, TNPSC Coaching	50	0	4	3
2018	Gate Coaching 2018 (Physics)	10	0	0	0
2018	UGC-JRF/NET Coaching (Education)	20	0	2	0
2019	UGC-NET Coaching (Physical Education)	48	18	2	18

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
1	1	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
ICCI Bank	42	20	Virtusa	1	1
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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	M. Sc. Zoology	Dept. of Animal Science	St. Xaviers College, Palayamkottai ,	`Ph.D
2018	1	M.P.Ed	Physical Education	Alagappa University	Ph.D
2018	1	M.Sc. Organic Chemistry	Pharmaceutical Chemistry	CLRI, Chennai	Ph.D.,
2018	3	M.Sc Mathematics	Mathematics	Scott Christian College	M.Phil
2018	9	M.Sc Mathematics	Mathematics	Manonmaniam S	Ph.D
2018	1	M.Sc Marine Science	CMST	Department of Biomedical Science, Holy Cross College, Nagercoil	Ph.D.
2018	2	M.Sc Marine Science	CMST	Department of Microbiology, Pondichery University	Ph.D.
2018	4	M.A.	Communication	Manonmaniam Sundaranar University, Tirunelveli.	M.Phil.,
2018	4	M. Sc	Chemistry	Manonmaniam Sundaranar University, Tirunelveli.	M. Phil. Chemistry
2018	4	M. Sc.	Chemistry		Ph. D.

				Manonmaniam Sundaranar University, Tirunelveli.	Chemistry
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
Civil Services	1
NET	17
GATE	1
SET	2
Any Other	9
View File	

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

Activity	Level	Number of Participants
Republic Day	University	100
Sports Day	University	400
International Yoga Day	Regional	300
Karisal Thirai Vizha	State	500
Independency Day	University	100
Mano Day	University	600
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	National Strength Lifting Championship Medal, Organized by Strength lifting Association, Punjab.	National	1	Nill	17214011011143	Rajkumar P
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.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A registered Alumni Assoication is available at M.S.University since 2017. The objectives of the association

5.4.2 – No. of registered Alumni:

No Data Entered/Not Applicable !!!

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

89900

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association has organised a central meeting in the year 201819. Further thirteen departments have organised one meeting at their departmental level.

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)

Though the university is functioning based on the MSU Act and Statutes the day to day activities are carried out in a decentralized manner with 27 administrative sections. The overall administration is looked after by the Vice Chancellor who is supported by Registrar, Controller of Examination, Deans and Finanace Officer. At the next level the administration is looked after by the Directors who are supported by the Deputy and Assistant Registrars. At the bottom level the administration is supported by Superintendents, Assistants, etc. A clearly defined organisation chart is available at the University and all the activities are governed by well defined policies and procedures. The presence of committee plays a vital role in the decision making process. Therefore all the activities of the university are carried out in an objective manner with a consensus oriented policies.

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

Yes

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
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.
Teaching and Learning		Activitiy based teaching learning process is adopted and all the teachers are trained in such methodology. ICT tools are available at all the departments and smart class rooms are also available. MOOC is widely used as a learning resource and the library has enough number of ebooks and eresources.
Admission of Students		Admission Notification are published in all the leading dailies. L 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.
Research and Development		1.Candidates should publish two research papers in the Journals compulsorily for completion of Ph.D degree. Out of which One Journal in Social Science citation Index (SSCI)

	for Arts disciplines and for Science disciplines One Journal in (SCI Journals, and another One in SCOPUS/Web of Science/UGC approved list). 2.Review of academic research performance of the supervisors would be done once in three years to ensure sustainability of the quality of their academic research, following the norms of API scores prescribed in category III for CAS.
Examination and Evaluation	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 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.
Library, ICT and Physical Infrastructure / Instrumentation	A well established library is available and the faculty members and students are provided with remote access facilities through which they can avail eresources from any where. 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.
Human Resource Management	Administrative Training programme is regularly organised for improving the skill of the administrative staff members. Managerial training is planned

	to be provided to the managerial staff members. Administrative review is conducted regularly.
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

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

E-governace area	Details
Planning and Development	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 egovernance
Administration	It is planned to integrate the various enterprise software that are used at several sections of the University into a single software. A team has been identified to automate the administration.
Finance and Accounts	Foxpro and MS Access is being used in the sub sections of the Finance Section. It is planned to go for financial accounting solutions.
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.

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
2018	Dr. B. Radha	Two Day Training Workshop on the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	National Law University, New Delhi	25000
2018	Dr. T. Citarasu	2nd International Conference on Aquaculture Biotechnology (ICAB), 11th – 12th October, 2018	Indonesian Society for Sustainable Aquaculture in collaboration with Bogor Agricultural University	25000
2019	Dr.R.S.Rajesh	International Conference on Contemporary Engineering Technology (ICCET-2019)	UGC SAP	29874
2019	Dr. K. Mohanraj	International Conference on Advanced Materials for Energy Science and Technology- Feb. 26-28, 2019, NEHU,	DST-SERB	25000

			Shillong.				
2019	Dr. K. Mohanraj	International Conference on Advanced Materials- Mar-67, 2019, Jamia Millia University, New Delhi.	DST-SERB		25000		

[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)
2019	UGC NET / JRF Crash Course	NILL	06/05/2019	19/05/2019	44	Nill
2018	FDP on the theme of Companies Act, 2013	NILL	03/08/2018	03/08/2018	112	Nill
2018	National Workshop on Application of MS Excel, VBA, Cloud Accounting Tools	NILL	07/09/2018	08/09/2018	85	13
2018	FDP on Emotional Intelligence	NILL	22/10/2018	23/10/2018	50	Nill
2019	Two weeks Capacity Building for Faculty of Social Sciences.	NILL	18/03/2019	29/03/2019	30	Nill
2019	Passed in ELITE CLASS the NPTEL 12 week MOOCS course (4	NILL	02/01/2019	30/04/2019	40	Nill

	credit paper) Wild Life ecology with a con solidated score of 60 (On line assignment 4.38/25 and proctored Exam 55.5/75) total Number of candidates certified in this course 470 .						
2018	One Day Administra tive training on Strategies for Successful E- Procure ment, organized by Internal Quality Assurance Cell Manon manian Sundaranar University , Tirunelv eli.	NILL	21/08/2018	21/08/2018		40	15
2019	A two day training programme on Tamilnadu office Procedures and University Practices	NILL	09/03/2019	09/03/2019		Nill	30
2019	A two day training	NILL	14/03/2019	14/03/2019		Nill	30

programme on Tamilnadu office Procedures and University Practices				

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
Workshop – a) One week Professional Development Programme MHRD, Govt. of India	1	04/03/2019	09/03/2019	6
Refresher Course in Tamil Language and Literature	2	04/03/2019	09/03/2019	16
UGC-Sponsored short-term course in gender sensitization	1	21/12/2018	29/12/2018	9
UGC sponsored Refresher course in Life Science Biotechnology (IDC)-"Recent Trends in Life Science"	2	16/11/2018	06/12/2018	21
UGC sponsored Orientation Programme	1	08/11/2018	05/12/2018	28
Refresher Course on Foundations in Plant and Animal Biology	1	01/02/2019	16/02/2019	16
ICSSR Sponsored 2 – Week Capacity Building Programme (CBP) for Social Science Teachers on	1	11/03/2019	23/03/2019	13

"Research Methodology, Data Analysis using SPSS and Academic Writing, Organised by Rayalaseema University, Kurnool – 518 007,A.P, India. Funded by, Indian Counc				
National Workshop on Research Methodology and SPSS in Social Science, Indian Academic Researchers Association	1	18/02/2019	19/03/2019	30
Faculty Induction Training Programme organised by The Gandhigram Rural Institute	1	18/02/2019	19/03/2019	30
Two-Week Faculty Development Programme Science	1	21/01/2019	01/02/2019	12
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	70	38	0

6.3.5 – Welfare schemes for

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

6.4 – Financial Management and Resource Mobilization

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

Yes. External Financial audits are conducted regularly and audit certificates

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
Nil	0	Not available

View File

6.4.3 – Total corpus fund generated

1149777000

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	Nill	Yes	Vice Chancellor
Administrative	Nill	Nill	Yes	Vice Chancellor

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

Efforts made by our University to promote autonomy in the affiliated colleges: 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.

6.5.3 – 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 memebrs. 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
2018	Training on E Procurement	21/08/2018	21/08/2018	22/08/2018	40
2018	Training programme on Tamilnadu Office Procedure and University Practicesto New staff members	09/03/2019	09/03/2019	14/03/2019	30
2018	Sensitisation Programme on NAAC Revised Framework	29/12/2018	29/12/2018	29/12/2018	60
2019	A One day capacity building programme for academic leaders on ICT enablement for effective instituionale governance	24/06/2019	24/06/2019	24/06/2019	75
2019	Administrative Quality Review	03/04/2019	03/04/2019	03/04/2019	30
2019	Departmental IQAC Liaison Officers Meet	17/04/2019	17/04/2019	17/04/2019	27
		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

Women Empowerment Programme	08/03/2019	08/03/2019	49	60

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

1 MW solar power plant installation is on progress. Two departments use solar energy and one department use wind energy. Effluent treatment of waste water from Laboratories is in effect.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	**Yes**	**55**
Physical facilities	**Yes**	**10**
Rest Rooms	**Yes**	**1000**
Braille Software/facilities	**Yes**	**2**
Scribes for examination	**Yes**	**2**

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
Nill	**Nill**	**Nill**	**Nill**	**Nill**	**NIL**	**NIL**	**Nill**

[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)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NIL	**Nil**	**Nil**	**Nil**

[View File](#)

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

1. Solid wastes and Ewastes in the departments are properly disposed through C M section 2. Rainwater harvesting facilities have been established in almost all buildings of the University 3. Staffs as well as students are using bicycle, public transport, carpool systems 4. The students use bi cycles at campus 5. The University is functioning with paperless offices and implementing plasticfree campus The campus has green landscaping with trees and plants

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The examination system at Manonmaniam Sundaranar University is completely

automated. 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 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. Practice 2: Academic and Administrative reviews are held regularly in which the department and section heads presents the current status and brief the plan of action for the forthcoming period. Action taken report is submitted at the meeting and the pending issues are discussed. Based on the feedback from the participants the training needs are assessed and training initiatives are made.

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/IQAC/Activites/

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 main motto of the University is to reach the unreachable. To fulfill this the University is taking keen interest in the area of automation and the University has computerised its examination process completely. By this the student from remote villages can apply for the examination through web interface. The students are encouraged to opt for Massive Open Online Courses through NPTEL and SWAYAM portal. The University library provide remote access to the students so that the students can avail the e resources through internet. The University is offering several programmes through Distance Education and Community colleges.

Provide the weblink of the institution
https://www.msuniv.ac.in/

8.Future Plans of Actions for Next Academic Year

The University has the following future plans: 1. To establish a central instrumentation faciities. 2. To establish an incubation centre with the colloboration of Software Technological Park of India. 3. To construct more staff quarters. 4. To integrate all the enterprise resource planning software and to have a common Management information system.