



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Name of the head of the Institution	Dr. C.Yuvaraj
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08571280255
Mobile no.	9160020789
Registered Email	naac@mits.ac.in
Alternate Email	principal@mits.ac.in
Address	Post Box No. 14, Kadiri Road, Angallu, (Village)
City/Town	Madanapalle
State/UT	Andhra Pradesh
Pincode	517325

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	19-Jun-2014																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Dr. R Varadarajan																		
Phone no/Alternate Phone no.	08571280255																		
Mobile no.	9100973231																		
Registered Email	iqac-coordinator@mits.ac.in																		
Alternate Email	naacell@mits.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://mits.ac.in/AOAR2018-19.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://mits.ac.in/ugac.html																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>2.77</td> <td>2017</td> <td>23-Jan-2017</td> <td>22-Jan-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B++	2.77	2017	23-Jan-2017	22-Jan-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B++	2.77	2017	23-Jan-2017	22-Jan-2022														
6. Date of Establishment of IQAC	29-Jun-2015																		
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																
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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
Dr.Chakkarapani M	SRG	DST	2019 730	16.34
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

3

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

1. Curriculum enrichment: IQAC actively involved in designing curriculum/syllabi considering outcome based education model as per industry requirements, curriculum of AICTE / IITs. The curricula are updated/revised on a regular basis in consultation with industry experts from various domains and stakeholders. 2. Research activities: IQAC promotes business startups to develop nascent ideas into commercially viable products through entrepreneurship development cell. The weekend lab facilitates, an initiative of the IQAC allows the students to work on innovative project ideas. 3. The SHARP program (collaborative research work between student internal faculty) was conceived by IQAC to encourage faculty to pursue high quality research and to promote research culture and help the institute transform into a world class institute. 4. IQAC works with the Industry Institute Interaction Cell (IIIC) to forge industry connection by signing MOUs, conducting guest lectures, workshops, seminars and industrial visits. Due to the continuous efforts of IQAC, industry sponsored labs have been setup such as APSSDC - Siemens, Sakrobotix Lab. Pvt. Ltd., Startup Centre IIT Bhubaneswar, EYantra Lab Setup Initiative (eLSI), IIT Bombay, Curl Analytics, Bangalore, Dassault Systems Foundation lab. 5. The IQAC has emphasized on research project submission and as a result, in the last five years the amount of grants received

from funding agencies has increased from INR 33.61 lakhs in 2014 15 to INR 124.32 lakhs in 2018 19. Further, during the last five years the number of papers published per year has increased from 30 in 2014 15 to 230 in 2018 19.

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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
Submission for NIRF rankings	Secured NIRF India rankings(2020) in the band 201250.
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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

2019

Date of Submission

20-Sep-2019

17. Does the Institution have Management Information System ?

Yes

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

An ERP Tool in the name of GEMS was purchased from Advaya Softech Pvt. Ltd. This software is utilized for automation of academic and examination management activities. In 2018, the following examination activities are done using the GEMS tool: 1. Bulk uploading of marks. 2. Generation of Letter Grades and Grade Points as per the Academic Regulations. 3. Calculation of SGPA CGPA. 4. Publications of Results. 5. Analysis of results. 6. Generation of semester grade card. 7. Generation of Provisional Certificates. 8. Generation of Consolidated Memorandum of Marks Certificates. 9. Generation of various reports Also, an Integrated Management

System (IMS), a software platform utilized to manage classes, sections, timetables, attendance, attendance report, internal assessment, progress report, feedback, substitutions and other academic activities. Student mentoring is done effectively using IMS. The attendance data and academic performance of the students is intimated to their parents / guardians through IMS.

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
BTech	1	Civil Engineering	15/06/2019
BTech	FILE IS ATTACHED	FILE IS ATTACHED	15/06/2019

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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
BTech	FINAL YEAR - ALL	08/07/2019	18MAT105	08/07/2019
BTech	FILE IS ATTACHED	08/07/2019	FILE IS ATTACHED	08/07/2019

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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
BTech	ALL DEPARTMENTS	08/07/2019
BTech	FILE IS ATTACHED	08/07/2019

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	08/07/2019
Mtech	Structural Engineering	14/10/2019
BTech	Electrical and Electronics Engineering	08/07/2019
Mtech	Electrical power systems	14/10/2019

BTech	Mechanical Engineering	08/07/2019
Mtech	Advanced manufacturing systems	14/10/2019
BTech	Electronics and Communication Engineering	08/07/2019
Mtech	Digital electronics and communication systems	14/10/2019
BTech	Computer Science & Engineering	08/07/2019
Mtech	Computer Science & Engineering	14/10/2019
MBA	Business Administration	05/09/2019
MCA	Computer Applications	05/09/2019

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
Phonetics and Spoken English, Introductory Psychology	08/07/2019	199
National Service Scheme, Ethical Hacking	08/07/2019	390
Business Ethics and Corporate Governance, Corporate Communication Skills	08/07/2019	226
Personality Development and Soft Skills, Environmental Sciences	08/07/2019	195
Essence of Indian Traditional Knowledge, Verbal Aptitude course	08/07/2019	1586
Yoga for Human Excellence, Stress Management through Yoga, Basic Course in German Language	08/07/2019	60
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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
BTech	Civil Engineering	5
BTech	Electrical and Electronics Engineering	19
BTech	Mechanical Engineering	89
BTech	Electronics and Communication Engineering	52

BTech	Computer Science & Engineering	40
MBA	Business Administration	21
MCA	Computer Applications	140
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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

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

Feedback Obtained
<p>The institute takes feedbacks from students, parents, alumni, faculty and employers using rubrics framed by the IQAC. The feedbacks are analysed and based on the result corrective/ preventive actions are taken. The results of the corrective/ preventive action taken are verified in the next cycle of the feedback. The curriculum revision is carried out as a continuous process wherein feedback is collected from the stake holders every year and the boards concerned with syllabus revision meet at least once every year to review the scope and need for the introduction of new courses based on the feedback as well as the industry trends. Surveys: Surveys are being carried from the stakeholders such as students, alumni and employers using online/offline feedback forms. This also helps us creating awareness about the deviation in any of these if any, to take necessary corrective actions and further for working towards achieving the POs and PEOs of the Programme. Suggestion boxes are provided in departments, hostels and common areas and important suggestions and urgent grievances are directly reported to the authority concerned and the necessary corrective measures are taken.</p>

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
Mtech	SE	26	Nill	8
MCA	MCA	193	Nill	156
MBA	MBA	257	Nill	250
BTech	CST	193	Nill	191
BTech	CSE	257	Nill	260
BTech	CE	64	Nill	62
BTech	ECE	385	Nill	373
BTech	ME	257	Nill	192
BTech	EEE	128	Nill	106

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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	4850	904	244	51	295

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
295	295	1	72	2	1

[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 is administered by IMS (Integrated Management System) Each faculty is allotted 20 students depending on teacher student ratio in each department. Teacher develops a thorough bonding with the students by going through the profile in general and addressing their issues related to academics, personal placement and research. A minimum of three meetings will be conducted per semester one group meeting and two individual meetings. Provision for academic and counselling support is offered to all the mentees. Impact of Mentoring System: 1. Many personal problems were resolved like homesickness, academic pressure etc. Students are driven goal oriented. 2. Students improvement in research activities is enhanced. 3. Increased participation of students in Hackathons, Conferences and Symposiums. 4. Students were groomed to be self-directive and less dependents. 5. Participation of students in local, nation and international conferences, workshops, paper presentation, contests, internships and global immersion programs have been enhanced. Student Mentoring: 1. Attendance: Monitoring by collecting a list of frequent absentees and motivating the importance of classes to students every month till the end of the semester. 2. Hourly SMS: Hourly attendance management system through IMS. 3. CCTV Surveillance: Classroom activities are monitored by CCTV and floor in-charges extend their support. 4. Disciplinary Committee: Disciplinary Committee monitors the entire campus from 9.00 am to 5.00 pm

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5754	295	1 : 20

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
305	339	Nil	89	201

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	Designation	Name of the award, fellowship, received from
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	state level, national level, international level		Government or recognized bodies
2019	Dr. R. Rajakumar	Associate Professor	International Journal of Electronic Government (Inderscience)
2019	FILE IS ATTACHED	Associate Professor	FILE IS ATTACHED
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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
BTech	MCA-1F	II/II	18/08/2020	04/11/2020
BTech	MBA-1E	II/II	10/11/2020	25/11/2020
BTech	CSE-05	IV/II	27/09/2020	12/10/2020
BTech	ECE-04	IV/II	27/09/2020	12/10/2020
BTech	ME-03	IV/II	27/09/2020	12/10/2020
BTech	EEE-02	IV/II	27/09/2020	12/10/2019
BTech	CE-0	IV/II	27/09/2020	12/10/2020
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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
263	5661	4.169

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.mits.ac.in/assets/pdf/admin/popso.pdf>

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
Civil Engi neering-01	BTech	Civil Engineering	70	63	90
Electrical & Electronics Engineering	BTech	Electrical & Electronics Engineering	175	166	94.86

-02					
Mechanical Engineering -03	BTech	Mechanical Engineering	239	224	93.73
Electronics & Communication Engineering - 04	BTech	Electronics & Communication Engineering	387	371	95.87
Computer Science & Engineering - 05	BTech	Computer Science & Engineering	216	210	97.23
MBA -1E	MBA	MBA	205	193	94.15
MCA -1F	MCA	MCA	72	72	100
MCA-9F	MCA	MCA	113	113	100
M.Tech-20	Mtech	SE	7	7	100
M.Tech-87	Mtech	AMS	5	5	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.mits.ac.in/assets/pdf/admin/sss-survey.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
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3.1.2 – 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. Mohana Krishna Verma	Researcher	30/10/2019	Hoseo University
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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	730	ISRO	2704000	0
Major Projects	1095	DST-CRG	3200000	2302337
Major Projects	730	DST-SRG	1372590	828200
Major Projects	730	DST SRG	1634800	1430495
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.064

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
A Leadership Talk, Episode 05 of India First Leadership Talk with Dr.Ramesh Pokhriyal Nishank, HRD Minister Honorable HRD Minister answered the students questions on Innovation for Resurgent India	Innovation Centre	22/08/2019
First annual Innovation Festival of MIC	Innovation Centre	09/11/2019
MITs Innovation Club Annual Meet-2019	Innovation Centre	25/09/2019
Innovation Day - Awareness on Nobel Prize	Innovation Centre	15/10/2019
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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
Third prize (cash award Rs. 21,000/-)	Team GSSS_TITANS (ID: VISH20192058)	AICTE Chhatra Viswakarma Awards-2019	24/02/2020	Farm and Flock
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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
0	NIL	NIL	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
ECE	1
CHEM	2
PHY	1
MAT	2
MBA	2
MECH	1

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	EEE	19	4.5
International	FILE IS ATTACHED	25	1.78

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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
MBA	Nil
BSH	4
CST	Nil
ME	2
EEE	1
CSE	1
MCA	1
ECE	3
CIVIL	2

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
A Smart Portable Sanitizer Device	Filed	202011023861	07/06/2020
Vehicle Hand Automatic Sanitizer System Using Pre-Defined Instruction	Published	202041024567	11/06/2020
Wireless Communication Enabled Person Identification and Situation Aware	Published	202041017323 A	05/06/2020

System			
HTVM-Block Chain System: Healthcare Transaction Validation and Medical Observation Care Using Block Chain System	Published	202041012331	08/05/2020
Artificial Intelligence Inspired Smart Embedded System for Monitoring Hand Hygiene Compliance in Healthcare Places	Filed	201941048028	25/11/2019
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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
A novel optimum constructal fork-shaped fin array design for simultaneous heat and mass transfer application in a space-constrained situation	Hazarika S.A., Deshmukhya T., Bhanja D., Nath S.	International Journal of Thermal Sciences	2020	8	Madanapalle Institute of Technology Science	8
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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
A novel optimum constructal fork-shaped fin array	Hazarika S.A., Deshmukhya T., Bhanja D., Nath S.	International Journal of Thermal Sciences	2020	24	8	Madanapalle Institute of Technology Science

design for simultaneous heat and mass transfer application in a space-constrained situation						
FILE IS ATTACHED	FILE IS ATTACHED	FILE IS ATTACHED	2020	24	Nil	Madanapalle Institute of Technology Science
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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	8	138	4	76
Presented papers	20	12	1	Nil
Resource persons	1	15	2	3
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dept. of Computer Science Engg	HR Analytics and Hotel Recommendation systems	Great Lakes E-learning Services Pvt Ltd, project group 1 3 for PGPML Gurgaon Capstone project group 2 for PGPML Bangalore	36000
Dept. of Civil Engineering	Concrete Roads Testing, Mix Designs, Soil and Water Tests, Steel Tests, Submission of DPR for Construction of Market Complex, Plans Designs etc.	RB, Panchayat Raj, RWS, Irrigation, Municipality, Private Agencies etc.	1558472
Dept. of Mechanical Engineering	Wear Test using Pin on Disc	Mr. B. Vishnu Vardhan Naidu, Asst. Prof., Sree Vidyaniketan Engg. College, Tirupati.	6500

Dept. of Electrical and Electronics Engineering	Electrical Goods Estimations of DPR for Construction of Market Complex	Madanapalle Municipality	15000
Dept. of Chemistry	Development of a Device for Water Harvesting from Atmospheric Air	Mr. Udayagirivenkat Ramesh Rao, Director, Contrivation Labs Pvt Ltd., Bangalore	100000
Dept. of Mechanical Engineering	Design of a Heat Exchanger to be Incorporated in the Given Design of an Autoclave	Mr. Venkateshwara lu.N.K, Dynavacsystems, VITC complex, Bangalore-58	30000
Dept. of Chemistry	Water Samples Analysis	Madanapalle Municipality	30000
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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
0	0	0	0	0
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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
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NSS Day	NSS Cell, MITS	10	170
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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
Donation for Blind People	IAB Blind Empowerment Champions 2020 Gold Zone	Indian Association for the Blind, Chennai	50
Split Free India	Letter of Appreciation	Pledge for Life Team, Gurgaon	100
University Innovation Fellowship	Commendation	d.school, Stanford University USA	8
70th Republic Day celebrations held	Awarded with 1st prize and recogniti	Smt.Chekuri keerthi, IAS (Sub	24

at ZPH school, Madanapalle.	on/appreciation certificates.	collector, MPL)	
Nation Integration Camp	Certificate of appreciation for impeccable performance in the camp	35(A) Battalion NCC, Chittoor	2
Inter group competitions	Appreciation certificates for exemplary performance	Group commande	20
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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
Swachhta	Pledge for Life Team, Gurgaon	Split Free India	25	75
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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
Asia University - Taiwan	Mr. Issac	Self-Sponsored	60
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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
MOU	MOU	National Chung Cheng University (NCCU)	15/06/2019	15/09/2019	1
MOU	MOU	Innopolis University - Russia	15/01/2020	10/04/2020	7
MOU	MOU	National Chiao Tung University	03/02/2020	02/04/2020	2

		(NCTU) - Taiwan			
MOU	MOU	Asia University - Taiwan	03/02/2020	02/04/2020	3
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Brno University of Technology, Czech Republic	19/11/2019	Faculty/student exchange, Research	Nil
Innopolis University, Russia	14/11/2019	Faculty/student exchange, Research	7
Maharishi Vedic University - Holland	18/10/2019	Faculty/student exchange, Research	Nil
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
125000000	32121123

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
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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 partially)	Version	Year of automation
Soul 2.0.0.11	Fully	2.0.0.11	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	50201	27346500	Nil	Nil	50201	27346500
Reference Books	1	1	Nil	Nil	1	1
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under

Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. S. Venkatraman	Formal Language Automata Theory	MITS e-Content Development/Media Center	24/10/2019
Dr. Anbumani Moses	Effective Communication Skills	MITS e-Content Development/Media Center	31/10/2020
Dr. Rosalia H Bonjour	Business English Communication	MITS e-Content Development/Media Center	01/02/2020
Dr. P. Suryanarayana Raju	Conservation of Angular Momentum	MITS e-Content Development/Media Center	30/01/2020
Dr. R. Logudurai	Break Point Chlorination	MITS e-Content Development/Media Center	02/06/2020
No file uploaded.			

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	1496	21	360	2	12	50	158	360	0
Added	0	0	0	0	0	0	0	0	0
Total	1496	21	360	2	12	50	158	360	0

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

360 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
MITS e-Content Development/Media Center	http://mits.ac.in/e-content2.html

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
125000000	9690584	125000000	4138102

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

Laboratories: All departments in institute have separate laboratories. The faculty lab in-charges lab assistants under the direction of HoDs concerned, strictly inspect the lab equipment before the commencement of practical classes and lab examinations. The computers and electrically sensitive equipment in lab are provided with electrical backup to ensure steady functioning and to safeguard against voltage fluctuations. All the equipment in laboratory calibrated frequently by external certified agencies. **Library:** Library is open for students every day from 8 am to 8 pm. The students are allowed to take on loan 4 library books for a period of 14 days. It can be renewed for another 14 days. The teaching faculty are allowed to take 6 books per semester. **Sports and Gymnasium:** Sports equipment is issued to the students on request. The students use Gym under supervision and guidance of Director of Physical Education. Stock verification of sports items is conducted at beginning of semester. **Computers:** A Senior Administrative Officer and his team manage and maintain the centre. MITS has annual Maintenance agreement which includes the required software installation, antivirus and up gradation. To minimise e-waste, electronic gadgets projectors, computers, printers, photocopiers are serviced, reused. All computer complaint calls are attended immediately by assistants. **Classrooms:** There are 90 classrooms available in the institute. The Principal of the institute allocates classrooms to all departments. All classrooms are provided with necessary furniture and LCD projectors with internet facility. **Dispensary:** A Medical Officer and a qualified nurse take care of the dispensary. The necessary medicines are given free of cost to all. One ambulance is provided for the dispensary to take care of emergency cases. All students, faculty and staff of institute can avail this facility. Regularly pharmacy is verified based for expiry dates of medicines. **Transport:** The institute provides transport facility to the students and faculty. There are 18 buses and 21 cars. AO maintains all vehicles with a team of drivers, cleaners and transport workers. Servicing and insurance are done regularly to all vehicles. **Powerhouse and Power Backup:** The institute is connected with a 315 KVA transformer and 150 KW Solar Plant and two generators power supply. There are 23 UPS with a capacity ranging between 10 KVA -30 KVA as power backup to all computers in institution. The Assistant Manager (Electrical) and Assistant Manager (Electrical and Maintenance) with a team of assistants maintain the entire electrical system of institution. **RO-water facility:** The entire institute is provided with clean and safe drinking water through RO System. The RO water facility is supervised by Assistant Manager and maintained by Annapurneswari Enterprises, Anantapuram as per safety standards. **Housekeeping:** Two housekeeping supervisors work under the Site Engineer. The supervisors direct the sweepers and janitors to maintain the cleanliness of classrooms, rest rooms, common areas offices, libraries and computer labs every day. **Canteen:** Canteen facility is provided to students, faculty and staff of institute. The canteen is outsourced. A committee continually monitors and maintains the quality, hygiene and prices of the food items.

<https://mits.ac.in/assets/pdf/admin/policies.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	FILE IS ATTACHED	3780	109025
Financial Support from Other Sources			

a) National	FILE IS ATTACHED	4154	35574200
b) International	FILE IS ATTACHED	3	437185.69
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Health and Hygiene	02/04/2020	18	Dispensary(945207 7739)-MITS
Health and Hygiene	26/09/2019	21	Dispensary(945207 7739)-MITS
Physical fitness	23/08/2019	27	Gym Fitness Center, Mits(9100973275))
YOGA	09/05/2019	30	Full Time faculty Certified as Yoga Wellness Instructor (9100600664)
Language and communications skills	15/07/2019	1189	Young India Clarity net, Cambridge Software(9100600774)
DXC Technology - Mock Interviews(etc)	11/05/2020	133	DXC Technology
FILE IS ATTACHED	18/04/2020	447	FILE IS ATTACHED
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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	GATE	5	2131	5	990
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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
5	5	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations	Number of students	Number of students placed	Name of organizations	Number of students	Number of students placed

visited	participated		visited	participated	
FILE IS ATTACHED	10104	878	FILE IS ATTACHED	3127	109
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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
2019	4	MITS	ECE	Asia University	Computer Science and Information Engineering(MS)
2019	1	MITS	EEE	Nanyang Technological University-Singapore	Master of Science (POWER ENGINEERING)
2019	2	MITS	MECH	Ernst-Abbe-Hochschule Jena University	Master's programme Scientific Instrumentation (MS)
2019	1	MITS	MBA	SRM University	Ph.D (Management)
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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	Nil
SET	Nil
SLET	Nil
GATE	5
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
12	Institutional	3117
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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	JNTUA Re presented (All India) University Merit Certificate	National	1	1	17691A04B1	G.Naga sowmya
2019	FILE IS ATTACHED	National	1	1	FILE IS ATTACHED	FILE

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

The Institution established Student Quality Assurance Cell (SQAC) in the year 2015. It works under IQAC and consists of a Coordinator and Members. The SQAC works for the quality of students by extending timely support and coordination and plays a vital role to assure students, an invariably transparent environment for academic and extra as well as Cocurricular activities under a student council consists of President, Vice President, Program Chair person, Resource person and a treasurer. Role of students in Administrative activities - 1.The student council of SQAC opens invitation to all students to register themselves soon the semester begins. 2.The class committees in all branches take care of the registrations. 3.Meetings are conducted with all the registered students to discuss on future programs and commitments of each section/class. The class committee consists of one male and one female representative. In absence of either one of the representatives, the substitute shall act as the committee member to fulfil obligations. 4.The council will invite proposals for representatives as well as future events. 5.They prepare calendar for the semester and allow to conduct events throughout the semester. Role of students in Academic activities: Senior Student coordinators conduct Seminars and Workshops so that juniors be benefited out of difficult subjects, get awareness regarding recent trends in Technology. Career counselling is the major aspect being organized by the coordinators through alumni. They conduct meetings to discuss on syllabus completion and question paper designing during MID exams. There is a suggestion box arranged in each block of the Institution for students so as to get their issues resolved regarding academics and also for any new proposals that are helpful for students to bear knowledge and handsome results. The student council: The student Council make sure that all the clubs should carry their activities smoothly and effectively according to the calendar for the semester. There are departments who will help the coordinators of the clubs to assemble either infrastructure or targeted audiences. Students will take membership in to each committee and work to promote their club. The following are the various clubs Technical and Non-technical which are run by student council. MSR club (MITS Social Responsibility) Sports club Event Management club Yoga Meditation club Arts Cultural club Tech Club Film Makers club SAE (society of automotive engineers) India Collegiate club AMCC Club The institution constitutes student committees for organizing various events every year. The appointment changes for every academic year so as to encourage different number of students in different streams. The following are different events for which student committees are constituted for the year 2018-2019. 1.Freshers day Committee 2.Technical Committee for two-day fest (ASHV) 3.Cultural Committee for two-day fest (ASHV)

- 4.Sports Committee for two-day fest (ASHV) 5.Annual day Celebrations Committee
 6. Student Activity Center (SAC). During Techno-Cultural-Sports Fest students design their own website to carry promotional activities across the nation since the fest is organized for two days at National level.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, MITS Alumni Welfare Association is established and registered under the Andhra Pradesh Societies Registration act 2001 bearing the number 431 in the year 2016. MITSAWA is formed with an aim to build an actively engaged alumni network. The association connects with alumni through various set of events and services. The Association supports active alumni participation in various institution activities like curriculum design, feedback, tech fests, guest lectures, internships and placements of the students. The association connected more than 2000 alumni members to the college and conducted various programmes in the campus since its inception. The association is going to organize some special events that educates stakeholders in different areas like social responsibility, publishing newsletters, and most importantly raising funds for growth of their Alma mater. We are planning to conduct awareness programmes which provide a variety of benefits and services to their educational institution and fellow graduates. An alumni portal has been launched this year to meet the requirements of digital world for online registrations and communication. MITS is strategically working to make alumni involved and engaged in student's development. The core objective of the association is to make good repo between the Institution and alumni. They are successful in keeping required communication with alumni and work to inform them about timely changes and achievements about the Institute. The association organizes meetings every year. They discuss future plans in the meetings. The Institute is planning to conduct various non-financial platforms such as alumni challenge competition and alumni interaction week, so as to grab alumni to contribute in future. Alumni conducts mock interviews during their visit to the campus for the benefit of their juniors. They discuss on even business and entrepreneurship opportunities and career counseling. While interaction with juniors they make them aware of several trends that are mandatory in the present market in terms of global scenario. Few members of alumni who became entrepreneurs provide inputs to students regarding startups and how to proceed with a new venture and to become employers. As the alumni extend helping hand to the students existing, they are now active participants in social service combining with creative activities for rural area kids especially during weekends. There are some alumni who are amazing to forward scholarships to their juniors who are really in need and have financial constraint. An example of this kind is Nalgan Foundation scholarship by the name called chaithanya. Through the foundation Four students got total amount of 2,50,000. He is a model for existing students on how one can serve the society. During the meets they teach about HR rounds, campus placements and summer and winter internships. The alumni share their corporate experiences and guide students by providing their contact numbers and mail addresses for future communication and for continuous support.

5.4.2 – No. of registered Alumni:

800

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

80000

5.4.4 – Meetings/activities organized by Alumni Association :

1 online meet / 18 activities

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The functioning of the Institute is highly decentralized. The organisational structure presents the flow of the authority, though upward communication, delegation, decentralization and participative management is practiced extensively. For operational convenience and to meet any exigencies, certain financial powers are delegated to the Principal and Heads of the Departments.

Practice 1: Decentralisation is practiced in terms of financial autonomy to the Principal to a tune of Rs. 5,00,000/- per year and to the heads of the department to a tune of Rs. 40,000/-. Principal is the signing authority of all the cheques/bills payments of the Institute. Practice 2: Participative management is practiced in terms of conducting the events/activities by constituting several committees. Each committee is headed by a coordinator and few designated members who meet periodically and take decisions for effective delivery of benefits to the students. In order to ensure participative management and transparency, the college takes the following measures:

- 1.All the decisions taken by the statutory bodies pertaining to particular items are informed to all the staff by circulating minutes of meeting immediately.
- 2.All the issues are discussed and resolved during the HoDs meeting chaired by the Principal.
- 3.All the important pieces of information are sent to the faculty, staff and students through internal mails and are also displayed in the notice boards available in all the blocks.
- 4.All the circulars are circulated to the classrooms for reading.
- 5.All the faculties are the members in the Board of Studies.
- 6.Student attendance is posted every day by the respective faculty members on the college server (IMS software) such that the students and their parents can see day to day attendance and performance. In addition, the consolidated attendance is published in the notice boards for information to the students every month.
- 7.All the academic related information like academic regulations, syllabus, academic calendar, previous year question papers and examination notifications are made available on the website.
- 8.All important information regarding curricular and co-curricular activities are posted in the College website and in the respective department's portal.
- 9.The Mandatory Disclosure is available on the college website.
- 10.All the information about the college is made transparent on the college website.
- 11.The college website is linked to the Alumni Portal as well.
- 12.The college has arranged web mail facility to the entire faculty with individual IDs for faster and more accurate information.
- 13.MITS is an ISO certified institution and hence thorough book keeping is done and files and documents are systematically maintained.
- 14.Department meetings chaired by HODs discuss and resolve all the relevant issues.
- 15.Principal also handles classes and has a first-hand information of student expectations and reflections. Faculties regularly participate in department meetings on Institutional Policies, Academic Regulations, Curriculum, Examination pattern, Research Incentive Policies, NBA and NAAC Accreditation Process etc. Heads of the departments in consultation with the faculty staff submit the budget proposals to the Principal which through Finance Committee and Board of Governance are approved and expended.

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
<p style="text-align: center;">Curriculum Development</p>	<p>i) Since becoming an autonomous institution in the year 2014, MITS has given utmost priority to keeping the curricula relevant and up to date with respect to the industry requirements and student needs ii) The curriculum for all the programmes offered at MITS are developed through an elaborate process that ensures the involvement of all stakeholders: ? Students ? Industry ? Faculty ? External academicians ? Officials of the affiliating university. ? Contributions from stakeholders are incorporated in the process of curriculum development through: ? Structured surveys ? Their participation in deliberative and statutory bodies like Department Advisory Boards, and ? Board of Studies. ? Following benchmarks are duly considered during curriculum design and development: ? Guidelines of the regulatory bodies like AICTE ? Recommendations of the affiliating university ? Curricula from institutes of national repute ? Syllabi of competitive exams like GATE and IES ? The curriculum revision is carried out as a continuous process wherein feedback is collected from the stakeholders every year and the boards concerned with syllabus revision meet at least once every year to review the scope and need for the introduction of new courses based on the feedback as well as the industry trends. ? Since MITS exclusively offers professional degrees, all the courses in all programs are intended to contribute to either skill development of students, their employ ability or their entrepreneurship readiness. ? A significant portion of the curriculum for each programme comprises discipline electives as well as open electives wherein the students select their preferred courses from a large set of options which provide them with ample choice in courses (CBCS) they pursue to fulfil the credit requirements of their degree. ? For holistic training of the students, beyond the curriculum courses are regularly administered to add value in aspects other than technical and analytical skills. ? For all the</p>

programs offered at MITS it is mandatory for students to do a project in the final year. In addition to this, students in earlier stages of programmes have also been actively undertaking field projects, internships, or student projects.

Teaching and Learning

Presentation in the form of seminars, preparation of models for diverse types of equipment, visit industries for better understanding of concepts, guest lectures from eminent personalities working in relevant fields and technical paper reading, report writing etc. make the student understand and learn better. Several methods have been adopted for innovative teaching and learning. During the pandemic, the classes were conducted in online mode through Microsoft Teams. The students and faculty members were given orientation programme on Microsoft Teams for smooth conducting of online classes. Experiential learning: Research Development Cell is established at institute level to promote research innovation and consultancy activities. Student High Action Research Program (SHARP) has been initiated by the institute from the year 2018 to foster research culture among the young budding engineers. The objective of this programme is to encourage students to work collaboratively with faculty members in various research domains. This programme has improved the technical competency level of students and resulted in enhancing career opportunities for students either in the form of employment or higher studies. Innovation and Incubation centre of MITS motivates students and faculty members to take part in innovation, idea generation and product development. The institute has established centre of excellence and industry supported labs to train students in the latest emerging technologies and thereby provide research opportunities for students, faculty members and researchers. Participative Learning: The institution has scale up Classroom facilities to enhance participative and collaborative learning. Programming courses are conducted in the scale up Classrooms to enhance participative learning from

their peer group. Video lectures, animations and webinars are incorporated based on the needs of the course by the faculty members. This helps the students to learn concepts in a better way, enrich self-study methods and improve analytical skills.

Introduction of mini projects in the curriculum help them to gain practical knowledge in various emerging technologies. Video lectures delivered by varied eminent resource persons are available within the digital library. The faculty and students are encouraged to utilize E- Tutorials of NPTEL. Project-based-learning helps students make prototypes/working models of different systems for real time applications. Students are encouraged to do projects to enhance qualities such as technical competencies, team work, presentation and communication skills. To promote self-learning, the institute supports the students to earn a few credits through Massive Open Online Courses (MOOCs) by the providers like Swayam NPTEL. Many laboratories are equipped with cut section models through which the faculty can demonstrate the systems internal parts and function effectively for the students. Training on MATLAB / SCI Lab / CATIA / STACKPRO are imparted to students in laboratories through modern ICT Tools. Students are taken to different industries on industrial visits to expose them to industrial demands / requirements and work culture. Students are encouraged to participate in National level and International level competitions such as Smart India Hackathon, Mini Satellite, Virtual Cloud Computing.

Outcome Based Education: Outcome Based Education is being practiced in true spirit. This has resulted in enhancing the overall skill development of the students.

Examination and Evaluation

1. Students can register themselves for end semester examinations against the notification by submitting the filled-in application forms to the examination section and they can download the hall tickets online.
2. The End semester question papers are generally set by the External course experts. The question papers strictly follow BLOOMS Taxonomy and CO mapping.

Question papers printing shall be done only one hour before the commencement of examinations. The COE randomly selects the question paper from the available two or three sets. 3. During Examinations, if any student is involved in malpractice, necessary disciplinary action is initiated against him/her as per the malpractice guidelines of the academic regulations. 4. The facility of re-totalling of the answer scripts is there for both theory/practical examinations 5. Double blind evaluation process is used for end semester examinations. 6. Plagiarism check is made mandatory for submitting the academic project reports. 7. Processing of results and results analysis is done using the Automation software. Scrutiny is done before the declaration of result to identify and rectify any unforeseen errors. 8. Results are made available both at the college website and the student's individual IMS accounts.

Research and Development

Madanapalle Institute of Technology and Science (MITS) has been constantly encouraging faculty, researchers and students towards research-based activities and achievements. Since the inception, the mission of MITS has been to be the centre of excellence providing immense knowledge and service to people in and around Madanapalle and to the extended world. To mobilize research activities and to establish consistent performance, MITS has been constantly upgrading and frequently calibrating the research facilities. MITS has NABL accreditation on the Testing and calibrations on the facilities to meet the state of art technology requirements. The Research and Development division has its major focus in promoting the research culture in the institution. Policies pertinent to research and related activities are devised and focus on the promotion of research among Student and Faculty. For Faculty: ? Provision of seed grant for promoting research. ? Provision of Financial assistance to publish/present research papers in SCI/SCOPUS/IEEE/ADBC indexed journals/conferences. ? Encouraging to register for Ph.D. ? Encouraging to submit research project proposals to the funding agencies Facilitating and encouraging faculties

to file technology and design patents.

- ? Release of timely grants ? Timely auditing, utilization certificates submission to the funding authorities providing incentives for Projects, Publications consultancy ? Advancing funds for sanctioned projects For Combined promotion of research to Students and Faculty: ? Establishment of the Incubation Centre and start-up center ? Developing laboratories with ultra-modern equipment with updated software Establishment of Research Centers in all the departments Consultancy at MITS: Performing consultancy by an Institute disseminates knowledge and makes an early and direct impact on society. Research Development (RD) division at MITS promotes research, innovations, consultancy activities and protects Intellectual Property (IP). To enhance consultancy activities more effectively, a policy has been formulated that provides provisions for conducting consultancy by staff in alignment with the Institute's strategic and operational objectives.

MITS is committed in making its expertise available through service to industry, commerce, government, professions, arts and other educational and research organisations. All the consultancy facilities are NABL accredited. The policy devised covers the following categories of activities:

 - ? Institute Research Consultancy ?
 - Institute Non-Research Consultancy ?
 - Private Consultancy

Library, ICT and Physical Infrastructure / Instrumentation

Madanapalle Institute of Technology Science has adequate and excellent infrastructure and physical facilities for teaching and learning. The institute is spread over 26.17 acres of land with more than 33,081 Sq. Mt built up area. The library operations such as circulation section, cataloguing section are fully automated using SOUL 2.0 ILMS software developed by INFLIBINET, Ahmedabad. The reading materials are classified under the Dewey Decimal Classification Scheme (23rd edition). The students, teaching faculty and staff are issued a single barcode membership cum library identity card. The user of the Library can use the same identity card for borrowing books. The library started its

operations in 1998. It is centrally located in the institution with an area of 1626 sq. mts. It can accommodate more than 500 students/users at a time. The library has a vast collection of 61,086 volumes of books with 9,882 titles. There are 587 Back Volumes, 3382 CDs and DVDs in the library. MITS subscribed to 147 Print Journals for all the disciplines. The visitors can access 15,410 online Journals and 1,38,821 E-Books in the library. Leverage of ICT tools to enhance teaching-learning process. On the recommendation of the IQAC the institute has equipped all the class rooms with ICT devices such as Wi-Fi, LCD projectors. Some of the class rooms are equipped with audio systems and smart boards. IQAC encourages the faculty members to leverage the ICT for including audio-visual content in their lectures and e-books for reference to enhance the quality of teaching and learning process. The distinctive features of the programs offered by the institute are: ? MOOCS/NPTEL courses with credit transfer facility ? Live delivery of high quality lectures using video on high speed internet. ? Interactive eBooks - the students and faculty can access 138821 e books and about 6175 e-journals through our subscription to digital databases ? E-Quizzes and online evaluation are used for continuous internal evaluation of students ? Moodle platform is used for course delivery, course material dissemination and submission/evaluation of assignments. ? IMS software is used for easy monitoring of the performances of the students and timely mentoring/guidance. ? The placement department provides an updated list of links to online resources for practicing group discussion, mock interviews and online tests. The impact of these recommendations and their compliance is evident from the performance of the students not only in the exams but also in acquisition of admissions to higher studies particularly in educational institution abroad. Additionally, the growth in number of students participating and succeeding in the global immersion program is an evidence for the effectiveness of the efforts made by

	<p>the institute supported by the IQAC team.</p>
<p>Human Resource Management</p>	<p>The institute is currently recruiting candidates with PhDs from IITs NITs as well as foreign institutions. The institute has adopted a policy to provide incentives for research work, publications and Research Projects. The institution has also adopted flexitime as a soft HR Policy. The human resource department is headed by a HR Manager who oversees the job descriptions for various positions and the skill-set required for the position in consultation with the Principal, Deans, and Heads of departments.</p>
<p>Industry Interaction / Collaboration</p>	<p>IQAC collaborates with the industry institute interaction cell (IIIC) to forge industry connection by signing MoUs for internships, projects, research, and industry visits. This bridges the gap between the theoretical and practical aspects of the curriculum as well as academic and corporate world. The IIIC engages visiting faculty/professors and Industry experts for conducting workshops, seminars, and meetings. It also helps the department in joint research programmes and field studies by faculty and students based on industry's requirement. The institute has established centres of excellence and industry supported labs to train students in the latest emerging technologies and thereby provide research opportunities for students, faculty members and researchers.</p>
<p>Admission of Students</p>	<p>1. The State Council of Higher Education, Government of Andhra Pradesh offers wide publicity for admission into different institutes in Andhra Pradesh for UG and PG Programmes in Professional courses like B. Tech, M. Tech, MBA and MCA. 2. The State Council of Higher Education notifies EAMCET for admission into B. Tech, ECET (FDH) for admission into B. Tech lateral entry (II Year), and PGECET for admission into M. Tech and ICET for MBA MCA. The detailed information for admission into above programmes is made available through authorized website of APSCHE (http://www.apsche.org) The admission procedure is fully transparent, based on the merit and counselling done by APSCHE. The Institute also creates</p>

awareness on admissions into professional courses by conducting various programmes/activities. Admissions are made in two categories (A B) Category A: 70 of the total seats are filled through online counselling carried out by APSCHE as per merit cum Reservation policy of the State Government Category B: The institute makes 30 of admissions as per merit and guidelines of the APSCHE The institutions that are approved by All India Council for Technical Education (AICTE) and State Govt. are permitted to fill NRI seats of 15 20 Lateral Entry seats of II B. Tech programmes are filled up with diploma holders based on their ranks obtained in ECET (FDH) and reservation policy of State Government by APSCHE

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

E-governance area	Details
Planning and Development	IMS to be included R D Admission Exam
Administration	<p>? Administration - Enables the administration to manage the academic activities such as course allocations, faculty profiles as well as their achievements, leave management etc. ?</p> <p>My Classes - To post students attendance and to upload internal marks</p> <p>? Broad casting messages - To intimate ward's status to their parents / guardian's and to spread the information to the faculty as well as students. ? e-circulars ? Faculty Data - Department wise faculty details are available and allows the college administration to track faculty activities. ? Admission Process -This module enables admission of students to specific courses for both UG and PG. The module includes fee details such as paid up fee, balance remaining and fee exemption.</p>
Finance and Accounts	Annual statutory audit conducted by an external practicing chartered accountancy firm by the name M/s. PS Chaitanya Co., Chartered Accountants, Madanapalle.
Student Admission and Support	? Sunshine bulk SMS solutions, ? IMS-ERP, ? Plat for Placement Suit ? Alumni, ? Model , ? Urkund software for plagiarism

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Pavan Kumar A V	Research Integrity And Awareness	FILE IS ATTACHED	9500
2019	FILE IS ATTACHED	FILE IS ATTACHED	FILE IS ATTACHED	17065
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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	A Training Programme on Web with Cloud and Dev Ops	FILE IS ATTACHED	16/07/2019	16/07/2019	20	Nil
2019	FILE IS ATTACHED	FILE IS ATTACHED	08/07/2019	08/07/2019	20	Nil
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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
Marketing Management- I	1	01/07/2019	01/09/2019	60
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
295	295	225	225

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

<ul style="list-style-type: none"> • Cashless Medical Insurance scheme for Teaching staff, their spouse, children and parents up to Rs. 3 Lakhs per annum. The entire family is covered through floater policy. Marginal contribution is taken based on the salary of the employees. • All teaching category are given sim card and roaming data facility for better connectivity. • Subsidized Transport Facility is provided to all teaching staff from the designated pick up points to the college and back. • Salary advance for teaching staff is extended on need basis. • Special leave for 6 days is given to all teaching staff for their marriage. • Teaching staff are provided with academic leave for 6 days in an academic year. This academic leave is for the propose of defending thesis, attending viva-voce examination for their Ph. D scholars etc. • Faculty members are encouraged to take up sponsored research projects, research publications, patents and consultancy and cash incentive is a paid as per the Institute's policy. • Newspaper is provided to all teaching staff so that they are updated with national and International events. 	<ul style="list-style-type: none"> • Fee concession in college seats is provided to the wards of non-teaching staff. • Coverage under PF Act as per the salary limit is extended to all non-teaching staff. • Coverage under ESI Act is extended to all non-teaching staff as per the salary limit under the Act. 	<p>MITS set up a dedicated division, called Student Welfare Cell (SWC), headed by a Student Welfare Officer (SWO), to act as a conduit for information and support to the students seeking financial support and other related services. Through the efforts of SWC:</p> <ul style="list-style-type: none"> • Topper from each branch in each year • Smart India hackathon and e - bike • Over 63 of the students received financial assistance from government agencies • Over 10 of the students secured monetary support from the institution and non-governmental agencies. • To improve the employment and higher education prospects of the students, beyond the curriculum training is offered to students through skill enhancement activities and guidance for competitive exams.
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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)

The institute conducts regular financial audits. The institute has a formal mechanism for internal and external audits. The accounts are regularly audited to ensure financial compliance. Internal Audit: The internal audit is a continuous process by the finance committee with members from academia and accounts through a methodical verification of all payments, receipts, vouchers of the cash transactions, ledgers and cash book. External Audit: The external

auditor/agency, PS Chaitanya Co., Chartered Accountants, appointed by the Management, performs audit of books of accounts and financial statements of the institute. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records, i.e. income and expenditures, balance sheet and prepared notes for accounts are certified by the Chartered Accountant. The Institution publishes audited financial statements on the institutions website as information for the concerned people. All government scholarships and funds received from the government as Grants like TEQIP-II are audited separately by the external chartered accountants appointed by the government. Audited financial statements are made public by placing it on the institutes website and are sent to the statutory and regulatory bodies. Financial Planning is exercised well in advance for the organization and efficient Budgeting Controlled Mechanism is done by involving the various Academic Departments and Administrative Sections of the Institute. The Heads of the Departments would submit the proposals for the department budget. These are reviewed and consolidated by the Principals office and submitted to the finance committee. The finance committee after review and finalization would present the same to the board of Governors for approval. The board of Governors on thorough scrutiny would approve the budgets as it is or with certain modifications. The budgets thus approved are circulated to the concerned departments by the Principal for thorough implementation. Financial planning and review is done in periodic intervals through statutory - Finance Committee which is constituted as per the guidelines framed by the UGC. It is headed by the Principal with Dean Administration, Management representative, Faculty and Accounts Personnel as members. The Finance Committee meets twice a year and reviews the income- expenditure statements and suggests further action. The Management, through BOG looks into income and expenditure pattern and appropriate recommendations are given. Well-structured accounts and finance section is in place and every financial transaction is recorded through software Tally ERP-9. Financial Rules are in place in the Institute and "No-Cash" Transaction beyond statutory limit is followed. Fee Payment is encouraged through online mode.

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
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6.4.3 – Total corpus fund generated

9215500

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Senior faculty from other reputed institutions	Yes	Internal Quality assurance team
Administrative	Yes	Senior faculty from other reputed institutions	Yes	Principal and dean administration

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

At this point in time the institute does not have a registered parent teacher association but the phone number of the respective HoD and the class teacher are disseminated amongst the students there by creating scope of interaction between the faculty, the students, and the parents. Additionally, the students and parents are allowed to meet the principal or other administrators at designated hours daily. The students, parents, and teachers get an opportunity to get together during orientation programs, annual day, and during annual cultural festival. Periodic meetings are arranged with the parents and teachers

1. To improve performance of the students
2. To improve attendance and discipline.
3. To improve infrastructure.
4. To improve co-curricular activities support etc

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

EFFECTIVE WELFARE MEASURES

1. Cashless Medical Insurance scheme for Teaching and Non-teaching staff, their spouse, children and parents upto Rs. 3 Lakhs per annum. The entire family is covered through floater policy. Marginal contribution is taken based on the salary of the employees.
2. All teaching and key personnel in the non-teaching category are given sim card and roaming data facility for better connectivity.
3. Coverage under PF Act as per the salary limit is extended to all non-teaching staff.
4. Coverage under ESI Act is extended to all non-teaching staff as per the salary limit under the Act.
5. Newspaper is provided to all teaching staff so that they are updated with national and International events.
6. Subsidized Transport Facility is provided to all teaching and non-teaching staff from the designated pick up points to the college and back.
7. Salary advance for teaching and non-teaching staff is extended on need basis.
8. Fee concession in college seats is provided to the wards of non-teaching staff.
9. Faculty members are encouraged to take up sponsored research projects, research publications, patents and consultancy and cash incentive is a paid as per the Institute's policy.
10. Teaching staff are provided with academic leave for 6 days in an academic year. This academic leave is for the propose of defending thesis, attending viva-voce examination for their Ph. D scholars etc.
11. Special leave for 6 days is given to all teaching and non-teaching staff for their marriage.

AVENUES FOR CAREER DEVELOPMENT PROGRESSION

1. The institute encourages teaching faculty to register for Ph. D programmes to enhance their career prospects.
2. At Institutional level seminars, conferences, workshops on advanced technologies and Innovative teaching-learning strategies are regularly conducted for overall improvement of teaching skills which in turn will enhance career development.
3. In-house training programmes on English communication skills, Training Programme on Oral Presentation, Interpersonal Skills and Computer related skills like MS Office, Excel spread sheets and Office Support Software- MS Access and Database Management are conducted for non teaching staff's career growth.
4. Training programmes are conducted regularly on Pedagogy. NITTTR Chennai also conducted a workshop on Pedagogy for the faculty members in December 2014.
5. Non-teaching technical staff are sponsored to attend various workshops related to their area for skills improvement.
6. Hands on training for non-teaching staff is provided to improve their practical skills.
7. Teaching staff members are encouraged to attend faculty development programs for enhancement/development of their career.
8. Faculty members are exposed to Management Capacity Enhancement Programme held in various IIMs to improve their administrative skills.
9. In-house orientation/ training programs are conducted by the faculty for the new labs established for skill improvement of non-teaching staff.

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

- Information and Communication Technology (ICT) thrust in teaching learning is

enhanced. • Motivating/facilitating the faculty for intensive application of ICT tools. • Internet reference facility in the classrooms. • Training and placement activities are enhanced by arranging various training courses.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – 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	Designing the curriculum to improve the employment capability of the students	15/06/2019	15/06/2019	15/06/2019	50
2019	FILE IS ATTACHED	08/07/2019	08/07/2019	08/07/2019	1

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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
Rendezvous with Doctor	22/08/2019	22/08/2019	95	Nil
An International Day of the Girl Child	11/10/2019	11/10/2019	65	Nil
National Girl Child Day	24/01/2020	24/01/2020	120	Nil
National Girl Child Day International Women's Day	08/03/2020	08/03/2020	150	Nil

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
Percentage of power requirement of the College met by the renewable energy sources 2019 - 61.06 2020 - 17.75

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	No	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	2
Special skill development for differently abled students	No	Nil
Any other similar facility	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
2019	15	1	10/12/2019	1	International Human Rights Day	To recognize and empower human rights	100
2019	15	1	09/12/2019	1	FILE IS ATTACHED	FILE IS ATTACHED	150

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
MITS Student Handbook	06/06/2019	https://www.mits.ac.in/assets/pdf/admin/Code20of20Conduct-Student.pdf
Code of conduct for BoG / Principal of MITS	06/06/2019	https://www.mits.ac.in/assets/pdf/admin/Code-of-Conduct-for-BoG-Principal.pdf
MITS Handbook 2018-19	06/06/2019	https://www.mits.ac.in/assets/pdf/admin/Code20of20Conduct-Student.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Student Induction Programme 2019-20	07/08/2019	22/08/2019	450
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- | |
|--|
| 1. Plastic Ban 2. Vehicle ban 3. Renewable energy 4. Sewerage Treatment Plant
5. Water Harvesting |
|--|

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Fostering Global Immersion through International Internships
Title: Fostering Global Immersion through International Internships MITS collage is highly motivated to provide platform to its students to improve their personality and professional growth. For this MITS have a placement and internship cell which helps and provides students to explore the various opportunities and face the challenges. The cell provides advanced training techniques to meet the international standards and rise to the global competition. The main objective of this cell is 1. To provide qualitative challenging opportunities to the high achievers 2. To achieve a working knowledge of the practices through direct exposure 3. To promote intercultural awareness and communication 4. To gain opportunities to study and travel abroad and become an empowered global citizen. 5. To engage themselves in better research labs and to pursue higher goals 6. To explore the value of different research models as benchmarks To fulfil the above objectives of Placement and Internship cell of MITS follow the following prices 1. Incorporating the provision for opting internships as a mandate. 2. Providing a choice in the Project/internship slot within the curriculum for pre final year and final year students. 3. Motivating them to participate in open programs like NTU Singapore India Connect Program, MITACS Program or CCU Summer Internship etc. 4. Setting up of International Relations Office and identifying coordinators in all the departments to motivate the students and support them with reference letters. 5. Connecting the students to the international faculty to assimilate knowledge from high quality teachings. 6. Providing guidance and interacting with the parents to facilitate the higher education goals of the students. 7. Facilitating the advanced techniques like Skype, Hangout sessions to connect with international faculty. 8. Management support to the program by sponsoring one-way airfare as an incentive. 7. The success of this program is evident from the fact that a number of students were selected in past five years for Internships in various foreign countries like Germany, Japan, US, Finland, Dubai, Taiwan and Singapore from AY 2017-18 to AY 2019-20 shown in table below. The success of this program is evident from the fact that overall 60 students were selected in the academic year 2017-18, 2018-19 and 2019-20 for Internships in various foreign countries like Germany, Japan, US, Finland, Dubai, Taiwan and Singapore. In the academic year 2019-20 there were 16 students were selected for international internship and 36 students in the academic year 2018-19 from 8 students in academic year 2017-18. Further, eight students in academic year 2018-19 and ten students in 2019-20 were selected for MS program in various international universities.

Best Practice 2: Promotion of Research and Collaborative activities:
Title: Promotion of Research and Collaborative activities MITS institute always promote and encourage the faculty and students to actively involve and continue research work for their own learning and keep themselves updated with rapidly developing technologies in the respective research areas. The Incentive policy of MITS and "Student High Action Research Programme" --- SHARP programme were conceived to encourage faculty to pursue high quality research and to promote research culture in the institute transform into a world class institute. Also, the SHARP programme helps in

identifying and encouraging the meritorious students towards research from an early age. In this regard, attractive incentive policy is followed by the MITS to encourage the faculties to do more and more research on diverse areas and to publish it in various reputed publications. The faculty are provided with an incentive of Rs. 25000 for publication of research paper in SCI and Scopus indexed journals. Incentive is paid to the team of investigators of research projects with external funding. Apart from incentive for research and publications, additional incentive is provided for completing consultancy projects to the faculty who are involved in it. Further, full Sponsorship (limited to Rs. 15,000/- each) is provided to the faculty for attending Conferences / Seminars / Workshops / Symposia. The SHARP Programme for students is a unique initiative where 200 students each from 1st, 2nd and 3rd years, were selected based on their interest and academic performance. One student from each year is allotted a faculty to work together on a particular research topic with at least 10 hours a week, besides their regular work. Performance is monitored on a monthly basis to assess the progress of the student. The success of these policy and program can be measured with the quantitative outcomes in terms of number of publications, patents, and projects for the Academic Year 2019-20. In the academic year 2019-20, total number of 392 publications achieved, 8 patents filed and published, and 4 projects were completed with the institution affiliation. Total projects of worth Rs. 89.17 lakhs from various funding agencies including DST, SERB, AICTE, La Foundation etc. have been completed in the Academic year 2019-20. The institution observes increase in the number of active student participation along with faculty members in national and international symposia, conferences and publication in journals

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

<https://mits.ac.in/bestpractices.html>

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

To achieve the vision, institute's distinctiveness lies with its Academic programmes which promote Massive Open Online Courses (MOOC) by integrating it with the curriculum itself. Learning through MOOC uses technology which is considered as the most promising development in the field of providing education. There has been a massive change in the way of delivering knowledge with the globalization of technology. A student can opt for a desired course from anywhere. It is a global learning environment which helps the students to grow as skilled professionals. 24/7 access to learning resources, connecting to the professors- everything happens without geographical boundary. MOOC has emerged as a result of significant change in the use of technology to deliver education. MITS keep Promoting MOOCs among the students so that they can improve their skill through virtual learning from the professors of various IITs. This helps them to be updated with the current knowledge, improving their employability and to meet the industry expectations and global competition. The promotion of MOOC has been made among the students in the following way. First of all, academic curriculum incorporated the provision for opting MOOCs Courses for each year from second year to final year. Then, a mentor is allotted for each MOOC Course to support the students to assimilate knowledge from the high quality teachings. Further, the institute as the local chapter recognized by the SWAYAM-NPTEL, the Institute provides transport facilities if the students' exam center is allotted in other institutes. Apart from the students, the Institute encourages all the teaching faculty to register for NPTEL Courses with a vision to constantly upgrade the skills of faculty which results in better teaching and delivering to the students. Every year the institution

experiences a good number of registrations from the interested students and faculties for various NPTEL courses to improve their knowledge level. Every semester, more than one thousand students registered for the MOOC-NPTEL course from MITS collage followed by more than 100 faculties. MITS has been performing very well for past many years. Out of 2212 local chapters, MITS has been securing NPTEL-AAA grading in the country for seven consecutive times (from 2016-2019). Number of NPTEL toppers in the Academic Year 2019-2020 is 164. In the year 2019, the improvement has been clearly seen in the students' performance when we compared the data with the year 2018 data with numbers of toppers as 164 and 52 gold medalist. More than 3000 students were qualified in each semester of academic year 2019 as compared to the each semester of academic year 2018 i.e. more than 2000 students. Further, the number of toppers from MITS collage is also increased in 2019 as compared to 2018 with a good number of students mark their place in the elite group i.e. approximately 5000 students in academic year 2018-19 to more than 6400 in the academic year 2019-20.

Provide the weblink of the institution

<https://www.mits.ac.in/swayamnptel.html>

8.Future Plans of Actions for Next Academic Year

Student's Progression 1. To place more than 85 of the students with salary of 4 lakhs per annum. 2. To motivate the students to pursue higher studies by enabling them to crack competitive exams. 3. To encourage the students to participate in activities concerning entrepreneurship, innovation and incubation. Research and Development 1. To encourage faculty members to publish papers in SCI / SCOPUS Journals and Conferences and file patents. 2. To increase the number of proposals submitted to funded agencies and get research grants. • To improve NAAC grade to A through reassessment • To secure NIRF (India) Rankings with 100 • To revise syllabus for all UG and PG Programmes with focus on Skill Oriented Courses to enhance employability. • To encourage faculty members to upgrade their skills by participating in webinars / workshops / faculty development programmes and self-learning through MOOC's.