

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS)

(Deemed to be University)

NAAC RAF:

NAAC Revised Manual for Autonomous colleges

w.e.f.1st Feb 2023

SSR NEW Format (9-8-2023)



27th April 2026



Estd:1998

**Presentation by
Dr. K. Sathesh
IQAC & NAAC Coordinator**


**Madanapalle Institute of Technology & Science,
(Deemed to be University)
Madanapalle - Kadiri Road,
kurabalakota Mandal, Madanapalle-517325
Andhra Pradesh, India,
www.mits.ac.in**

NAAC Revised Manual (Autonomous Colleges): W.e.f. February 2023

1. Institutional Grades and Accreditation Status
2. Distribution of Metrics and Key Indicators across Criteria
3. Criteria's with Weightages
4. Distribution of weightages across Key Indicators (KIs) Criteria wise
5. Criteria wise Qualitative Metrics (QIM) & Quantitative Metrics (QnM) with Weightages
6. Criteria wise Qualitative Metrics (Q1M) & Quantitative Metrics (QnM) Details
7. AQAR Framework: Distribution of Metrics Across Criteria
8. Breakdown of Qualitative and Quantitative Metrics in AQAR (Autonomous Colleges)
9. References

1. Institutional Grades and Accreditation Status

Range of Institutional Cumulative Grade Point Average (CGPA)	Letter Grade	Status
3.51 – 4.00	A++	Accredited
3.26 – 3.50	A+	Accredited
3.01 – 3.25	A	Accredited
2.76 – 3.00	B++	Accredited
2.51 – 2.75	B+	Accredited
2.01 – 2.50	B	Accredited
1.51 – 2.00	C	Accredited
≤ 1.50	D	Not Accredited


MITS
CGPA - 3.30
Letter Grade - A+
Validity - Sep 2021 to Sep 2026

2. Distribution of Metrics and Key Indicators across Criteria

Type of HEIs	Autonomous Colleges
Criteria	7
Key Indicators (KIs)	34
Qualitative Metrics (Q ₁ M)	35
Quantitative Metrics (Q _n M)	50
Total Metrics (Q ₁ M + Q _n M)	85

3. Criteria's with Weightages

CRITERIA	CRITERIA WEIGHTAGE
Criterion-I. Curricular Aspects	150
Criterion-II. Teaching - Learning and Evaluation	300
Criterion-III. Research, Innovations and Extension	150
Criterion-IV. Infrastructure and Learning Resources	100
Criterion-V. Student Support and Progression	100
Criterion-VI. Governance, Leadership and Management	100
Criterion-VII. Institutional Values and Best Practices	100
TOTAL SCORE	1000

Extended Profile of the Autonomous College (Denominator)

Extended Profile No	Description	Used in Calculation of Metric
1.1	Number of students on rolls year wise during last five years	2.2.2 4.3.2 5.1.1
1.2	Number of final year outgoing students year wise during last five years	2.6.2 5.2.1 5.2.2
2.1	Number of full time teachers year wise during the last five years	2.2.2 2.4.1 2.4.3 3.2.2 3.4.5 3.4.6 6.3.2 6.3.3
2.2	Total number of full time teachers worked/working in the institution (without repeat count) during last five years: _____	2.4.2 3.1.3 3.2.2 3.4.4 3.4.5 3.4.6
3.1	Total expenditure excluding salary year wise during the last five years (INR in lakhs)	4.1.2 4.2.2 4.4.1

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
1. Curricular Aspects (Input) (150)	1.1 Curriculum Design and Development	50
	1.2 Academic Flexibility	30
	1.3 Curriculum Enrichment	50
	1.4 Feedback System	20
Total Marks		150

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
2. Teaching- Learning and Evaluation (Process) (300)	2.1 Student Enrolment and Profile	20
	2.2 Catering to Student Diversity	30
	2.3 Teaching-Learning Process	50
	2.4 Teacher Profile and Quality	50
	2.5 Evaluation Process and Reforms	50
	2.6 Student Performance and Learning Outcomes	50
	2.7 Student Satisfaction Survey	50
Total Marks		300

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
3. Research, Innovations and Extension (Outcome) (150)	3.1 Promotion of Research and Facilities	20
	3.2 Resource Mobilization for Research	10
	3.3 Innovation Ecosystem	10
	3.4 Research Publications and Awards	30
	3.5 Consultancy	10
	3.6 Extension Activities	50
	3.7 Collaboration	20
Total Marks		150

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
4. Infrastructure and Learning Resources (Input) (100)	4.1 Physical Facilities	30
	4.2 Library as a Learning Resource	20
	4.3 IT Infrastructure	30
	4.4 Maintenance of Campus Infrastructure	20
Total Marks		100

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
5. Student Support and Progression (Process & Outcome) (100)	5.1 Student Support	30
	5.2 Student Progression	30
	5.3 Student Participation and Activities	30
	5.4 Alumni Engagement	10
Total Marks		100

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
6. Governance, Leadership and Management (Input & Process) (100)	6.1 Institutional Vision and Leadership	15
	6.2 Strategy Development and Deployment	10
	6.3 Faculty Empowerment Strategies	30
	6.4 Financial Management and Resource Mobilization	15
	6.5 Internal Quality Assurance System	30
Total Marks		100

4. Distribution of weightages across Key Indicators (KIs) Criteria wise

Criteria	Key Indicators	Weightage
7. Institutional Values and Best Practices (Outcome) (100)	7.1 Institutional Values and Social Responsibilities	50
	7.2 Best Practices	30
	7.3 Institutional Distinctiveness	20
Total Marks		100

5. Criteria wise Qualitative Metrics (QIM) & Quantitative Metrics (QnM) with Weightages

Criteria	QIM Metrics (Qualitative)		QnM Metrics (Quantitative)	
	Count	Weightage	Count	Weightage
1. Curricular Aspects (150)	3	65	4	85
2. Teaching - Learning and Evaluation (300)	6	110	11	190
3. Research, Innovations and Extension (150)	3	46	14	104
4. Infrastructure and Learning Resources (100)	5	65	4	35
5. Student Support and Progression (100)	3	21	8	79
6. Governance, Leadership and Management (100)	7	56	5	44
7. Institutional Values and Best Practices (100)	8	79	4	21
Total	35	442	50	558
Grand Total	1000			
Total Metrics (QIM +QnM)	85			

Criteria-1 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	QIM Metrics (Qualitative)		QnM Metrics (Quantitative)	
		QIM	Marks	QnM	Marks
Criterion-I. Curricular Aspects	150	1.1.1	20	1.2.1	30
		1.1.2	30	1.3.2	25
		1.3.1	15	1.3.3	10
				1.4.1	20
	Total	3	65	4	85

Criteria-2 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	QIM Metrics (Qualitative)		QnM Metrics (Quantitative)	
		QIM	Marks	QnM	Marks
Criterion-II. Teaching-Learning and Evaluation	300	2.2.1	15	2.1.1	10
		2.3.1	30	2.1.2	10
		2.3.2	10	2.2.2	15
		2.3.3	10	2.4.1	15
		2.5.3	15	2.4.2	25
		2.6.1	30	2.4.3	5
				2.4.4	5
				2.5.1	20
				2.5.2	15
				2.6.2	20
				2.7.1	50
Total		6	110	11	190

Criteria-3 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	QIM Metrics (Qualitative)		QnM Metrics (Quantitative)	
		QIM	Marks	QnM	Marks
Criterion-III. Research, Innovations and Extension	150	3.1.1	6	3.1.2	8
		3.3.1	10	3.1.3	6
		3.6.1	30	3.2.1	5
				3.2.2	2
				3.2.3	3
				3.4.1	5
				3.4.2	5
				3.4.3	5
				3.4.4	5
				3.4.5	5
				3.4.6	5
				3.5.1	10
				3.6.2	20
		3.7.1	20		
Total		3	46	14	104

Criteria-4 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	QIM Metrics (Qualitative)		QnM Metrics (Quantitative)	
		QIM	Marks	QnM	Marks
Criterion-IV. Infrastructure and Learning Resources	100	4.1.1	20	4.1.2	10
		4.2.1	15	4.2.2	5
		4.3.1	12	4.3.2	10
		4.3.3	8	4.4.1	10
		4.4.2	10		
Total		5	65	4	35

Criteria-5 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	Q1M Metrics (Qualitative)		QnM Metrics (Quantitative)	
		Q1M	Marks	QnM	Marks
Criterion-V. Student Support and Progression	100	5.1.2	6	5.1.1	11
		5.3.2	10	5.1.3	8
		5.4.2	5	5.1.4	5
				5.2.1	20
				5.2.2	10
				5.3.1	15
				5.3.3	5
				5.4.1	5
Total		3	21	8	79

Criteria-6 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	Q1M Metrics (Qualitative)		QnM Metrics (Quantitative)	
		Q1M	Marks	QnM	Marks
Criterion-VI. Governance, Leadership and Management	100	6.1.1	15	6.2.2	4
		6.2.1	6	6.3.2	15
		6.3.1	5	6.3.3	10
		6.4.1	5	6.4.2	5
		6.4.3	5	6.5.3	10
		6.5.1	10		
		6.5.2	10		
Total		7	56	5	44

Criteria-7 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Criteria Weightage	Q1M Metrics (Qualitative)		QnM Metrics (Quantitative)	
		Q1M	Marks	QnM	Marks
Criterion-VII. Institutional Values and Best Practices	100	7.1.1	5	7.1.2	6
		7.1.3	6	7.1.4	5
		7.1.5	4	7.1.6	5
		7.1.7	5	7.1.10	5
		7.1.8	5		
		7.1.9	4		
		7.2.1	30		
		7.3.1	20		
Total		8	79	4	21

7. AQAR Framework: Distribution of Metrics Across Criteria

Type of HEIs	Autonomous Colleges (AQAR)
Criteria	7
Qualitative Metrics (Q ₁ M)	35
Quantitative Metrics (Q _n M)	58
Total Metrics (Q ₁ M + Q _n M)	93

8. Breakdown of Qualitative and Quantitative Metrics in AQAR (Autonomous Colleges)

Criteria	Qualitative Metrics (QIM)	Quantitative Metrics (QnM)
Extended Profile		6
1 Curricular Aspects	2	7
2 Teaching Learning & Evaluation	7	8
3 Research, Innovations & Extensions	2	17
4 Infrastructure & Learning Resources	5	5
5 Student Support & Progression	2	9
6 Governance, Leadership and Management	9	6
7 Institutional Values & Best Practices	8	
Sub Total	35	58
Total		93

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Extended Profile Quantitative Metrics (QnM)

Criteria	QnM Metrics (Quantitative)
Extended Profile	1.1
	2.1
	2.2
	2.3
	3.1
	3.2
Total	6

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-1 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-I. Curricular Aspects	1.1.1	1.1.2
	1.3.1	1.1.3
		1.2.1
		1.2.2
		1.3.2
		1.3.3
		1.3.4
Total	2	7

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-2 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-2. Teaching Learning & Evaluation	2.2.1	2.1.1.1
	2.3.1	2.1.2
	2.3.2	2.4.1
	2.3.4	2.4.2
	2.5.3	2.4.3
	2.6.1	2.5.1
	2.6.2	2.5.2
		2.6.3.1
Total	7	8

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-3 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-3. Research, Innovations & Extensions	3.3.1	3.1.2.1
	3.6.1	3.1.3
		3.2.1
		3.2.2
		3.2.3
		3.2.4
		3.3.2
		3.4.2.1
		3.4.3
		3.4.4
		3.5.1
		3.5.2
		3.6.2
		3.6.3
		3.6.4
		3.7.1
	3.7.2	
Total	2	17

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-4 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-4 Infrastructure & Learning Resources	4.1.1	4.1.3
	4.1.2	4.1.4
	4.2.1	4.2.2
	4.3.1	4.2.3
	4.4.2	4.3.4
Total	5	5

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-5 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-5 Student Support & Progression	5.3.2	5.1.1
	5.4.1	5.1.2
		5.1.3
		5.1.4
		5.2.1
		5.2.2
		5.2.3
		5.3.1
		5.3.3
Total	2	9

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-6 Qualitative Metrics (Q1M) & Quantitative Metrics (QnM)

Criteria	Q1M Metrics (Qualitative)	QnM Metrics (Quantitative)
Criterion-6 Governance, Leadership and Management	6.1.1	6.2.3
	6.1.2	6.3.2
	6.2.1	6.3.3
	6.2.2	6.3.4
	6.3.1	6.4.2
	6.4.1	6.5.3
	6.4.3	
	6.5.1	
	6.5.2	
Total	9	6

8. Breakdown of Qualitative and Quantitative Metrics in AQAR

Criteria-7 Qualitative Metrics (Q1M)

Criteria	QIM Metrics (Qualitative)
Criterion-7 Institutional Values & Best Practices	7.1.1
	7.1.3
	7.1.8
	7.1.9
	7.1.11
	7.2.1
	7.3.1
	7.3.2
Total	8

SSR

Type of HEIs	Autonomous Colleges
Criteria	7
Key Indicators (KIs)	34
Qualitative Metrics (Q ₁ M)	35
Quantitative Metrics (Q _n M)	50
Total Metrics (Q ₁ M + Q _n M)	85

AQAR

Type of HEIs	Autonomous Colleges (AQAR)
Criteria	7
Qualitative Metrics (Q ₁ M)	35
Quantitative Metrics (Q _n M)	58
Total Metrics (Q ₁ M + Q _n M)	93

References

1. **Manual for Autonomous Colleges –**
http://naac.gov.in/images/docs/Manuals/manuals_new/Autonomos Manual 29-03-2023 Updated 9-8-2023.pdf
2. **Autonomous College Benchmarks -**
<http://naac.gov.in/images/docs/Manuals/Autonomous BM 3032023.pdf>
3. **Autonomous College SOP -**
<http://naac.gov.in/images/docs/Manuals/Autonomus College SOP modified on 11-01-2024.pdf>
4. **Autonomous College Templates -**
http://naac.gov.in/images/docs/Manuals/manuals_new/Revised Autonomous College Data template 19-2-2022 9-8-2023.xlsx
5. **Steps for Filing & Submission of AQAR -**
<http://naac.gov.in/images/docs/AQAR ONLINE/Process---of-AQAR- 16-02-2020.pdf>



Thank You