# NAAC

**Institutional Assessment and Accreditation**

**(Effective from July 2017)**

**Accreditation - (Cycle: 2)**

## MAHENDRA ENGINEERING COLLEGE (AUTONOMOUS), Tiruchengode Namakkal, Tamil Nadu, 637503

**Track ID : TNCOGN15251**

**AISHE-ID : C-37054**

**Visit dates : 04 - 07 - 2023 to 05 - 07 - 2023**

# Grade Sheet

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

An Autonomous Institution of the University Grants Commission

P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

**Name of the Institution: MAHENDRA ENGINEERING COLLEGE (AUTONOMOUS)**
**Type of the Institution: Autonomous colleges**
**Dates of Visit: 04 - 07 - 2023 to 05 - 07 - 2023**

| No | Criteria | Weightage $(W_i)$ | Criterion-wise weighted Grade Point $(CrWGP_i)$ | Criterion-wise Grade Point Averages $(CrWGP_i /W_i)$ |
|----|----------|------------------|----------------------------------------------|------------------------------------------------------|
| 1 | Curricular Aspects | 150 | 570 | 3.8 |
| 2 | Teaching-learning and Evaluation | 300 | 1014 | 3.38 |
| 3 | Research, Innovations and Extension | 147 | 461 | 3.14 |
| 4 | Infrastructure and Learning Resources | 100 | 394 | 3.94 |
| 5 | Student Support and Progression | 90 | 360 | 4 |
| 6 | Governance, Leadership and Management | 90 | 325 | 3.61 |
| 7 | Institutional Values and Best Practices | 100 | 346 | 3.46 |
| | **Total** | $\sum_{i=1}^{7} (W_i) = 977$ | $\sum_{i=1}^{7} (CrWGP_i) = 3470$ | **3.55** |

$$\text{Institutional CGPA} = \sum_{i=1}^{7} (CrWGP_i) / \sum_{i=1}^{7} (W_i) = 3470 / 977 = 3.55$$

**Grade: A++**

**Name of the Institution: MAHENDRA ENGINEERING COLLEGE (AUTONOMOUS)**
**Type of the Institution: Autonomous colleges**
**Dates of Visit: 04 - 07 - 2023 to 05 - 07 - 2023**

| No | Criteria and Key Indicators | Key Indicator Weightage $(W_i)$ | Key Indicator Wise Weighted Grade Points $(KIWGP)_i$ |
|---|---|---|---|
| **Criterion 1: Curricular Aspects** | | | |
| 1.1 | Curriculum Design and Development | 50 | 180 |
| 1.2 | Academic Flexibility | 40 | 160 |
| 1.3 | Curriculum Enrichment | 40 | 150 |
| 1.4 | Feedback System | 20 | 80 |
| **Total** | | $\sum W_1 = 150$ | $\sum (KIWGP)_1 = 570$ |
| **Calculated CrGPA$_1$ = $\sum (KIWGP)_1 / \sum W_1$ = 570 /150 = 3.8** | | | |
| **Criterion 2: Teaching-learning and Evaluation** | | | |
| 2.1 | Student Enrollment and Profile | 20 | 80 |
| 2.2 | Catering to Student Diversity | 30 | 120 |
| 2.3 | Teaching- Learning Process | 50 | 185 |
| 2.4 | Teacher Profile and Quality | 50 | 75 |
| 2.5 | Evaluation Process and Reforms | 50 | 185 |
| 2.6 | Student Performance and Learning Outcomes | 50 | 170 |
| 2.7 | Student Satisfaction Survey | 50 | 199 |
| **Total** | | $\sum W_2 = 300$ | $\sum (KIWGP)_2 = 1014$ |
| **Calculated CrGPA$_2$ = $\sum (KIWGP)_2 / \sum W_2$ = 1014 /300 = 3.38** | | | |
| **Criterion 3: Research, Innovations and Extension** | | | |
| 3.1 | Promotion of Research and Facilities | 20 | 80 |
| 3.2 | Resource Mobilization for Research | 7 | 26 |
| 3.3 | Innovation Ecosystem | 10 | 35 |
| 3.4 | Research Publications and Awards | 30 | 75 |
| 3.5 | Consultancy | 10 | 40 |
| 3.6 | Extension Activities | 50 | 125 |
| 3.7 | Collaboration | 20 | 80 |
| **Total** | | $\sum W_3 = 147$ | $\sum (KIWGP)_3 = 461$ |
| **Calculated CrGPA$_3$ = $\sum (KIWGP)_3 / \sum W_3$ = 461 /147 = 3.14** | | | |
| **Criterion 4: Infrastructure and Learning Resources** | | | |
| 4.1 | Physical Facilities | 30 | 114 |
| 4.2 | Library as a Learning Resource | 20 | 80 |
| 4.3 | IT Infrastructure | 30 | 120 |
| 4.4 | Maintenance of Campus | 20 | 80 |

| No | Criteria and Key Indicators | Key Indicator Weightage $(W_i)$ | Key Indicator Wise Weighted Grade Points $(KIWGP)_i$ |
|---|---|---|---|
| | Infrastructure | | |
| **Total** | | $\Sigma\ W_4=100$ | $\Sigma\ (KIWGP)_4 =394$ |

**Calculated CrGPA₄ =** $\Sigma\ (KIWGP)_4 / \Sigma\ W_4$ **= 394 /100 = 3.94**

| No | Criteria and Key Indicators | Key Indicator Weightage $(W_i)$ | Key Indicator Wise Weighted Grade Points $(KIWGP)_i$ |
|---|---|---|---|
| **Criterion 5: Student Support and Progression** | | | |
| 5.1 | Student Support | 30 | 120 |
| 5.2 | Student Progression | 20 | 80 |
| 5.3 | Student Participation and Activities | 30 | 120 |
| 5.4 | Alumni Engagement | 10 | 40 |
| **Total** | | $\Sigma\ W_5=90$ | $\Sigma\ (KIWGP)_5 =360$ |

**Calculated CrGPA₅ =** $\Sigma\ (KIWGP)_5 / \Sigma\ W_5$ **= 360 /90 = 4**

| No | Criteria and Key Indicators | Key Indicator Weightage $(W_i)$ | Key Indicator Wise Weighted Grade Points $(KIWGP)_i$ |
|---|---|---|---|
| **Criterion 6: Governance, Leadership and Management** | | | |
| 6.1 | Institutional Vision and Leadership | 10 | 35 |
| 6.2 | Strategy Development and Deployment | 10 | 40 |
| 6.3 | Faculty Empowerment Strategies | 30 | 116 |
| 6.4 | Financial Management and Resource Mobilization | 10 | 34 |
| 6.5 | Internal Quality Assurance System | 30 | 100 |
| **Total** | | $\Sigma\ W_6=90$ | $\Sigma\ (KIWGP)_6 =325$ |

**Calculated CrGPA₆ =** $\Sigma\ (KIWGP)_6 / \Sigma\ W_6$ **= 325 /90 = 3.61**

| No | Criteria and Key Indicators | Key Indicator Weightage $(W_i)$ | Key Indicator Wise Weighted Grade Points $(KIWGP)_i$ |
|---|---|---|---|
| **Criterion 7: Institutional Values and Best Practices** | | | |
| 7.1 | Institutional Values and Social Responsibilities | 50 | 196 |
| 7.2 | Best Practices | 30 | 90 |
| 7.3 | Institutional Distinctiveness | 20 | 60 |
| **Total** | | $\Sigma\ W_7=100$ | $\Sigma\ (KIWGP)_7 =346$ |

**Calculated CrGPA₇ =** $\Sigma\ (KIWGP)_7 / \Sigma\ W_7$ **= 346 /100 = 3.46**

| | | | |
|---|---|---|---|
| **Grand Total** | | **977** | **3470** |

$$\text{Institutional CGPA} = \sum_{i=1}^{7} (CrWGP_i) / \sum_{i=1}^{7} (W_i) = 3470 / 977 = 3.55$$