



MOTHER TERESA INSTITUTE OF SCIENCE AND TECHNOLOGY

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Pre-Qualifier Pro-forma for UG Engineering & Technology

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Institute Name: MOTHER TERESA INSTITUTE OF SCIENCE AND TECHNOLOGY				Program Name : Mechanical Engg.			
Discipline: Engineering & Technology			Level : Under Graduate				Tier: 2

Program Specific Information

NAME OF PROGRAM	PROGRAM APPLIED LEVEL	START OF YEAR	YEAR OF AICTE APPROVAL	INITIAL INTAKE	INTAKE INCREASE	CURRENT INTAKE	ACCREDITATION STATUS	From	To	PROGRAM FOR CONSIDERATION	PROGRAM FOR Duration														
B.Tech in Mechanical Engineering	UG	2011	2011	60	Yes	30	Applying first time	--	--	Yes	4														
Sanctioned Intake for Last Five Years for the B.Tech in Mechanical Engineering																									
<table border="1"> <thead> <tr> <th>Academic Year</th><th>Sanctioned Intake</th></tr> </thead> <tbody> <tr><td>2021-22</td><td>30</td></tr> <tr><td>2020-21</td><td>30</td></tr> <tr><td>2019-20</td><td>60</td></tr> <tr><td>2018-19</td><td>60</td></tr> <tr><td>2017-18</td><td>60</td></tr> <tr><td>2016-17</td><td>60</td></tr> </tbody> </table>												Academic Year	Sanctioned Intake	2021-22	30	2020-21	30	2019-20	60	2018-19	60	2017-18	60	2016-17	60
Academic Year	Sanctioned Intake																								
2021-22	30																								
2020-21	30																								
2019-20	60																								
2018-19	60																								
2017-18	60																								
2016-17	60																								
M. Tech in Advanced Manufacturing System	PG	2012	2012	18	No	18	Eligible but not applied	--	--	No	2														

Student Admission

Student Admissions (Institute level considering all UG programs)

Item	2021-22	2020-21	2019-20	Total
Sanctioned Intake	360	360	360	1080
Number of students admitted (Corresponding to sanctioned intake)	202	159	198	559
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)				51.76

Student Admissions (Program specific)

Item	2021-22	2020-21	2019-20	2018-19	Total (CAYm1+CAYm2+CAYm3)
Sanctioned Intake of the program (N)	30	30	60	60	150
Total number of students admitted in first year (N1)	5	4	18	18	40
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	7	10	21	38
Total number of students admitted in the Program (N1 + N2)	5	11	28	39	78
% of Students Admitted over the previous three academic years starting from CAYm1 (Total Admitted/Sanctioned Intake):					52

Information of Faculty

Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	Currently Associated with(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr. Sk. Jakeer Hussain	BYXPS4740P	ME/M. Tech and PhD	17/01/2017	Machine Design	Associate Professor	01/09/2021	01/09/2021	Regular	Yes		Yes
Mr. T. Raghavaraju	AWMPT3198C	M.E/M.Tech	07/10/2015	Advanced Manufacturing System	Assistant Professor		09/11/2015	Regular	Yes		No
Mr. B. Seshagirirao	BLPPB6017P	M.E/M.Tech	27/11/2014	Advanced Manufacturing System	Assistant Professor		01/12/2014	Regular	Yes		No
Mr. G.Venkateswararao	ASQPD7214H	M.E/M.Tech	10/12/2014	CAD/CAM	Assistant Professor		01/12/2014	Regular	Yes		No
Mr. M. Laxmi Prasad	BQMPM7761D	M.E/M.Tech	16/08/2016	Thermal engineering	Assistant Professor		03/01/2017	Regular	Yes		No
Mr. T. Ayyappa	BJBPT6510M	M.E/M.Tech	30/01/2017	Thermal engineering	Assistant Professor		30/07/2019	Regular	No	24/12/2021	No
Mr. N. Murali Krishna	BNUPN8724N	M.E/M.Tech	06/02/2019	Advanced Manufacturing System	Assistant Professor		01/03/2019	Regular	Yes		No
Mr. Y. Nagaraju	AOSPY9542F	M.E/M.Tech	06/02/2019	Advanced Manufacturing System	Assistant Professor		01/03/2019	Regular	Yes		No
Mr. N.CH. Sai Prathap	BSDPN0707K	M.E/M.Tech	12/11/2019	Machine Design	Assistant Professor		13/11/2019	Regular	No	31/08/2021	No
Mr. B. Samba Sivarao	BEWPB0573C	M.E/M.Tech	21/02/2018	Aeronautical Engineering	Assistant Professor		03/11/2020	Regular	Yes		No
Mr. K. Padma Raju	BRXPR6665M	M.E/M.Tech	08/04/2017	Machine Design	Assistant Professor		02/08/2021	Regular	Yes		No
Mr. B. Balaji	AOCPB8387F	M.E/M.Tech	10/10/2014	Advanced Manufacturing System	Assistant Professor		03/11/2014	Regular	No	10/06/2021	No
Mrs. Ch. Nagini	BDSPC7209P	M.E/M.Tech	06/02/2019	Advanced Manufacturing System	Assistant Professor		01/03/2019	Regular	No	05/06/2021	No
Mr. T. Sambasiva Rao	APMPT3011P	M.E/M.Tech	10/11/2014	CAD/CAM	Assistant Professor		14/07/2017	Regular	No	04/05/2020	No
Mr. Tejavath Ravi	ALUPT1621R	M.E/M.Tech	10/01/2009	Machine Design	Assistant Professor		07/06/2018	Regular	No	02/06/2020	No
Mr.K. Kishore Kumar	COAPK7485P	M.E/M.Tech	21/10/2014	Advanced Manufacturing System	Assistant Professor		02/01/2017	Regular	Yes		No
Dr. T.V.S. Raghavendra	AGBPR7531G	ME/M. Tech and PhD	05/03/2014	Supply chain management	Professor	26/08/2019	26/08/2019	Regular	No	31/05/2021	No

Designation	Number of faculty in the Department for both UG and PG *		
	2021-22	2020-21	2019-20
Professor	0(R) + 0(C)	1(R) + 0(C)	1(R) + 0(C)
Associate Professor	1(R) + 0(C)	0(R) + 0(C)	0(R) + 0(C)
Assistant Professor	9(R) + 0(C)	12(R) + 0(C)	13(R) + 0(C)
Number of Ph.D (as per the AICTE norms)	1	1	1

* At least one Professor or Associate professor with PhD. degree on regular basis should be available exclusively for the department of the program under consideration.

Student Faculty Ratio (No. of faculty as per the sanctioned intake)

UG

No. of UG Programs in the Department : 1

B.Tech in Mechanical Engineering						
Year of Study	CAY		CAYm1		CAYm2	
	(2021-22)		(2020-21)		(2019-20)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	30	0	60	6	60	6
3rd Year	60	6	60	6	60	12
4th Year	60	6	60	12	60	11
Sub-Total	150	12	180	24	180	29
Total	162		204		209	

PG

No. of PG Programs in the Department : 1

M. Tech in Advanced Manufacturing System			
Year of Study	(2021-22)	(2020-21)	(2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1 st Year	18	18	18
2 nd Year	18	18	18
Total	36	36	36

SFR

No. of UG Programs in the Department : 1

No. of PG Programs in the Department : 1

Description	2021-22	2020-21	2019-20
Total No. of Students in the Department(S)	198 Sum total of all (UG+PG) students	240 Sum total of all (UG+PG) students	245 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	10 F1	13 F2	14 F3
Student Faculty Ratio(SFR)	19.80 SFR1=S1/F1	18.46 SFR2=S1/F1	17.50 SFR3=S3/F3
Average SFR	18.59 SFR=(SFR1+SFR2+SFR3)/3		

F=Total Number of Faculty Members in the Department (excluding first year faculty)

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjunct Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

Placement Ratio

Year	No. of Students appeared in final year examination (N)	No. of Students Graduated out of Students appeared in final year examination(G)	Z = (No. of Students Placed + selected for higher studies + opted Entrepreneurship)	Placement Ratio(Z/N)
2020-21	22	14	13	.59
2019-20	27	23	16	.59
2018-19	15	14	10	.67
				Average Placement Ratio .62
				Percentage 62

Compliance Status to Pre-visit Qualifiers - Essential qualifiers

Sr. No	Discipline	Current status	Compliance Status Complied/Not Complied
1	Vision, Mission & PEOs i. Are the Vision & Mission of the Department stated in the Prospectus / Website? ii. Are the PEOs of the Program listed in the Prospectus / Website?	Yes	Complied
2	Whether approval of PCI/ AICTE for the programs under consideration has been obtained for last 5 years including current year	Yes	Complied
3	Whether faculty student ratio in the department under consideration is better than or equal to 1:25 averaged over previous three academic years including Current academic Year.	Yes	Complied
4	Whether at least one Professor or one Associate Professor on regular basis with Ph.D. degree is available in the respective Department during previous two academic years including current academic year.	Yes	Complied
5	Whether number of available Ph.Ds. in the department is greater than or equal to 10% of the required number of faculty averaged for previous two academic years including current academic year.	Yes	Complied
6	Whether two batches have passed out in the programs under consideration	Yes	Complied
7	Whether admissions ((including lateral entry) in the undergraduate programs under consideration has been more than or equal to 50% for previous three academic years for CAYm1, CAYm2 and CAYm3.	Yes	Complied

Declaration

i)I hereby certify that the information provided in the pre-qualifier is true and correct to the best of my knowledge. In case, it is found that institution has deliberately provided false/incorrect information, the NBA reserves the right to take necessary action as per its rules and procedures.

ii (a). I hereby confirm that the departments has programs assessment and quality improvement committee;

iii (a). I hereby certify that the department under the consideration receives separately earmarked funds for

- i. Maintenance of laboratory/computational facilities(recurring funds)
- ii. Up-gradation of laboratory/computation facilities (non-recurring funds)