



### Bachelor Program

The Bachelor of Applied Medical Sciences in Biomedical Technology - Instruments is accredited by the Engineering Technology Accreditation Commission of ABET, <https://www.abet.org>, under the General Criteria and the Program Criteria for Healthcare Engineering Technology and Similarly Named Programs.

## **BMT-I Program Educational Objectives (PEOs)**

1. Keeping the program in pace with the rapidly changing biomedical technologies.
2. Recruiting qualified teaching staff.
3. Providing adequate facilities.
4. Equipping students with the knowledge, skills, and tools required for biomedical technology profession.
5. Developing students' critical thinking skills to tackle professional issues.
6. Providing graduates with communication, information technology, and long-life learning skills.
7. Equipping graduates with the profession responsibility and ethics.

## **ABET-ETAC SOs**

(SO1) an ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly defined engineering problems appropriate to the discipline;

(SO2) an ability to design systems, components, or processes meeting specified needs for broadly defined engineering problems appropriate to the discipline;

(SO3) an ability to apply written, oral, and graphical communication in broadly defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;

(SO4) an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes; and

(SO5) an ability to function effectively as a member as well as a leader on technical teams.

## Annual Student Data for the BMT-I Program (Up to 2022-2023)

			Overall Students Enrolled in the Program	New Incoming Students To the Program	Total Graduates From the Program
Academic Year	361-362 2015-16	M	143	32	38
		F	-	-	-
		<b>Total</b>	<b>143</b>	<b>32</b>	<b>38</b>
	371-372 2016-17	M	144	35	31
		F	-	-	-
		<b>Total</b>	<b>144</b>	<b>35</b>	<b>31</b>
	381-382 2017-18	M	134	28	31
		F	-	-	-
		<b>Total</b>	<b>134</b>	<b>28</b>	<b>31</b>
	391-392 2018-19	M	119	23	27
		F	-	-	-
		<b>Total</b>	<b>119</b>	<b>23</b>	<b>27</b>
	411-412 2019-20	M	113	23	32
		F	22	22	-
		<b>Total</b>	<b>135</b>	<b>45</b>	<b>32</b>
	421-422 2020-21	M	107	25	28
		F	61	37	-
		<b>Total</b>	<b>168</b>	<b>62</b>	<b>28</b>
	431-432 2021-22	M	101	27	29
		F	88	28	19
		<b>Total</b>	<b>189</b>	<b>55</b>	<b>48</b>
	441-443 2022-23	M	95	27	23
		F	105	37	27
		<b>Total</b>	<b>200</b>	<b>64</b>	<b>50</b>

## Cohort-Based Statistics for BMT-I Students (Up to June 2023)

				BMT-I Students Finalizing Program Course Requirements					Banned/ Transferred	Still Enrolled
				On Time*	1 Year Late	2 Years Late	3 Years Late	4 Years Late		
Students Enrolled in the Program During the Academic Year	361-362	M	32	6	16	8	-	-	2	0
	2015-16	F	-	-	-	-	-	-	-	-
	371-372	M	35	6	15	8	1	2**	3	0
	2016-17	F	-	-	-	-	-	-	-	-
	381-382	M	28	7	14	2	-	-	4	1
	2017-18	F	-	-	-	-	-	-	-	-
	391-392	M	23	6	14	1**	-	-	2	0
	2018-19	F	-	-	-	-	-	-	-	-
	411-412	M	23	11	8**	-	-	-	1	<u>3</u>
	2019-20	F	22	19	2**	-	-	-	-	<u>1</u>
	421-422	M	25	11**	-	-	-	-	1	<u>13</u>
	2020-21	F	37	25**	-	-	-	-	2	<u>10</u>
	431-432	M	27	-	-	-	-	-	-	<u>27</u>
	2021-22	F	28	-	-	-	-	-	-	<u>28</u>
	441-443	M	27	-	-	-	-	-	-	<u>27</u>
	2022-23	F	37	-	-	-	-	-	-	<u>37</u>

\* Three years following their enrollment in the program

\*\* Currently enrolled in the internship year