

## **WORK PACKAGE 5: PROJECT IMPACT AND OUTREACH**

### **ENGAGEMENT & ACTIVITIES**

#### **General Instructions:**

- Each Higher Education Institution will conduct these education and public engagement activities twice a year.
- Each Higher Education Institution (HEI) must adhere to specific protocols during BIOMED 5.0 events.
  - a. Protocols include setting up standees of BIOMED 5.0, wearing BIOMED 5.0 ID cards, and arranging backdrops for events.
  - b. HEIs are required to capture pictures and videos of each event for documentation purposes.
  - c. HEIs are required to take consent for all the activities in writing from the organization prior to visit.
- If the target audience is unreachable in one session, HEIs have the option to visit twice or if HEI feels they may combine two activities together e.g. Women in STEM and High School visit by visiting a Higher Secondary school having majority female audience.
- All HEIs are required to submit a comprehensive report, consisting of 2-3 pages, detailing the event proceedings and outcomes, within 1 to 2 weeks after the event.

#### **Action Plan -BUET**

S. No.	Activity Completion Date	Tasks	Deliverables	Mode	Target Audience
1.	August 2024	(T5.8) Secondary & Higher school visits. • Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	50 Students*
2.	September 2-4, 2024 (KeyTech 2024)	(T5.7) Participate in International Conference	1. Workshops/Keynote Speech 2. Poster Competition 3. Oral Presentation	Physical	250** Participants from HEI's
3.	17th to 19th October 2024	(T5.4) Health Asia Exhibition	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)

			5. Pictures and videos with short captions.		
4.	October 29-31, 2024	(T5.4) Participation in Community Events like DUHS-DICE.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
5.	November 2024	(T5.8) Women in STEM • Women Achievers in STEM.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	50 Students*
6.	December 2024	(T5.4) National Incubation Centres visits.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
7.	January 2025	(T5.8) Secondary & Higher school visits. • Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	50 Students*
8.	April 2025	(T5.8) Women in STEM • Women Achievers in STEM.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	50 Students*

9.	July <b>2025</b>	(T5.4) National Incubation Centres visits.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
10.	August-September <b>2025</b> (KeyTech <b>2025</b> )	(T5.5 & T5.7) Participate in International Conference	1. Workshops/Keynote Speech 2. Poster Competition Oral Presentation	Physical	250 ** Participants from HEI's
11.	October <b>2025</b>	(T5.4) Participation in Community Events like DUHS-DICE.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
12.	October <b>2025</b>	(T5.4) Health Asia Exhibition	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
13.	October-November <b>2025</b>	(T5.8) Education and Public Engagement: • 3D Printing	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions	Physical	Students and Lab Staff=50
14.	November-December <b>2025</b>	(T5.8) Education and Public Engagement: Fab Lab VR/AR	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis	Physical	Students and Lab Staff=50

			5. Pictures and videos with short captions		
15.	February <b>2026</b>	(T5.8) Secondary & Higher school visits. • Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	50 Students*
16.	April <b>2026</b>	(T5.8) Women in STEM • Women Achievers in STEM.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	50 Students*
17.	July <b>2026</b>	(T5.4) National Incubation Centres visits.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
18.	August <b>2026</b>	(T5.8) Education and Public Engagement: • 3D Printing	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions	Physical	Students and Lab Staff=50
19.	September <b>2026</b>	(T5.8) Education and Public Engagement: • Fab Lab VR/AR	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions	Physical	Students and Lab Staff=50

20.	September <b>2026</b> (KeyTech <b>2026</b> )	(T5.5 & T5.7) Participate in International Conference	1. Workshops/Keynote Speech 2. Poster Competition Oral Presentation	Physical	250** Participants from HEI's
21.	October <b>2026</b>	(T5.4) Participation in Community Events like DUHS-DICE.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
22.	October <b>2026</b>	(T5.4) Health Asia Exhibition	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)

## References

1. \*The details of student's ratio in Higher Secondary Schools and Women in STEM is  $100 \times 10 = 1000$ . Therefore; target of each HEI is of 100 students for visit in three years mentioned on page no 109 of BIOMED 5.0 Document.
2. \*\* Audience Participation ratio is mentioned on page no 21&109 of BIOMED 5.0 Document.
3. STEM Outreach Programme mentioned in **T5.8**
4. Education and Public engagement mentioned in **T5.4** on page no: 99
5. The total ratio of students and lab staff in Education and Public Engagement is 3000 for all HEI's which is covered in three sessions, mentioned on page no. 109 **E5.8, E5.9 & E5.10**.