



B.M.S. COLLEGE OF ENGINEERING, BENGALURU-19
Autonomous Institute, Affiliated to VTU

Title of the Practice : The Grand Challenge Impact Lab (GCIL), India - A Collaboration Program with University of Washington

1. Objectives of the Practice

The GCIL - a 15-credit course was offered to Washington University students to address global challenges. The visit date from 03.01.2024 to 31.03.2024. For the year 2025, the students are visiting the institution from 03.01.2025 to 15.03.2025

2. The Context

The Grand Challenge Impact Lab (GCIL) offers cross-cultural exposure, addressing global challenges. BMSCE provides accommodation, support, and organizes travel for students selected by the University of Washington for the program

3. The Practice

The UW-GCIL program, a collaboration between the University of Washington and BMSCE, engaged 20 students in addressing global challenges like food security and clean energy. Over 10 weeks, students developed solutions through interdisciplinary teamwork, mentorship, and real-world projects, culminating in a public evaluation of their work on March 7, 2024.

4. Evidence of Success

On March 7, 2023, students presented their GCIL project solutions to NGO representatives from BIOME, Parikrma, India Rising Trust, and Hasiru Dala. The NGOs appreciated the efforts and committed to reviewing and advancing the initiatives within their respective domains.





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5. Problems Encountered and Resources Required

Identifying global challenges, selecting students, preparing travel documents, and finding suitable NGOs were key challenges. With strong management support, the institution successfully completed the program, advancing solutions to global issues.

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