



British College
of **Technology**

RESEARCH PLAN

Prishtina, 2024

BCT's research plan will be structured around several key phases: developing foundational research capabilities, embedding industry and community-oriented research projects, supporting faculty professional growth, and establishing a continuous feedback loop for research quality improvement.

Phase 1: Establishing Foundational Research Capacities (Year 1)

In the initial phase, BCT will focus on establishing research frameworks and necessary resources to support both academic staff and student research activities.

- **Activities:**
 - Develop a **Research and Development Hub** to house resources, tools, and guidance for research projects.
 - Conduct **faculty training workshops** on research methodologies, proposal writing, and publishing.
 - Integrate **research components into student curricula**, introducing students to practical, research-oriented assignments in foundational courses.
- **Indicators:**
 - Number of research workshops conducted.
 - Percentage of students participating in introductory research activities.
 - Faculty feedback on the effectiveness of training sessions.

Phase 2: Enhancing Faculty-Led Research (Years 2-3)

Building on the foundational phase, BCT will prioritize faculty-led applied research that contributes to both academic knowledge and industry advancements.

- **Activities:**
 - Encourage faculty to pursue **applied research projects** aligned with their fields of expertise, specifically in high-demand areas like AI, cybersecurity, and data science.
 - Establish an annual **research fund** to support faculty proposals that align with industry needs or societal challenges.
 - Promote **collaborative research with industry partners**, inviting companies to co-sponsor projects or provide access to practical data and resources.
- **Indicators:**
 - Number of faculty research projects initiated and completed.
 - Publications in industry journals and conference presentations by faculty.

- Amount of external funding acquired through industry partnerships.

Phase 3: Expanding Student Research Opportunities (Years 2-4)

To foster a culture of inquiry among students, BCT will integrate research into higher-level courses and capstone projects.

- **Activities:**

- Introduce **capstone research projects** that require students to apply knowledge to real-world challenges, preferably with industry sponsorship.
- Offer **research assistantships** where students can work on faculty-led research projects, gaining practical experience in data collection, analysis, and reporting.
- Organize **student research presentations** and competitions to showcase student work and encourage academic rigor.

- **Indicators:**

- Percentage of students completing capstone projects rated as industry-ready.
- Number of students involved in research assistantships.
- Positive feedback from industry partners on student capstone projects.

Phase 4: Building Research Dissemination and Feedback Mechanisms (Years 3-5)

To strengthen the research impact, BCT will create mechanisms for research dissemination and feedback to refine research quality.

- **Activities:**

- Establish an **annual research symposium** to present research findings to the BCT community and external stakeholders.
- Launch an **internal review board** to provide feedback on ongoing research, ensuring alignment with BCT's strategic goals.
- Publish an **institutional research journal** to highlight faculty and student research, contributing to BCT's academic reputation.

- **Indicators:**

- Number of research projects presented at the symposium.
- Feedback ratings from symposium attendees and industry stakeholders.
- Number of articles published in the institutional journal.

This structured research plan for BCT focuses on gradually building a research culture, supporting faculty and student inquiry, and aligning research activities with industry and societal needs. By implementing these phases, BCT will be positioned as a leader in applied technology research within its region.

Research Plan Table:

Phase	Activities	Indicators	Time/Period of Implementation
Phase 1: Foundational Capacities	<ul style="list-style-type: none"> - Develop Research Hub - Conduct faculty training workshops on research skills - Integrate introductory research components in student curricula 	<ul style="list-style-type: none"> - Number of workshops - Student participation rates - Faculty feedback 	Year 1 <ul style="list-style-type: none"> - TM1: Research Hub development initiated - TM2: First faculty training workshop conducted - TM3: Research-integrated curricula introduced
Phase 2: Faculty Research Expansion	<ul style="list-style-type: none"> - Launch faculty-led applied research projects - Establish research funding for approved projects - Initiate partnerships with industry for co-sponsored research 	<ul style="list-style-type: none"> - Number of faculty projects - Publications - Industry-funded projects 	Years 2-3 Year 2 <ul style="list-style-type: none"> - TM1: First applied research projects begin - TM2: Research fund applications open for faculty - TM3: Initial industry partnerships formed Year 3 <ul style="list-style-type: none"> - TM1: Second round of faculty projects - TM2: Industry partnerships expanded
Phase 3: Student Research Growth	<ul style="list-style-type: none"> - Initiate capstone projects with industry input - Establish research assistantships for students 	<ul style="list-style-type: none"> - Completion of industry-ready capstone projects - Number of student research assistantships 	Years 2-4 Year 2 <ul style="list-style-type: none"> - TM2: Capstone project guidelines introduced - TM3: Research assistantships for students

	<ul style="list-style-type: none"> - Organize student research presentations and competitions 	<ul style="list-style-type: none"> - Feedback from industry on student projects 	<p>advertised</p> <p>Year 3</p> <ul style="list-style-type: none"> - TM1: First student research presentations and competitions held - TM2: Increased student involvement in research assistantships <p>Year 4</p> <ul style="list-style-type: none"> - TM1: Second round of capstone projects - TM2: Presentation and competition outcomes reviewed with industry
Phase 4: Research Dissemination	<ul style="list-style-type: none"> - Host annual research symposium - Form an internal review board for feedback - Launch an institutional research journal 	<ul style="list-style-type: none"> - Number of symposium participants - Stakeholder feedback - Number of articles published 	<p>Years 3-5</p> <p>Year 3</p> <ul style="list-style-type: none"> - TM1: Internal review board for research established - TM2: First annual research symposium hosted <p>Year 4</p> <ul style="list-style-type: none"> - TM2: Institutional journal launched, first edition published - TM3: Symposium expanded with increased student participation <p>Year 5</p> <ul style="list-style-type: none"> - TM1: Symposium and journal publication frequency reviewed for potential scale-up