

RESEARCH AREA:  
**SOCIAL SCIENCES (POLITICAL SCIENCES, LAW, EDUCATIONAL SCIENCES)**

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## SHARED ACADEMIC SPACES

### RESEARCH ON THE IMPACT OF SHARED ACADEMIC SPACES ON STUDENT MOTIVATION AND ACHIEVEMENTS

#### GOAL OF THE RESEARCH

THIS STUDY AIMS TO DEMONSTRATE THAT IMPLEMENTING SHARED ACADEMIC SPACES ENHANCES STUDENT ENGAGEMENT, MOTIVATION, AND ACADEMIC PERFORMANCE. BY CREATING COMFORTABLE, WELL-DESIGNED SPACES, STUDENTS COLLABORATE MORE EFFECTIVELY, LEADING TO INCREASED SUCCESS RATES.



#### RESEARCH METHODOLOGY

STUDY DESIGN:  
THE RESEARCH FOLLOWS A THREE-STAGE EXPERIMENTAL APPROACH:

- 1 INITIAL ASSESSMENT: SURVEYING STUDENTS' MOTIVATION AND ACADEMIC ACHIEVEMENTS BEFORE IMPLEMENTATION.
- 2 IMPLEMENTATION: CREATING SHARED ACADEMIC SPACES AND INTEGRATING TECHNOLOGICAL TOOLS.
- 3 FINAL ASSESSMENT: EVALUATING MOTIVATION AND PERFORMANCE CHANGES POST-IMPLEMENTATION.

#### DATA COLLECTION:

- SURVEYING 31 UNIVERSITY LECTURERS FROM VARIOUS SCIENTIFIC FIELDS IN THE FACULTY OF HISTORY.
- USING A QUESTIONNAIRE ON ACADEMIC MOTIVATION LEVELS AND A SURVEY ON UNIVERSITY ENVIRONMENT IMPACT, INCLUDING TECHNOLOGY ENGAGEMENT.

- ★ KEY INSIGHT: DATA WAS COLLECTED ANONYMOUSLY TO ENSURE HONEST RESPONSES.



#### THE ROLE OF TECHNOLOGY IN LEARNING

##### SMART CLASSROOMS & INTERACTIVE DISPLAYS

##### EQUIPMENT INSTALLED IN THE FACULTY OF HISTORY DURING THE PROJECT:

- 3 IIYAMA INTERACTIVE SMART BOARDS
- ✓ FEATURES TOUCHSCREEN CAPABILITIES AND INTERACTIVE DIGITAL TOOLS.
- ✓ ALLOWS REAL-TIME COLLABORATION BETWEEN STUDENTS AND INSTRUCTORS.
- STEM & DIGITAL TOOLS IN HUMANITIES
- 1 DJI DRONE: STUDENTS APPLY PRINCIPLES OF AERODYNAMICS AND AUTONOMOUS PROGRAMMING TO CONDUCT TOPOGRAPHICAL MAPPING AND AERIAL DATA COLLECTION.
- 2 CANON DIGITAL CAMERAS: THESE INSTRUMENTS FACILITATE THE STUDY OF OPTICS AND HIGH-SPEED PHYSICS THROUGH PRECISE SCIENTIFIC DOCUMENTATION AND VISUAL DATA ANALYSIS.

#### KEY RESEARCH QUESTIONS:

- HOW DO SHARED ACADEMIC SPACES IMPACT STUDENT MOTIVATION AND LEARNING?
- WHAT ROLE DOES TECHNOLOGY PLAY IN IMPROVING EDUCATIONAL ENGAGEMENT?

#### KEY RESULTS

##### FINDINGS FROM THE STUDY:

- **PERCEPTION OF UTILITY:** EDUCATORS CHARACTERIZE INTERACTIVE WHITEBOARDS AS ESSENTIAL PEDAGOGICAL TOOLS THAT FOSTER INSTRUCTIONAL FLEXIBILITY AND INTERACTIVITY RATHER THAN BEING SECONDARY TECHNOLOGICAL ADDITIONS.
- **TECHNICAL PROFICIENCY GAP:** WHILE GENERAL TECHNOLOGICAL CONFIDENCE IS HIGH, A SIGNIFICANT SEGMENT OF THE TEACHING STAFF EXPERIENCES TECHNICAL IMPEDIMENTS, HIGHLIGHTING A DISCREPANCY BETWEEN THEORETICAL ADOPTION AND PRACTICAL EXECUTION.
- **NECESSITY FOR PROFESSIONAL DEVELOPMENT:** THE DATA UNDERSCORES A PROACTIVE DEMAND FOR SPECIALIZED TRAINING PROGRAMS DESIGNED TO BRIDGE THE CURRENT SKILL GAP AND OPTIMIZE THE UTILIZATION OF DIGITAL EDUCATIONAL RESOURCES.

#### PUBLICATIONS MADE ON THE RESEARCH PROJECT:

CONTEMPORARY TECHNOLOGIES IN HISTORY EDUCATION: OPPORTUNITIES AND CHALLENGES IN THE USE OF INTERACTIVE WHITEBOARDS FOR INSTRUCTION BY FACULTY MEMBERS AT THE FACULTY OF HISTORY, SOFIA UNIVERSITY "ST. KLIMENT OHRIDSKI",

IVAYLA POPOVA, KRASIMIR KRASTEV, MIRENA LEGURSKA, PETAR V. PETROV,  
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SCAN THE QR CODE TO READ THE FULL TEXT OF THE STUDY!

#### CONCLUSION & FUTURE RECOMMENDATIONS

- ★ KEY TAKEAWAYS:
- ✓ SHARED SPACES INCREASE MOTIVATION AND COLLABORATION.
- ✓ INTEGRATION OF TECHNOLOGY ENHANCES ENGAGEMENT, THOUGH REQUIRES ADAPTATION.
- ✓ FUTURE PROJECTS SHOULD EXPAND SHARED SPACES ACROSS ALL FACULTIES.

SCAN THE QR CODE TO WATCH A VIDEO ON HOW WE CHANGED OUR EDUCATIONAL ENVIRONMENT!



WE NEED YOUR FEEDBACK! WHAT FEATURES WOULD YOU LIKE TO SEE IN SHARED ACADEMIC SPACES? DROP YOUR THOUGHTS ON OUR DIGITAL FEEDBACK BOARD!



SCAN THE QR CODE TO PARTICIPATE IN THE POLL!



SCAN THE QR CODES TO PLAY OUR EDUCATIONAL GAMES!



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