

1. Well-defined Objectives

In accordance with the Cotabato Foundation College of Science and Technology's vision, mission, goals, and objectives, the bachelor of science in computer science program has well-defined educational objectives, which are to perform at a high level of technical expertise in the field of primary and secondary job roles and to perform ethical conduct in the practice of computing professionalism.

The BSCS extension programs are in consonance with the institutional and national research trusts

2. Adequate and relevant Projects/Activities to achieve objectives

The BSCS research program produced relevant projects based on the objectives of the program, the research output of the students and faculty; below is the list of the research extended to the community within Arakan valley complex.

List of Training and Project

Project Title	Status	Location
Coin E-loading Machine	Implemented	Setio Balilay Barangay Meocan, Arakan Cotabato
Barangay Public Assistance system	Implemented	Barangay Malire, Antipas, Cotabato
Barangay Public Assistance system	Presented	Barangay Badiangon, Arakan, Cotabato
Barangay Public Assistance system	Presented	Barangay New Bugasong, Matalam, Cotabato
Barangay Public Assistance system	Presented	Barangay Meocan, Arakan, Cotabato
Distribution of face ask and face shiels	Implemented	LGU of Arakan, Matalam, Antipas, magpet and Pres. Roxas
Training Title	Status	Location
Training workshop in computer literacy @ ARICCO	Implemented	Barangay Naje, Arakan, Cotabato

Extension Program Proposal

Program Title				
(IDEAL) Program (Innovation, Discovery, Economic, Advocacy, and Literacy)				
	Activity	Status	Location	budget
	Solar Powered Internet Connectevity of Paco-Paco Elementary School	To be Approve	Paco-Paco Elementary School, barangay Tumanding, Arakan, Cotabato	80,000.00
	Computer Literacy Training	To be Approve	Paco-Paco Elementary School, barangay Tumanding, Arakan, Cotabato	80,000.00

Research Proposal Submitted to DOST for Funding

Research Title	Status	Location
Development of Online Public Assistance System (OPAS) for Arakan, North	Under evaluation	LGU Arakan
Development of an Internet of Things (IOT)-based Water Quality Monitoring Application System for Arakan Valley	Under Evaluation	Water Works Arakan

3. Systematic and effective procedures

The partnership of the BSCS faculty and students produces a relevant capstone project and thesis that can be extended to the community. Planning, implementation, and evaluation are conducted to ensure that the community can benefit from the extension activity.

The proposed extension program that is expected to be implemented next year aims to produce a holistic process of planning, implementing, and evaluating to help elevate the quality of life in the community.

4. Reasonable Budget

5. Provision of Materials and other Resources

6. Participation of Significant Number of Faculty/staff/students/communities in major The dean of the college of ICT, faculty, and students participated in the project deployment.

1. Project adopted by: Bregilda Sumagaysay @ setio Balilay Barangay Meocan Arakan Cotabato



4. PROJECT TERM.

1. The Information Technology project shall be delivered no later than 5 months
4 months development/installation phase
9 DAYS INFORMATION DRIVE
10 DAYS TESTING
1 DAY TURN-OVER
2. The capstone project will be monitor by the CICT research coordinator
3. The capstone project will undergo evaluation after 6 months by the CICT research coordinator

5. PROJECT SCOPE.

The following areas can be pursued as Information Technology Project;

1. The Coin e-loading machine can send e-load to the user.
2. The machine can accept old and new coins as payment offer an all-network e-load regular transaction.
3. The machine can count the coins that being drop on the coin slot that serves as a payment and;
4. The machine displays choices on the screen and the amount that the user needs to pay.

MARRY N. JARDILIZA
Signature over Printed name
Student researcher representative

BREGILDA SUMAGAYSAY
Signature over Printed name
Client

EDRIS K. PAGUKA
Signature over Printed name
CICT Research Coordinator

The figure above shows the program head of the BSCS, Mr. Edris K. Paguka, Roderick S. Tingzon, the Extension Coordinator, and Marry Jardiliza, the CICT student. The project was transferred to the

2. Project Presentation in Barangay Malire Antipas Cotabato



The figure above shows the presentation and implementation of the Online Public Assistance System. To barangay malire antipas cotabato, the faculty and students participate in the activity.projects/activities

3. Project Presentation in Barangay Badiangon, Arakan, Cotabato



The figure above shows the

presentation of the online public assistance system to barangay officials of barangay Badiangon, Arakan, Cotabato. The system is really useful to the barangay, but it needs an internet connection to be implemented, which makes it difficult for the officials to accept the system because the barangay cannot provide a reliable internet connection.

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4. Project Presentation in Barangay New Bugasong Matalam Cotabato



The figure above shows that the faculty and students of CICT presented the same project in the barangay new bugasong matalam Cotabato, but because of the internet connection problems in the barangay, the system was not accepted.

5. Project Presentation in Barangay Meocan, Arakan, Cotabato



The



same project was presented by the CICT students and faculty to the barangay, but still, the internet connection is the main reason.

6. The training workshop in computer literacy in ARICCO, Barangay Naje Arakan, Cotabato



The figure above shows that all the faculty had participated in said training, and the training topics had been distributed to all the faculty.

7. Distribution of face mask and face shield, CHED funded extension activity



7. **Award of distinction and achievement and grants of this program, “Best Practices” Adopted.**

The CFCST extension process is ISO-certified, the CICT faculty ensures that all the research of the students is within the research trust of the institution to be extended to the community, and the faculty also works in tandem with the students to produce quality projects that can be extended to the community.



Achievers award for best capstone project

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Best capstone in an in-house review



Best research presenter at a national conference



Best research paper in a national conference

