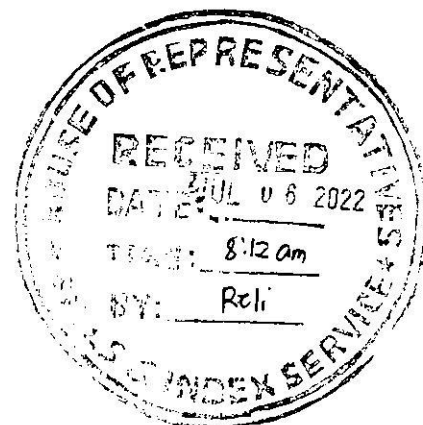


Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

Nineteenth Congress
First Regular Session

HOUSE BILL NO. 1302



Introduced by **Representative JOEY SARTE SALCEDA**

AN ACT
PROVIDING FOR THE ESTABLISHMENT OF THE BICOL INNOVATION,
RESEARCH, AND TECHNOLOGY HUB (BIRTH) AND THE CONSTRUCTION
OF THE EDUCATION-SCHOOL FACILITIES INSIDE THE
BICOL UNIVERSITY-EAST CAMPUS, LEGAZPI CITY, PROVINCE OF ALBAY,
AND APPROPRIATING FUNDS THEREFOR

EXPLANATORY NOTE

In line with the university's vision "A World-Class University Producing Leaders and Change Agents for Social Transformation and Development", the Bicol University needs to develop and initiate a physical development plan that will cater the need of the institution through campus development. Which is risk sensitive and climate change adaptive.

Physical facilities are the most potent determinant of high academic achievement of students. Facilities in terms of qualifications of personnel, who are directly involved in the pedagogy of teaching; academic and administration buildings, laboratory, library, students' interactive learning centers are very crucial to high academic attainment. Hence, the college shall provide adequate material resources to the faculty and students to enhance the teaching and learning environment including support processes.

The need for new academic and administration buildings for almost of the East Campus Unit arises due to the increasing demand as follows:

- (a) The college has an average student population of 2300 per semester, 41 faculty, and 32 non-teaching personnel. Ten (10) sub-offices need to be contained in a general administration building to maintain effective and efficient delivery of its functions under planning, organization, direction and control.
- (b) In compliance with CHED requirements, the college plans to integrate in its existing academic structure various graduate programs in order to provide advanced academic degrees to both the faculty of the university and engineers from the industry.

- (c) In the clientele satisfaction survey results, students rated the quality of services provided and personnel attitude as “Very Satisfactory” except for the infrastructure and utilities. Classrooms, laboratory facilities, seminars/training halls, sports facilities, and student lounge were rated “Satisfactory” while comfort rooms were rated “fair”. In consonance with the University’s Vision, satisfactory rating must be upscaled to “Very Satisfactory” with outstanding clientele satisfaction.
- (d) The Bicol University College of Engineering (BUCENG) is known as the home of the toppers, and maintains an overall performance in the engineering board examinations most higher than the national passing percentage, as gleaned below:

Name	Course	Rank
September 2012		
Bernard Bandojo Alzaga	Electrical Engineers	1 st Place
Wilfredo Lignes Mata Jr.		2 nd Place
Arianna S. Bañega	Registered Master Electrician	3 rd Place
Oliver John V. Borazon		5 th Place
Marcial B. Golingo		8 th Place
October 2012		
Darylle C. Dacillo	Mechanical Engineers	2 nd Place
Emmanuel A. Garcia		10 th Place
Grant Sherwin C. Capinpin	Architect Licensure Examinations in the Middle East	3 rd Place
Virgo C. Ibarra		10 th Place
November 2012		
Michael P. Preña	Chemical Engineer	7 th Place
March 2013		
Edward S. Ermae	Mechanical Engineer	5 th Place
April 2013		
Carlo Panarigan	Registered Master Electrician	1 st Place
August 2013		
Dailyn Asuncion Nivero	Mining Engineers	8 th Place
Sarah Mae Bañares Ajon		9 th Place
November 2013		
Robert Cesar Bulo Morta	Chemical Engineer	3 rd Place
August 2014		
Jiennie De los Santos Saenz	Mining Engineers	7 th Place
Arve Ebuenga Sevillano		10 th Place

Name	Course	Rank
September 2014		
Kevin Yuson Briton	Electrical Engineers	4 th Place
John Anthony Dy		7 th Place
October 2014		
Noli Medina Avila	Mechanical Engineers	2 nd Place
Josafat Espartinez Colina Jr.		9 th Place
December 2014		
Erickneil Dejucos Realuyo	Civil Engineer	2 nd Place
April 2015		
Arlene Clerigo Borbor	Registered Master Electrician	9 th Place
September 2015		
Von Venus Triñanes	Mechanical Engineer	2 nd Place
Kim Arvin Peñano Leoca	Registered	6 th Place
Jake Gomana Ocfemia	Master Electricians	2 nd Place
January 2016		
Giancarlo Brazal Aycardo	Architect	3 rd Place
April 2016		
Reymark M. Embat	Registered Master Electricians	1 st Place
Lorenz C. Catolico		4 th Place
Frenz Karla A. Garcia		10 th Place
August 2016		
Donna Mae P. Longga	Mining Engineers	2 nd Place
Kimberly P. Rapirap		5 th Place
Hazel A. Nuñez		9 th Place

Course	Month	2011		2012		2013		2014		2015		Notes
		National Passing Rate	BU Passing Rate	National Passing Rate	BU Passing Rate	National Passing Rate	BU Passing Rate	National Passing Rate	BU Passing Rate	National Passing Rate	BU Passing Rate	
BS Civil Engineering	MAY	38.33%	40.63%	34.06%	31.25%	42.82%	31.48%	43.41%	33.33%	31.57%	16.36%	
	NOV	34.28%	33.33%	41.41%	32.43%	48.12%	52.00%	49.48%	61.63%	41.50%	47.42%	held in Dec
BS Mechanical Engineering	MAR	53.93%	42.86%	59.68%	61.54%	54.77%	42.86%	52.24%	88.24%	67.86%	54.55%	
	SEP	67.09%	78.18%	69.86%	82.00%	68.87%	84.29%	54.24%	85.23%	47.06%	61.11%	held in Oct
BS Electrical Engineering	APR	40.42%	35.71%	43.68%	25.53%	38.65%	41.67%	44.15%	26.47%	41.92%	41.57%	held in Feb
	SEP	58.02%	46.84%	53.24%	56.47%	53.64%	53.57%	32.79%	54.43%	63.01%	74.23%	
BS Chemical Engineering	APR	47.14%	42.86%	51.95%	35.71%	46.80%	29.41%	55.25%	35.71%	59.01%	30.00%	held in May
	NOV	47.17%	31.25%	54.82%	58.33%	58.31%	60.61%	68.43%	51.43%	53.32%	50.00%	
BS Mining Engineering	AUG	/	/	/	/	82.97%	93.10%	84.25%	78.21%	80.84%	65.00%	

In order to maintain a highly motivated faculty in producing a critical mass of top students, there is a need to provide well-equipped classrooms and laboratory facilities so as to ensure competence based learning.

In view hereof, the bill seeks to provide funding for the implementation of the BU East Campus Physical Development Plan that proposes to undertake a three-phased approach for the construction/upgrading of physical facilities as a pillar of technological innovation, technical expertise in ICT and other cutting edge disciplines. The Development Plan is intended to benefit the Bicol University Engineering Department that houses the BUCENG Administration and Support Staff, Faculty, Civil Engineering Department, Chemical Engineering Department, Electrical Engineering Department, Geodetic Engineering Department, Mechanical Engineering Department, and the Mining Engineering Department.

In view of the foregoing, the passage of this bill is earnestly sought



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Be it enacted by the Senate and the House of Representatives of the Philippines in Congress Assembled:

SECTION 1. *Short Title.* – This Act shall be known as the “Bicol University (BU) - East Campus Physical Development Plan.”

SEC. 2. *Declaration of State Policy.* – The State shall protect and promote the right of all citizens to quality education at all levels. It is likewise the policy of the State to take into account regional and sectoral needs and conditions and shall encourage local planning in the development of educational policies and programs.

SEC. 3. *Objectives.* – The objectives of this Act are:

(a) To upgrade, strengthen, and establish laboratories and to implement outcomes-based education (OBE) for all engineering programs by providing laboratory buildings and equipment for all engineering programs that will et the minimum requirements of the Commissions on Higher Education (CHED);

(b) To offer market-driven and relevant academic programs by providing facilities for engineering graduate programs, such as audio-visual rooms, library for graduate students, and classrooms; and

(c) To upgrade and modernize physical/infrastructure facilities by improving existing drainage system, water distribution system, power supply, communication lines, and constructing covered walks, library, student lounge/food centers, student offices, and comfort rooms.

SEC. 4. *Project Implementation.* – To carry out the objective of this Act, a three-phased approach shall be utilized for the establishment of the Bicol Innovation, Research, and Technology Hub (BIRTH) and the construction of the education school facilities inside the BU-East Campus in Legaspi City, Province of Albay as part of the physical development plan of the BU-East Campus. It shall be based on the following activities:

Phase 1

- (a) BU East Administration Building - a three-storey general administration building that will house all the academic and administration offices;
- (b) Bicol University College of Information Technology Academe & Professional Building - a building exclusive for BUCIT that will be utilized by the academic and professional programs;
- (c) Civil Engineering Building- a three-storey building for undergraduate and graduate Civil Engineering programs;
- (d) Chemical Engineering Building - a three-storey building for undergraduate and graduate Chemical Engineering programs;
- (e) Electrical Engineering Building- a three-storey building for undergraduate and graduate Electrical Engineering programs;
- (f) Mechanical Engineering Building- a three-storey building for undergraduate and graduate Mechanical Engineering programs;
- (g) Geo-Mines Building - a two-storey building for Geodetic and Mining Engineering programs;
- (h) Centralized Laboratory Building - a four-storey building that will house all the laboratory rooms and equipment for all programs in Bicol University College of Engineering;
- (i) Architecture Building 2 – a Two-Storey academic building;
- (j) Road Opening/Widening - establishment of roads and sidewalks in the BU-East Campus;
- (k) Road Widening / Rehabilitation;
- (l) BU-East Gate Design and Development 1;
- (m) BU-East Gate Design and Development 2; and
- (n) Bicol Geographic Information Science Training Center

Phase 2

- (a) Comprehensive Drainage System Design and Establishment - essential for flood control; disaster preparedness;
- (b) Ruran River Flood Control / Rehabilitation/ Slope Protection (Disaster Risk Reduction Management / Climate Change Adaptation);
- (c) Solid Waste Management SWM Facility; and
- (d) Power Facility/Communication Lines Modernization.

Phase 3

- (a) Food Science Building - an academic and laboratory building for food technology;
- (b) Multi-Tech Building 2;
- (c) Covered Pedestrian Walk Design and Establishment - a covered walk from the main gate to the buildings so as to protect students from varied weather; and

- (d) Student Lounge / Center - a two-storey student center that will house all student offices and hold student activities;
- (e) Campus Food Court/Cafeteria - a two-storey food center for use of faculty and non-teaching employees, students;
- (f) Dormitory 1 – for women;
- (g) Dormitory 2 – for men;
- (h) Dormitory – Guestel/Commercial Building 1;
- (i) BU-East Faculty and Staff Condominium – to provide rentable condominium spaces for faculty and staff (particularly those residents in the housing area affected by the campus development);
- (j) Commercial Building 3 with Gender and Development Sensitive Comfort Rooms;
- (k) Bicol Material Testing Center and Multi-Purpose Building - a three-storey testing center open for private and public agencies and individuals to be used for income generating projects of the college;
- (l) Sports and Recreational Area Enhancement; and
- (m) BU-East Campus Perimeter Fence

SEC. 5. *Appropriations.* – The amount of Two Billion Two Hundred Forty-Four Million Five Hundred Thousand Pesos (Php2,244,500,000.00) is hereby appropriated for the construction of the three-phased infrastructure project under the BU East Campus Physical Development Plan. Thereafter, such sums as may be necessary for its contained operation and maintenance shall be included in the annual General Appropriations Act of the Department of Public Works and Highways.

SEC. 6. *Implementing agency.* – The Bicol University is hereby directed to implement this Act.

SEC 7. *Repealing Clause.* – All laws, presidential degrees, executive orders, rules and regulations contrary to or inconsistent with the provisions of this Act are hereby repealed or modified accordingly.

SEC. 8. *Effectivity.* – This Act shall take effect upon its publication in the Official Gazette or in a newspaper of general circulation.

Approved,