

**Surigao State College of Technology**

**Surigao City**

**RESEARCH DEVELOPMENT**

**&**

**EXTENSION MANUAL**





**Surigao State College of Technology**

**RESEARCH DEVELOPMENT & EXTENSION MANUAL**

**THE COLLEGE RESEARCH DEVELOPMENT & EXTENSION COUNCIL**

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This Manual of policies and guidelines  
was first published in 2006 by the Office  
of Research Development and Extension,  
@ Surigao State College of Technology,  
Narciso St., Surigao City



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## **Article 1**

### **TITLE AND DECLARATION OF PRINCIPLES AND POLICIES**

#### **Section 1. TITLE**

This manual shall be known as **RESEARCH DEVELOPMENT AND EXTENSION MANUAL OF THE SURIGAO STATE COLLEGE OF TECHNOLOGY**.

#### **Section 2. APPLICABILITY**

This manual applies to the campuses of the Surigao State College of Technology, including those that may be adopted/integrated later.

## **Article 2**

### **PHILOSOPHY, VISION, MISSION, GOALS AND OBJECTIVES**

#### **Section 1. Philosophy :**

The Surigao State College of Technology is a community of life-long learners who believe in the worth and total development of every individual. It adheres to the pursuit of excellence and to the democratic tenets of freedom, human dignity, wholesome work ethics, equality and equity of opportunity and sustainable progress.

#### **Section 2. Vision:**

An excellence-driven institution of higher learning committed to produce holistic and globally-competitive individuals.

#### **Section 3. Mission:**

To provide a relevant, high quality and sustainable instruction, research, production and extension programs and services within a culture of credible and responsive institutional governance

#### **Goals:**

##### **Research**

SSCT integrates research programs in collaboration with other institutions primarily for the development of Caraga Region and consequently for the rest of Mindanao and the whole Philippines.

##### **Extension**

- **Livelihood/Skills Training** – The institution shall cooperate with individuals or teams, organizations as extensionists who possess capacity to transfer livelihood skills through actual training anchored through sound and/or scientific relevant surveys and other researches that promote sustainable livelihood and development.

## Section 28. Incentives, Recognition and Awards

### 28.1 Teaching Load

The different programs under the RDE may have distinct and separate designation positions composed of faculty and non-academic staff. Faculty/Staff from other colleges and offices in the college are also encouraged to get involved in RDE activities.

However, every faculty must have a mother unit where he/she can be identified. His/her involvement in research or extension functions must be approved by the head of the mother unit to gain legitimate teaching load (TL). Appropriate designation shall be issued to each faculty indicating the TL.

**Table 1. Teaching Load (TL) and Deloading (DL) of Various Positions Under the RDE Program**

<b>Position/Designation</b>	<b>Teaching Load</b>	<b>Deloading</b>
<b>Director/Officer In-Charge for RDE</b>	<b>6 units</b>	<b>15 units</b>
<b>College Researchers/Extensionists</b>	<b>9 units</b>	<b>12 units</b>
<b>Program Leader</b>	<b>15 units</b>	<b>6 units</b>
<b>Project Leader</b>	<b>*17 units</b>	<b>4 units</b>
<b>Study Leader</b>	<b>*18 units</b>	<b>3 units</b>

Note:\*\_ The given teaching load (TL) takes effect only the semester immediately following the approval of the proponent's RDE proposal.

## Section 29. Incentives Schemes

### 29.1 Honoraria.

Honorarium is a form of remuneration for services rendered beyond the minimum regular workload of an individual whose broad and superior knowledge, expertise or professional standing in a specific field contributes significantly to scientific and technological research and development (PD 1502 and Accounting and Auditing Manual for Research Operations (AAMRO Book 1). It is an honorary payment or reward given as compensation for services rendered by officials/employees on an assignment to special project (OCPC CPG No. 80-4, Aug.4, 1980, implementing LOI No., dated June 30, 1977). For this purpose special project is an inter-agency or inter-committee activity, or an undertaking by an individual or a composite group of officials/employees from various agencies which are not among the regular primary functions of the agency concerned.

### 29. 1.1 Coverage.

Honorarium is paid to a government official or employee or to a private individual who is involved in the conceptualization of studies, projects or programs and in the implementation and coordination of RDE activities, rendition of advisory, administrative and/or management functions in the conduct of RDE activities.

Officials and employees assigned to special activities (task forces, study groups, teams, technical review panel, committees and consultancy group) which are beyond their normal regular workload shall be entitled to honorarium or incentive pay, provided that such funds have been allocated in the budget or made available through grants/donations, or income from outside sources.

### 29.1.2 Rates.

Honorarium/incentive pay must be provided in approved line item budget except special assignments. In cases where specific provisions of rates of honorarium are stipulated in the MOA/MOU for project with external funding, the terms of the contract shall be followed. Payments of honorarium/incentive for project staff and other personnel concerned shall be made only after the targeted milestones are attained or after six months of project completion for activities of projects whose duration is less than six months. Payment for committee work maybe based on actual performance of work.

Under the College, the rates are as follows:

<b>Program Leader</b>	<b>Php 3,500.00-5,000.00/project</b>
<b>Project Leader</b>	<b>Php 3,000.00-/project</b>
<b>Study Leader</b>	<b>Php 2,000.00/project</b>

*Table 2. Honorarium Rates per Project*

RDE PROGRAM/PROJECT RATES	HONORARIA RATES Rate/project
RDE Program Leader	
1-2 projects	3,500.00
3-4 projects	4,000.00
5 or more projects	5,000.00
Project Leader	
1 or more projects	3,000.00
Project Staff	
Level 3 (Study/Team Leader)	2,000.00
Level 2 (Team Member )	1,000.00
Level 1 (Adm. Support Staff)	750.00

Honoraria for externally funded researches shall be subject to approved prevailing rates.

### **29. 1.3 Limitations/Exemptions.**

No honorarium shall be paid regardless of the source of fund without prior approval by the head of the agency. Such authority to receive honorarium shall be expressly stated in a special order signed by the head of agency.

Individual faculty member may be entitled to receive honorarium/incentive pay in more than one project/study/activity within the program or project subject to submission of progress reports and terminal reports. In case where funds are not available, service credits shall be granted instead of honorarium (Article 5, section 19.5).

### **29.2 Incentives for Authors who Published Scientific, Scholarly Works and Books**

31.2.1. The granting of fair incentive can be provided to encourage the publication of research, scientific, scholarly works and books by faculty and staff members aside from the self-fulfillment the author gets for the publication of his work.

31.2.2. Guidelines for this incentive scheme can be worked out by an Ad Hoc Committee constituted by the College President. The said guidelines should be presented to the College Administrative Council prior to presentation to the Board of Trustees for approval.

## **Section 30. Support for Student's Research Capabilities**

The RDE Office, in response to call and its relentless efforts to fully serve its beneficiaries through various projects and approaches and attain greater research impact, envisions to initially provide the SSCT student with the following programs and activities:

### **30.1 Trainings/Seminars for Students**

Students shall be provided with relevant trainings and seminars to enhance capability to do RDE from conceptualization to implementation and presentation of outputs.

### **30.2 IEC Materials Access and Library Services**

The SUC can establish scientific literary services apart from regular library services where specialized commodity collection data and popular Information Education Communication materials can be accessed by interested users.

### **30.3 Off-campus Field Practice on Development Projects**

Apprenticeship/Field Practice can be done by graduate/ undergraduate students in the barangays covered by the College RDE under the supervision of a faculty from the Office/College (where the student come from) or the cooperating agency.

### **30.4 Students Assistantship**

Students can be hired to work in RDE projects as student assistants for them to get exposure to the RDE projects while earning some amount of money to augment their allowances.

### **Section 31. Graduate Thesis Support**

Faculty enrolled in the graduate program can avail financial support subject to availability of funds:

**31.1 Criteria for Application.** Faculty with an approved thesis/dissertation outline can apply for support.

#### **31.2 Guidelines for Support**

- a. The thesis/dissertation should be in line with existing research thrusts/priorities of RDE
- b. In case the thesis/dissertation is not in line with the research thrusts of RDE, the following criteria will be considered:
  - b.1 Importance to national development considering its social, economic, and environmental impact;
  - b.2 Originality (done by the students themselves); and
  - b.3 Urgency in terms of the college's needs.
    - b.3.1 The college area coordinator with the department chair person select the entries for their corresponding colleges.
    - b.3.2 The thesis proposals are then submitted to the RDE office on or before the following schedule:

August – thesis to be conducted during the second semester

February –thesis/dissertation to be conducted during the first semester.
    - b.3.3 Submitted proposals are referred to the College RDE Council with the area coordinators for final review and shall approve thesis/dissertation to be funded
    - b.3.4 Only two students per semester (one masters and one doctoral) who are on the stage of conducting their thesis/dissertation could avail of the financial support.
    - b.3.5 Each student is entitled to a thesis/dissertation support in the amount of P10,000.00 for masters and P20,000.00 for doctoral.



- b.3.6 upon approval, a written memorandum of agreement is signed by the student and the directors for RDE
- b.3.7 After the completion of the RDE, students are required to submit one (1) copy of the manuscript to the RDE Office.

**Section 32. Undergraduate RDE.**

The College, as an institution of higher learning, shall gear its programs and activities toward students' welfare and well-being. This requires synchronization and support from the major programs of the college and RDE. The effort will strengthen students' RDE capabilities by providing thesis/journal support subject to availability of funds. Both the student and the college shall enter into a Memorandum of Agreement for the student to protect his/her rights to enjoy the incentives of conducting RDE.

**Section 33. Graduate RDE.**

The graduate program of the college shall be shifted from the usual course work to RDE degrees or at least a combination thereof but heavier on research. Participation of graduate students in nationally/internationally funded RDE projects done by the college shall be credited to their thesis/dissertation requirement. Publication in a national/international research journal shall be a requirement for graduation from a doctoral degree. Both the student and the college shall enter into a Memorandum of Agreement for the student to protect his/her rights and enjoy the incentives of conducting RDE.

**Section 34. Internal Funding Support.**

The College shall appropriate as much as twenty-five (25%) of the non-fiduciary school fees collected from students annually to support RDE function, provided that a resolution is executed and such fund shall not be used for personal services.

**Section 35. Other Funding Support.**

In the event that there is a limited and minimal funds sourced out from tuition fees, the College shall undertake any appropriate and legal-raising activities to allocate financial support for RDE.

**Section 36. External Funding.**

The College shall obtain RDE funds from external sources to support its activities and attendance of faculty RDE in local, regional, or national/international fora.

**Section 37. The College RDE Incentive Mechanism**

The College shall implement incentive mechanism to promote awareness and encouragement among faculty members to conduct RDE activities for productivity and acknowledgement of extraordinary performance and efficient delivery of output/services. Such incentive mechanisms shall be comparative with the best in the country.

### Section 38. Extrinsic and Intrinsic Incentives.

The College shall provide faculty members both extrinsic and intrinsic incentives to pursue RDE activities. Such incentives may include the following:

- 38.1 one-year vacation leave for faculty members and staff who have served the college for at least fourteen (14) years and every seven years thereafter to engage in RDE work;
- 38.2 grant time release from teaching subject to the IRR of Policy No. 1, Article 6, Sections 1-4 of Faculty Manual;
- 38.3 grant of credits pursuant to the CCE under NBC 461 or any other similar issuance in the future;
- 38.4 the best paper and presenter shall receive a certificate of recognition and cash incentive in the amount of P5,000.00 each for the local; P7,000.00 for the regional; P10,000.00 for national and P15,000.00 for international.
- 38.5 the best poster shall receive a certificate of recognition and cash incentive in the amount of P2,000.00 for the local; P3,000 for the regional; P5,000 for national and P7,000 for international.
- 38.6 attendance to regional, national and international conferences, seminars/fora shall be given priority to paper or poster presenters. A letter of request of the faculty shall be accompanied with acceptance from the organizers duly endorsed by the division chair to the dean and recommended by the VP RDE for approval by the President. Travel and liquidation reports shall be executed upon return. An echo- seminar is required. IRR for Travel Assistance in International Oral Paper Presentation outside the country (Appendix V)
- 38.7 publication in the ISI, Thompson Reuters, Scopus, Elsevier Indexed Journals shall receive a plaque of recognition and cash incentive in the amount of P50,000.00.. Non ISI published papers of International scope shall receive a cash incentive of P30,000.00 and national non ISI P10,000.00 subject to availability of funds.
- 38.8 the granting of honoraria/incentives to faculty members who are involved in the conceptualization of programs, projects or studies, and in the implementation and coordination of RDE activities or rendition of advisory administrative and/or management functions as stipulated in Table 2.
- 38.9 designation as professor Emeritus upon retirement or honorable separation from the service in the college with all the rights and privileges pertaining to that title for as long as he/she remains productive in his/her contribution to research in the college.

## Section 39. Awards and Recognition

### 39. 1 Best RDE papers

The best RDE papers in each sector during the annual agency in-house review can be selected as a motivation and incentive to researchers in recognition of their outstanding and notable accomplishments. A modest monetary incentive and a plaque of recognition should go with the award

. The criteria for the selection of the best paper are as follows:

Table 2.0 Criteria for Best Research Paper

Criteria	Percentage
<b>B. Relevance/Significance of the Project</b> (Potential contribution to countryside development whether social, economic, ecological..etc.)	45%
<b>B. Organization of Paper Comprehensiveness Validity of Approach and Reliability/Dependability of Results</b>	30%
<b>Presentation and Confidence</b>	
Knowledge of the Content of Paper	10%
Clarity of Presentation	5%
Composure and Presence of Mind	5%
Effective use of Visual Aid and other Medium of Presentation	5%
<b>Total Points</b>	<b>100%</b>

### 39.2 Best Poster

As an added feature in the annual agency in-house review, the Best Poster can also be selected. It may be open to all researchers and extensionists of the university engaged in research. Only one best poster may be selected among all competitors based on the following criteria undertaken by the Board of Judges selected from outside of the college.

Table 3.0 Criteria for Best Poster

Criteria	Percentage
Technical Content	70%
Significance relevance of Findings	30%
Experimental organization; procedure or methods resourcefulness of researchers	20%
Presentation <ul style="list-style-type: none"> <li>• Attractiveness of poster (orderliness, neatness and good use of colors and materials) (6%)</li> <li>• Appropriateness or volume of information for the effective information (6%)</li> <li>• Clarity in statement of purpose of the hypothesis of problem ) (6%)</li> <li>• Logical order in presentation of methods and results (6%) Effective use of graphics(photos, maps, graphs) to support and supplement the text in terms of goods blending, relevance and contribution to ease</li> </ul>	30%
Interpretation (6%)	
TOTAL	100%

As a general guideline, the poster should be well organized, concise, self-explanatory and attractive and should fit in a 30x 40 inches illustration board. The information contained in the poster should include among others: The title of research; name(s) of researchers; brief introduction; objectives; methodology and results and discussion. The information should be readable from 2 meters distance. The researcher(s) should be stationed in the poster competition area during the session to answer queries from the Board of Judges and participants.

## **Section 40. Search for Best Graduate and Undergraduate Thesis**

**40.1 Objective.** The main objective of the search is to encourage students to develop outstanding thesis/dissertation by giving incentives to their work.

Specifically, it aims to:

- Select one outstanding thesis for science and non-science courses in the undergraduate level and one each for master level and doctorate level, and
- Provide certificate of recognition and cash awards to students with outstanding thesis/dissertation.

**40.2 Mechanics of Implementation.** Thesis of all graduating undergraduate/graduate students can be considered for the best thesis award. However, thesis/dissertation which are part of any on-going government and non-government funded researches are not eligible in the search.

**Selection is done sequentially in three levels; namely:**

### **40.2.1. Department Level**

Every department screens students' thesis during the final defense. For the undergraduate level, the selection committee, composed of the chairman and the members of the faculty, selects one outstanding thesis for the department.

For the graduate level, members of the advisory committee shall recommend potential candidates to the department where the student belongs. The selection committee, composed of the chairman and the faculty members, then selects one outstanding thesis/dissertation for the department

Those selected for each department in the undergraduate and the graduate levels are submitted to the head of screening committee in the college.

### **40.2.2. College/Graduate Level**

From all nominees in each department, the selection committee composed of the dean, the department chairpersons and the college research coordinator selects one outstanding undergraduate thesis for the colleges for the graduate level, the selection committee, composed of the dean, secretary and chairpersons, select the best thesis and dissertation for each graduate degree program.

All nominees of each college are evaluated by a screening committee composed of the Research management team and the RDE campus/division coordinators.



#### 40.2.3. Recognition of Winning and Awarding of Cash Incentives

The best thesis for each college and graduate programs are then submitted to the office of the RDE for endorsement to VPRDE for funding and issuance of plaque of recognition.

**40.3 Requirements Participation.** The following are submitted to the chairman of the final screening committee, (the director for research) not later than three working days before the meeting of the Academic Council to prove the candidates for graduation;

- a. One (1) copy of the final manuscript; and
- b. Five (5) copies of the abstract and the summary, conclusion and recommendation.

**40. 4 Criteria for Selection.** The following are the criteria for the selection of the best thesis award.

Table 4.0 Criteria for Best Thesis Award

Criteria	Percentage
I. Originality (Student's original proposal)	30%
II. Organization (validity of approach and Reliability of results)	30%
III. Relevance/significance (potential contribution to countryside development considering its social, economic and ecological impacts)	40%
Total	100%

A cut-off 85 percentile for undergraduate level and 90 percentile for graduate level for the above criteria are maintained during the final selection. The candidate(s) receiving the highest point which is equal or above the cut-off point are considered winners.

**40.4.1 Incentives.** All college nominees for the best thesis are given a certificate of recognition. During the university/college recognition program the best thesis are awarded the following:

- a. Certificate of Recognition
- b. Cash Award : P5,000.00 for doctorate level  
P4,000.00 for masteral level  
P3,000.00 for undergraduate

The cash award can be sourced out by tapping sponsors or through the income generation unit of the university/college.

The selected best thesis are immediately published in the R and E-Bytes.

The RDE Directors presents the best thesis award during the Year-end Commencement Exercises.

**Section 41. Priority for RDE grant of the college.**

Professors with superior accomplishments in RDE shall be given priority in the grant of college/university professor rank pursuant to NBC 461 or any other similar issuance in effect in the future.

**Section 42. RDE Capability Approaches.**

Professors who have distinguished himself/herself in RDE shall be given the honor to lead the other faculty members in doing RDE works with the following approaches.

**Section 43. RDE Publication and Opportunities**

The College shall promote faculty RDE outputs to local, national, and international fora and shall provide equal opportunity for potential and capable researchers to any form of capability building and exposure.

**Section 44. Transitory Period.**

After the approval of this set of IRR, all existing associate professors and full professors shall be given equal opportunity to prove their worth in RDE services during the three-year period or per NBC 461 evaluation cycle.

**Section 45. Faculty Classification.**

After the transitory period, the associate professors and full professors shall be classified either as researchers or extension workers for ranking purposes in the NBC 461 and to strengthen RDE productivity among them.

**Section 46. Faculty Selective Promotion.**

Upon approval of this IRR and pursuant to the provisions of NBC 461, no faculty member shall be promoted to the rank of associate professor unless she/he has demonstrated productivity in doing RDE work or production during the last three years before such promotion, regardless of the result of evaluation under existing system of evaluation for faculty rank.

**Section 47. Faculty Promotion to Full Professor.**

Pursuant to the spirit and expression of the provisions of NBC 461, hereafter no faculty member shall be promoted to the rank of full professor unless he/she has consistently demonstrated his/her expertise in research as evidenced by his/her publication in a refereed national or international research journal accredited by CHED despite the result of an evaluation under NBC 461 or whatever similar system in existence at the time.

**Section 48. Sustainability in RDE.**

After the approval of this IRR, promotion of full professor to higher rank/sub-rank shall be dependent upon his/her sustainability and commitment in publishing RDE outputs in refereed local, national or international journals accredited by CHED.



**SURIGAO STATE COLLEGE OF TECHNOLOGY**  
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**EXCERPT FROM THE MINUTES OF THE SPECIAL BOARD MEETING OF  
SSCT-BOARD OF TRUSTEES HELD ON MAY 18, 2017 AT THE  
CONFERENCE ROOM, CHED CENTRAL OFFICE, ALMONT INLAND  
RESORT, BUTUAN CITY**

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After the discussion, the Board passed:

**RESOLUTION NO. 43 s. 2017**


Approving the Granting of  
Monetary Award to Mr. Jonas  
Robert Miranda and Mr. Judel C.  
Paredes in the Amount of Fifteen  
Thousand Pesos (Php15,000.00)  
Each

**APPROVED**

Certified true and correct:

  
**ROWENA A. PLANDO, Ph.D**  
Board Secretary V

Attested:

  
**GREGORIO Z. GAMBŌA, Jr., EdD,**  
College President



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**EXCERPT FROM THE MINUTES OF THE 4<sup>TH</sup> REGULAR SESSION OF THE COLLEGE RESEARCH DEVELOPMENT AND EXTENSION COUNCIL HELD ON APRIL 27, 2017 AT THE SSCT ACCREDITATION CENTER**

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After the discussion, the Council passed:

**RESOLUTION NO.05 s.2017**

**Endorsing the Monetary Award in the amount of Php 15,000.00 and Php10,000.00 to Mr. Judel C. Paredes being the 1<sup>st</sup> recipient of the ISI Publication Award and to Mr. Jonas Robert L. Miranda as the recipient of a National Publication Award respectively.**

**Said consensus was arrived while the requirements on the PRAISE SYSTEM as basis in the giving of incentives & awards for published paper in CHED accredited journals is still on process. It was agreed by the members of the Council that the amount be taken from the RDE funds.**

**APPROVED**

Certified true and correct:

  
**ALICIA Z. MAGHUYOP, EdD.**  
Secretary-CRDEC

Attested by:

  
**EMMYLOU A. BORJA, EdD.**  
VP-RDE



**Republic of the Philippines**  
**Surigao State College of Technology**  
**Surigao City**

**EXCERPT FROM THE MINUTES OF THE 2<sup>nd</sup> REGULAR SESSION OF THE COLLEGE RESEARCH DEVELOPMENT AND EXTENSION COUNCIL HELD ON THE 14<sup>th</sup> DAY OF NOVEMBER 2016 AT SSCT ACCREDITATION CENTER.**

Present : Majority of the Council Members

Absent:	Dr. Nenita S. Buot	Mr. Nilo U. Gomez
	Dr. Elvis P. Patulin	Ms. Deny V. Comon
	Dr. Georgito G. Posesano	Engr. Alexis P. Espaldon
	Mr. Julito O. Tan	Mr. Judel C. Paredes
	Dr. Carlos H. Donoso	Mr. Edwin Escobal

**RESOLUTION SERIES NO.01**  
**Series of 2016**

**“A RESOLUTION APPROVING THE ENDORSEMENT OF 25 RESEARCH PROPOSALS AND 24 EXTENSION PROJECTS WITH CORRESPONDING BUDGETARY APPROPRIATION APPROVED FOR INSTITUTIONAL FUNDING BY THE RESEARCH DEVELOPMENT AND EXTENSION COUNCIL (CRDEC) FOR ACADEMIC YEAR 2017-2018”.**

**WHEREAS**, the College Research Development and Extension Council, converged last November 14, 2016 to deliberate 25 research proposals and 24 extension projects for institutional funding. Furthermore, a Committee on Budget Allocation was formed headed by Dr. Ronita E. Talingting with Dr. Gideon A. Ebarsabal, Dr. Emmylou A. Borja, and Engr. Evangeline P. Sabejon to evaluate the budgetary allocation based on the research proposals presented during the annual in-house review. Furthermore, it was resolved that all research proposals and extension projects be given budgetary allocation respectively as stipulated however, those exceeding Php 200,000.00 shall be accorded funding on a phase by phase basis. The amount of Php **5,025,406.00** was allocated for research proposals and Php 1,610,000.00 for extension projects. As requirement thereof, submission of workplan and budgetary requirements for research proposals shall be complied as supporting documents for presentation to the last quarter Board of Trustees meeting.

**Research Outputs with Corresponding Budgetary Allocation**

No	Title of Research	Name of Researcher(s)	Status	Funding Agency	Fund Allocation
1	Design & Development of a Bench Grinder Attachment Device	Alaba, Casane, Delacruz, Cortina, Morales, Subang & Tan	proposal	institutional	5,000.00
2	Development of Household Alternative Source of Energy from Solar Panel: A Proposed Prototype	Cecilia E. Arcon	proposal	institutional	100,000.00
3	Flood Alarm System	Alex E. Alvarez	proposal	institutional	25,000.00
4	Wireless Switching thru Mobilephones	Manuel R. Arcon	proposal	institutional	25,000.00
5	Home Scale Renewable Micro Hydro-Electric Power	Alex E. Alvarez	proposal	institutional	25,000.00
6	Programmable Logic Controller:Arduino-Based	Alex E. Alvarez	proposal	institutional	25,000.00
7	Electric Generation thru Gravitational Energy	Alex E. Alvarez	proposal	Institutional	25,000.00
8	Mobile Learning Application in Classroom Context	V. Francisco, U. Cagas, F. Guiral, T. Toledo, C. Noguerra	proposal	institutional	100,000.00





**Republic of the Philippines**  
**Surigao State College of Technology**  
**Surigao City**

Page 2 of resolution no. 2016-01

9	Assessment of the Cooking & Baking Preferences of Housewives in Gigaquit & Placer SDN	A. Perez, E. Borja	proposal	institutional	30,000.00
10	Kaunlaran at Performans ng mga Gurong Mag-aaral Medyor sa Kanilang Sanayang Pagtuturo, 2016	Eliza E. Bayang	proposal	institutional	20,000.00
11	Abundance and Size of Flying Fish <i>Exoetide</i> in Bohol Sea	Bernard C. Gomez	proposal	institutional	75,000.00
12	Marine Benthic Algal Composition in Siargao Island: Providing Insights to Climate Change (by phase)	D. Bataan & M. Adlaon	proposal	institutional	1,961,352.00
13	Yield Performance of OPV Corn Applied with varying Level of Organic & Inorganic Fertilizer (2 yrs.)	R. Maglinte & E. Taer	proposal	institutional	31,960.00
14	Transforming Community Resiliency in Food Security and Climate Change Adaptability thru BIOSMART Services (by phase)	R. Sunico, D. Comon, J. Litang	proposal	institutional	370,000.00
15	Production of Hollow Blocks Mixed with Solid Industrial Wastes (by phase)	E. Buenaflor, C. Daño	proposal	institutional	320,450.00
16	Development of Water Transfer Control for Instructional Tool	Rudy C. Docoy	proposal	institutional	35,000.00
17	Effectiveness of Beauty Care Training Enhancing Customer Satisfaction: An Extension Service Experience of SSCT	Lucihida M. Docoy	proposal	institutional	40,000.00
18	Ecosystem Approach Farm Management in Lake Silop (by phase)	G. Posesano, G. Ebarsabal V. Ratunil, R. Maglinte, E. Escobal, C. Libay	proposal	institutional	453,490.00
19	Biodiversity Assessment of Lake Mahucdam (by phase)	V. Ratunil, R. Maglinte, E. Escobal, C. Libay, G. Posesano	proposal	institutional	881,954.00
20	Agriculture and Fisheries (AF) in Relation to Social Change, nature change and Climate Change	Edimar P. Masuhay	proposal	institutional	30,000.00
21	SSCT Profile and Assessment on Agriculture and Fisheries (AF) Program	Edimar P. Masuhay	proposal	institutional	30,000.00
22	On Farm Adaptation Trial of Submergence Tolerance Rice Varieties (2 yrs)	Romana Maglinte, Ferril, Joanna, Quirino	proposal	institutional	96,600.00
23	Yield Performance of OPV Corn Applied with varying level of organic and inorganic fertilizer (2 yrs.)	Romana Maglinte, Emma Taer, Emma	proposal	institutional	96,600.00
24	Acceptability of Fish Cake Utilizing Different Species	Teresita Senados, Bernard Gomez, Elsie Senaca, and Marilyn Villegas, Marienette Bagayas	proposal	institutional	33,000.00
25	Talisay Nut Delights	M. Adlaon, G. Gamboa, A. Donoso, E. Sabejon, A. Maghuyop, A. Perez,	proposal	PCIEERRD with SSCT counterpart	190,000.00



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	B. Ylaya, A. Patac, A. Madelo, B. Gomez			<b>TOTAL</b>	<b>5,025,406.00</b>
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Community extension projects under the Sustainable Training & Education for the Development of Fishery, Agri-Forestry, Science and Technology (STEADFAST) Program of the four (4) campuses of Surigao State College of Technology FY 2017

Programs/Projects	Budget Allocation
1. Ten (10) Skills Training Programs	Php 500,000.00
• Motorcycle/Small Engine Repair NCII	
• Shielded Metal Arc Welding (SMAW) NC II	
• Cookery NC II	
• PC Operations	
• Wiring Installation & Maintenance NC II	
• Electronics NC II	
• Drafting NC II	
• Beauty Care Services NC II	
• Food & Beverage Services NC II	
• Housekeeping NC II	
2. Six (6) Basic Skills Training	125,000.00
• Dressmaking	
• Basic Electronics	
• T-shirt Screen Printing	
• Food Processing & Preservation	
• Computer Literacy (Microsoft Word Package)	
• Commercial Cooking, Baking & Pastry Production	
3. Basic Literacy for Indigenous Peoples (IPs)	25,000.00
4. Alternative Learning System (Graduate School – MAED General Science)	25,000.00
5. Proofs & Problem Posing in Equipping Teachers for the K-12 Challenges: A Professional Development Program A Professional Development Program (Graduate School-MAED Mathematics & BSMath)	25,000.00
6. Save the Children Psycho-Social Intervention Training Workshop (City and Province Wide)	50,000.00
7. Payroll System for Permanent Employees of LGU Sison	20,000.00
8. Solar Powered LED Lighting System for the Municipality of Sison (Phase I & II)	20,000.00
9. Sustainable Riverbank Protection Using Indigenous Trees	20,000.00
10. Mangrove Rehabilitation	20,000.00
11. Survey & Project Plan Making for repair/pavement of ACEAN Heights subdivision streets c/o Civil Engineering Dept.	10,000.00
12. Product Development	100,000.00
• Euchuema Crackers	
• Squid Malunggay Crackers	
13. Food Processing	120,000.00
14. Marine Protected Areas	50,000.00
15. Training on the Fisheries Management in Lake Silop	100,000.00
16. Modular Training on Swine & Poultry Natural Farming Systems and Technology	100,000.00
17. Agro Forestry Program / Mainit Lakeshore Reforestation with BLGU Quezon	20,000.00
18. Biodiversity Assessment with BLGU Tubod on Establishment of Critical Habitat for the Preservation of Philippine Tarsier & other Wildlife Species	20,000.00
19. Tree Planting Activity of Infantry Battalion in collaboration with IP Mamanwa Tribal Youth (Project Monitoring)	20,000.00
20. Skills Training on Organic Farming System with SMWD	20,000.00





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(Project Monitoring)	
21. Training in Electrical Wiring (GK)	20,000.00
22. ICT Training (KALAHI CIDS)	20,000.00
23. Proposed ABALONE & SEAWEEEDS Training	80,000.00
24. Outreach	100,000.00
Total	<b>1,610,000.00</b>

Breakdown:

City Campus -----	<b>Php 940,000.00</b>
Del Carmen -----	<b>120,000.00</b>
Mainit -----	<b>280,000.00</b>
Malimono -----	<b>270,000.00</b>

**RESOLVED** as it is hereby **RESOLVED** requesting the Committee on Finance to endorse the budget appropriation of the twenty-five (25) research proposals and twenty-four (24) extension projects FY 2017-2018 for approval by the Board of Trustees of Surigao State College of Technology.

**RESOLVED FURTHER**, that copies of this resolution be furnished TO DR. GREGORIO Z. GAMBOA, JR., SCCT President and the RESEARCH DEVELOPMENT & EXTENSION COUNCIL for their information and consideration.

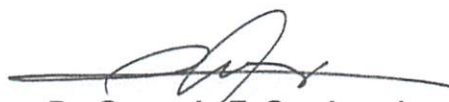


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Surigao City**

**ADOPTED and APPROVED** this \_\_\_\_\_ day of \_\_\_\_\_ 2016 at SSCT Surigao City.

I hereby certify to the correctness of the foregoing resolution.

Printed Name		Signature
<b>Dr. Ronita E. Talingting</b>	Dean, OPS	_____
<b>Dr. Alicia Z. Maghuyop</b>	Director, Research & Development	_____
<b>Engr. Evangeline P. Sabejon</b>	Director, Extension Services	_____
<b>Dr. Teresita P. Senados</b>	Campus Director- Malimono	_____
<b>Mr. Virgilio B. Ratunil, Jr</b>	Research Focal-Mainit	_____
<b>Dr. Mauricio S. Adlaon, Jr</b>	Planning Officer/ Program Head, BSES	_____
<b>Dr. Gideon A. Ebarsabal</b>	Dean, OPS-Mainit Campus	_____
<b>Dr. Romana Maglinte</b>	Program Head , BAT -Mainit Campus	_____
<b>Mr. Bernard C. Gomez</b>	Extension Coordinator-Malimono Campus	_____
<b>Dr. Antonette B. Donoso</b>	Research Coordinator-Del Carmen Campus	_____
<b>Dr. Annabelle N. Diaz</b>	Chair, Arts & Sciences	_____
<b>Mrs. Louida P. Patac</b>	Program Coordinator- BS Math	_____
<small>Page 6 of resolution no. 2016-01</small> <b>Ms. Teresita L. Toledo</b>	Chair, IT	_____
<b>Dr. Elesia B. Buenaflor</b>	Chair, CIT	_____
<b>Dr. Emmylou A. Borja</b>	Chair, Graduate School	_____
<b>Engr. Vrian Jay V. Ylaya</b>	Program Coordinator, Engineering	_____
<b>Dr. Cases D. Dalaygon</b>	Program Coordinator, BEED/BSED/MAED-Gen. Science	_____
<b>Dr. Unife O. Cagas</b>	Program Coordinator, IT	_____
<b>Mr. Renee C. Tan</b>	Research Coordinator , BMET	_____
<b>Mr. Donald C. Salvador</b>	Program Coordinator , WAF	_____

  
**Dr. Gregorio Z. Gamboa Jr.**  
 College President  
 Chairperson, CRDEC