



2020 ANNUAL REPORT



UNIVERSITY RESEARCH OFFICE



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INTRODUCTION

The University Research Office is composed of five (5) units namely:

1. **Research Management and Capacity Building Unit.** This unit is responsible in the management of researches from conceptualization to finished and provide the necessary retooling needed by researchers of the university.
2. **Research Publication and Information Communication Unit.** The RPICU is tasked to manage all completed researches of the university for publication and information dissemination.
3. **Center for Tarlaqueño Studies.** The center serves as the principal venue of the Province of Tarlac on historical and cultural materials.
4. **Analytical Training Services and Natural Products Research Center.** The center serves as the venue for the discovery and development of drugs and food supplements from natural sources and provides testing services to internal and external clients to assess water and food quality.
5. **University Research Statistical Center.** The center accommodates statistical consultation requests from researches, provide statistical analysis and data treatment, organize training and learning activities and undertake researches that would contribute to the advancement of the university's statistical knowledge and capability.

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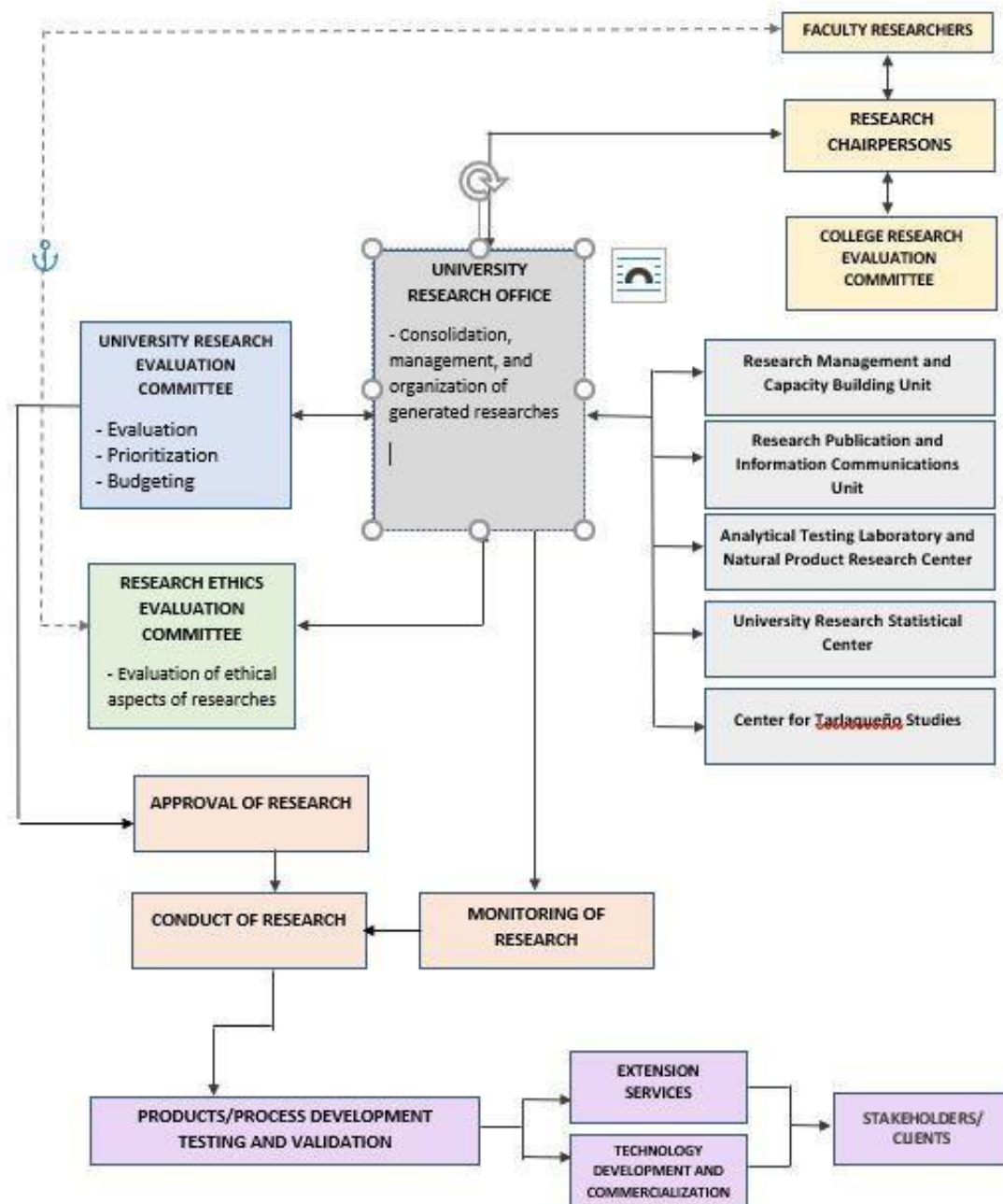
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INTRODUCTION

Diagram 1. TSU Framework for Research



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Figure 1. URO Organizational Chart



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FUNCTIONS OF THE UNIVERSITY RESEARCH OFFICE

General Functions

The University Research Office (URO) was restructured by virtue of Board Resolution No. 14 series of 2020. The primary function of the URO is to oversee, coordinate, consolidate, and operationalize the conduct of research activities along the priority areas of the University. The following are the specific functions of the Office:

1. To set the research targets of the university;
2. To assist in the conduct of research colloquium of the different colleges and offices of the university including the evaluation of research proposals in the college level;
3. To provide opportunities and funding support to faculty researchers of the university in pursuing research projects that are relevant to the thrusts and needs of the university;
4. To establish linkages between public and private agencies, for the purpose of identifying relevant subjects or problems for research, pursue research endeavors on areas of common concern jointly with these agencies;
5. To coordinate and monitor research projects of the various colleges and units of the university;
6. To formulate and implement research policies and guidelines;
7. To aid in the dissemination of research outputs through research publication, research presentations, workshops, roundtable discussions, workshops, and newsletters; and
8. To plan and implement programs directed toward the continuing development of skills and competencies of research office personnel.

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Function No. 1: To set the research targets of the university

University Research Agenda

To ensure that the researches generated by its faculty members are highly relevant in addressing the needs of the industry and community to be able to contribute an impact to the national and global setting, the URO regularly revisits the university research agenda and review the relevance of the research outputs produced in the last 3 years with respect to the needs and challenges of the industry and community nowadays. Also, the research agenda was revisited to ensure the alignment with the regional, national and international agenda. It was found out that due to the broad scope of the current research agenda (10), the impact of the research outputs has become harder to perceive.

To strengthen the specializations of the TSU in its research endeavors, the university research agenda is compressed from a 10-point agenda into 5 point-agenda by virtue of Board Resolution No. 88, s. 2020. This will enable the TSU to establish its core functions to create a significant contribution in the field of scientific research undertakings and impact the national development. The new University Research Agenda which will take effect on 2021 are as follows:

1. Responsive Health System
2. Food Safety and Security
3. Science, Technology, And Innovation
4. Business, Education, And Policy Formulation
5. Environmental Management and Disaster Risk Reduction

Given these agenda, the Information and Communication Technology (ICT) and the Gender and Development (GAD) will be integrated in the 5- point research agenda.

Diagram 3. Integration of ICT and GAD to the Research Agenda



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Function No. 2: To assist in the conduct of research colloquium of the different colleges and offices of the university including the evaluation of research proposals in the college level

College Research Proposals Colloquium

1. College of Computer Studies. The College of Computer Studies was the first to conduct their College Research Proposal Colloquium (CRPC) on March 12, 2020. The CCS CRC, Mr. Dennis Virtudazo with the help of the URO- RMCBU successfully organized and facilitated the colloquium. The invited external evaluator was Ms. Maria Lolita Masangcap, an experienced IT instructor and Information Systems Analyst. A total of 22 research proposals were presented during the said colloquium. The College of Computer Studies has proven that the University is competitive enough when it comes to the ICT. The evaluation by Ms. Masangcap was done through an online video patch while an evaluation is simultaneously done in the venue consisted by the URO director, the college dean and a representative from the TDTCO.
2. College of Engineering and Technology. The College of Engineering and Technology successfully conducted their College Research Proposal Colloquium through online evaluation. The research proposals were forwarded to the external evaluator on March 19, 2020. The invited external evaluator was Dr. Ryan John De Lara, electronics engineer and the current director of Research Development and Productivity Office at the Wesleyan University of the Philippines. A total of 26 research proposals were evaluated during the said colloquium.
3. College of the Criminal Justice Education. The College of Criminal Justice Education successfully conducted their College Research Proposal Colloquium through online paper evaluation with a total of 4 research proposals. The college invited Mr. Wilfredo Domingo, Security Consultant at USST Security Training Academy, as their external evaluator who evaluated and provided inputs to the research proposals.
4. College of Arts and Social Sciences. The College of Arts and Social Sciences successfully conducted their College Research Proposal Colloquium through online paper evaluation. A total of 17 research proposals were submitted and evaluated. Dr. Ma. Rosario Florendo was invited as an external evaluator. Dr. Florendo is an assistant professor in English at the University of the Philippines Baguio.
5. College of Science. The College of Science also conducted their College Research Proposal Colloquium through online paper evaluation. There is a total of 14 research proposals submitted for evaluation. Mr. Wifredo Sibal, the Assistant Regional Director of the Department of Science and Technology (DOST), was invited as the external evaluator.

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6. College of Teacher Education. The College of Teacher Education also conducted their College Research Proposal Colloquium through online paper evaluation with a total of 12 research proposals submitted for evaluation. The college invited Dr. Teody San Andres as their external evaluator. Dr. San Andres is the Vice President for Executive Operations at the Bulacan State University.
7. College of Business and Accountancy. The College of Business and Accountancy successfully conducted their College Research Proposal Colloquium through online paper evaluation with a total of 15 research proposals submitted for evaluation. The college invited Dr. Roberto Arguelles, a professor and associate dean at the Saint Louis University, as their external evaluator.
8. College of Architecture and Fine Arts. There were 3 research proposals from the CAFA which were evaluated by Arch. Eduardo Quintero, the Department Head of the City Planning and Development Office.

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Table 1. List of Research Proposals submitted during the CRPC

College	Research Title	Author/s
College of Computer Studies	Research Project Life Cycle Monitoring System: A Prototype	Jay R. Pabustan
	Web-Based Performance Monitoring System for Higher Educational Institutions in the Philippines	Heidilyn Gamido/ Jay Pabustan
	Implementation of an Electronic Document Management System for LAN-based organizations	Heidilyn Gamido/ Marlon Gamido
	OdeSIS: In Depth Analysis of Outlier Detection Positioning Using Median Absolute Deviation	Alvincent V. Danganan
	Network Analysis of LGUs: Input to Network Design	Ronnie B. Mercado/ Jo Anne G. Cura
	Prediction of Academic Success of Computer Science Students using Classification and Linear Regression Analysis	Ronnie B. Mercado/ Jo Anne G. Cura
	Dynamic Appointment Scheduling with Priority-Based Tagging	Angelo O. Garcia/ Nicolas J. Diaz, Jr.
	Web-Based Information Literacy through IT for the Psychosocial Health	Rovell F. Asidera, Christian Jose Santos, Julius Caesar C. Ramos
	Web-Based Gender and Development Project Design and Evaluation Tool for TSU Projects Using HGDG	Julius Caesar C. Ramos, Rovell F. Asidera, Rita Pulmano
	Development of an E-Book on Early Childhood Development Centers of Municipal Social Welfare and Development Office	James Byran T. Roman
	Geriatric-friendly Web Framework: Elevating Filipino Elders' User Experience	Dennis Y. Virtudazo
	Branding and User Experience Research and Development for a Religious Website	Dennis Y. Virtudazo, Carlos P. Flores
	Adoption of Electronic Health Information System to Support the Brgy. Health Workers	Carlos P. Flores

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	Design of User Acceptance Models as Applied in Information Systems	Theda Flare G. Quilala, Rogel L. Quilala
	Document Integrity Verification Using QR Code with Modified SHA-1 and Modified Blowfish Algorithm	Theda Flare G. Quilala, Rogel L. Quilala
	Development of a Digital Workbook in Computer Organization	Gilbert G. Gonzales
	Assessment of the Analysis of the TSUMPCI Human Resource Management Processes towards an Information System Solution	Valarie D. Simbol, Jerome C. Legaspi, Yvette S. Legaspi
	Assessment of the Performance of the Students in Computer Programming Using Data Mining	Kwino L. Pineda, Rojen John D. Agustin, Regina P. Arceo
	Performance of ICT Graduates: An Analysis	Mel Johnson P. Aquino, Gloria L. Puellejera, Anna Cazandra Delos Reyes
	Dual S-Box Implementation in the AES Key Expansion Algorithm	Edjie M. Delos Reyes
	IntelliCharger: Maintaining SoC of Batteries	Edjie M. Delos Reyes, Jerome C. Legaspi, Marlon V. Gamido
College of Engineering and Technology	Design and Installation of Solar Mini Rice Mill Machine	Alejandro Caranto, Leo Piao
	Design and Development of Triaxial Seismic Simulator	Edwin dela Vega, Marie Wendy Frany, Larry Suboc
	Design and Fabrication of Waste to Electricity Conversion System	Alejandro Caranto
	Design and Development of Renewable Energy Powered Water pumping station Proposed Title Revision: Potable Water	Larry Suboc, Arnel Punla, Bryan Sico
	Design and Fabrication of Warehouse Cargo-Lift	Larry Suboc, Jessie Domingo, Rommel Martinez
	Design and Installation of 1kW Solar PV System Models	Leo Piao, Crispin Flora, Alejandro Caranto
	Analysis of Medication Errors in the Outpatient Pharmacy Unit of a Selected Hospital in	Anna May Angeles

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	Tarlac City using Lean Six Sigma Methodology	
	Development of an Off-Grid Solar Energy Calculator with Simulation	Michael Tomas
	Design and Develop a Universal Tricycle Stabilizer Support Link among San Isidro Tricycle Operator Drivers Association Proposed Revision: Universal Tricycle Stabilizer Support Link	Bryan Sico, Federico Estrada Jr., Mervin Mohammed, Christian Mangrobang
	(Collaborative research TSU-CET and TESDA- PTC TARLAC) Fabrication of Variable Refrigerate Flow (VRF) Air-Conditioning System Mock-Up Trainer Proposed Title Revision: Design and Fabrication of a Low-cost Mobile Variable Refrigerant Flow Air-Conditioning Systems' Trainer	Bryan Sico, Andres Cabalu, Arnel Punla, Leonardo Tabamo
	Design and Development of a Solar Photovoltaic (PV) System Algorithm Based on Solar Irradiance and Tilt-Angle Optimization of Tarlac City	Maan Florendo, Leo P. Piao, Aldrin JoarTaduran
	I.S.D.A. (Integrating Safety and Developing Arrays) in the Market I	Robert Marcos
	Orthopedic Cast for Limb Fractures with Infrared/Near Infrared Technology	Raul Canlas, Aldrin Joar Taduran, Aldrin Villanueva
	PET Bottles as a Filament for 3D Printer	Adam Rombaoa, Aldrin Joar Taduran, Aldrin Villanueva
	Solar Power as Substitute Source of Power for Surveying Equipment in Civil Engineering Department	Michael Tomas, Randy Policarpio
	Aquaculture System for Rehoboth Children's Home, Incorporated	Enalyn Domingo, Aldrin Joar Taduran, Idris Jeffrey Manguera
	Durability of Tarlac State University-Administration Building against Carbonation Induced Corrosion	Leonides Tatu, Neil Andrew Meneses, Bonjoebee Bello
	Automated Backyard Gardening System for	Enalyn T. Domingo, Ferdinand L. Marcos, Crispin I. Flora

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	Rehoboth Children's Home, Incorporated	
	Infrared Thermal Analysis Model for Detecting and Correcting Unbalanced Electrical Loads	Crispin Flora, Ferdinand Marcos, Enalyn Domingo
	CLASSROOM FOR EVERYONE! Moving Towards Education 4.0	Michael Tomas
	Comparative Study of Coupled and Decoupled Lateral Force Resisting System	Randy Policarpio, Susa Nina Sapad, Ma. Jan Nickole Fernandez
	Controlled Chicken Farming System for Rehoboth Children's Home, Incorporated	Cid Lapuz, Enalyn Domingo, Aldrin Joar Taturan
	Design and Development of a High-Performance Water Pump for Irrigation among (IA) Irrigation Association Farmers of Sta Barbara Victoria Tarlac	Bryan Sico, Arnel Punla, Erwin Sibal, Christian Mangrobang
	Design and Development of a Portable Lamp Powered by a Corn Leaf Electrolyte	Crispin I. Flora, Maan B. Florendo, Miriam S. Galvez
	Design and Development of Mushroom Growing Bag Filling Machine	Arnel Punla, Larry Suboc, Raul Canlas
College of Criminal Justice Education	Disciplinary Policies of the Criminology Department in United School of Science and Technology: An Assessment	Jan Vincent S. Carmen, Lian Carla C. Luzong, Jayson R. Felix
	Factors Influencing Disaster and Emergency Preparedness among Faculty and Staff of Tarlac State University	Ramil M. Las-igan, Arturo V. Panzo, Francis D. Bicoy
	An Assessment on the Level of Awareness of Barangay Officials and Residents of San Vicente, Tarlac City on the Legal Aspects of Search and Seizure	Lian Carla C. Luzong, Jan Vincent S. Carmen, Marie Fe Buscayno
	Inter-Agency Collaboration for Community Drug Prevention in Tarlac City	Roel Alviar, Theodore Timpac, Jayson R. Felix
College of Arts and Social Sciences	Problems, Strategies, and Developments of AB English Students in Learning the Korean Language	Mr. Henry M. Andres, Lani B. Aguas, Rodel P. Macasaquit
	The Impact of Corona Virus Disease (Covid-19) Pandemic Among Adolescents vis-à-vis their Personality Type	Marie Paz H. Angeles

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The Language of Want: Analyzing the Linguistic Components of Filipino-made Advertisements on YouTube	Rolien Mark M. Balisi, Brendalyn A. Manzano
Implementation of Training Policies at Training and Doctrine Command, Phillipine Army: Standardization and Unification	Gladie Natherine G. Cabanizas
A Survey on the Telepsychology Practices of Licensed Counselors and Psychologists in the Philippines	Laarni T. Capinding, Alain Bernard A. Andal
A Descriptive Phenomenological Analysis of the Experience of Contracting Covid-19	Laarni T. Capinding, Jeremiah Paul C. Silvestre
A Proposed Documentary on Tarlac Province's Flagship Products	Janice C. Dela Cruz, Maria Fermina Joyce C. Nucum, Jazzel Llaneli M. Manabat
Classroom Misbehaviour Among Freshmen Students of Tarlac State University	Juvy V. Galamay, Louis Adonis G. Silvestre, Maria Elena D. David, Florence Sapasap, Marilou P. Agustin
Life Interrupted: Experiences of Mothers living in Enhanced Community Quarantined Areas	Grace Anne C. Hasegawa
Development, Fabrication and Acceptability of an Innovative Multi-Purpose Solar Power Charging Station	Agnes M. Macaraeg, Aloysius T. Madriaga, Edgar A. Macaraeg, Rodel T. Botio
"BROKEN VAW" Program for TSU Female Students: An Acceptability Assessment	Louis Adonis G. Silvestre
An Evaluation of CWTS class management among CWTS teachers of the school year 2018-2019	Louis Adonis G. Silvestre, Jessie H. Domingo
Factors Affecting Student Quality of Life: Perceived Stress, Academic Coping, and Mental Well-being	Angela Christinne Q. Villavicencio, Jersey P. Pangilinan
BOOM NA BOOMERS: A Psychological Study on Factors that Affect Successful Aging Among People in Late Adulthood	Editha Q. Villavicencio, Jersey P. Pangilinan, Enrico T. Tañedo

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	Development of Filipino Adversity Quotient Scale (FAQS)	Editha Q. Villavicencio, Jersey P. Pangilinan, Angela Christinne Q. Villavicencio
	Work from Home Experiences: A Corona Virus Disease (COVID-19) Aftermath	Editha Q. Villavicencio
	Promoting High Ethical Standards and Morality Among TSU Officials and Employees: An Existential and Phenomenological Approach	Rodel Macasaquit
College of Science	Modelling Leadership Frames of Female Unit Heads in Tarlac State University	Willie I. Alagano
	Assessment of Sodium Hypochlorite Concentration in Tap Water Sources as an Impact of Bleach Disinfection Strategy	Jaidriel Meg G. Cabanding
	Adopting Lightboard for Flexible Learning: Creating Mathematical Asynchronous Learning Videos for Better Learner Engagement	Chris Mark V. Catalan
	Predicting Board Exam Performance Using Machine Learning Algorithms	Chris Mark V. Catalan
	Outcomes of the Health Intervention Programs for Children in Sitio Paoay, Guiteb, Ramos, Tarlac	Regie S. Jimenez, Adora N. Obregon, Maria Susan Z. Maglaqui, Lucila O. Sunga
	Exploring Undergraduate Nursing Student's Attitude Towards Research: A Basis to Enhance Instructional Approach	Lucila O. Sunga
	Outcomes of the Health Intervention Programs in Sitio Paoay, Guiteb, Ramos, Tarlac	Adora N. Obregon, Lorna C. Gamis, Mary Jane N. Rigor, Lucila O. Sunga
	Growth Promoting Effect of Weeds in Some High-Value Crops	Geraldine R. Gamoso, Xyris Gerald A. Fernandez
	Assessment of the Disaster Response to the Covid-19 Pandemic in Region III: Some Response Strategies for Future Health Emergencies	Alma M. Corpuz, Maria Susan Z. Maglaqui

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	Student Perceptions of Educational Environment in the TSU Nursing Program: A Mixed Methods Study	Mary Jane N. Rigor
	Assessment on Heavy Metal Contents in Soil and Plants Exposed to High and Low Traffic Density in Tarlac City	Marnnela O. Guinto
	Rapid Biodiversity Assessment (BIORAP) in the Ancestral Domain of the Aeta Mahawangas in Capas, Tarlac	Bertrand Aldous L. Santillan and Wesley S. Gagarin
	Flood Vulnerability and Community Adaptation Strategies in Low Lying Areas of the Municipality of Ramos, Tarlac	Bertrand Aldous L. Santillan and Wesley S. Gagarin, Geraldine Gamoso
College of Teacher Education	Pagbuo at Balidasyon ng Modyul sa Ugnayang ng Wika, Kultura at Lipunan para sa Kolehiyo	Arlyn C. Cura, Jessica Marie I. Dela Peña
	Online Modyul para sa MAED Fil Pagsasalang Wika: Isang Pagtataya	Arlyn C. Cura, Jessica Marie I. Dela Peña
	Evaluation of Students' Service-Learning Experiences: Basis for an Interdisciplinary Curriculum Model	Maria Agnes P. Ladia
	Science Teachers' Involvement in Climate Change Mitigation: Basis for An Action Plan for Integration into School Programs	Cynthia G. Quiambao, Alma M. Corpuz
	Utilization of Kondol and Sweet Potato for JAM: Its Process and Acceptability	Rosario C. Salas, Leodivina P. Tagama
	Students' School Involvement for Effective Educational Practice in the Time of Pandemic	Chona P. Conte, Ninez B. Tulo, Jovy P. Tomas
	Internet Connectivity and Technology Resources of Faculty and Students: Basis for Development of Flexible Learning Modalities to Embrace the New Normal in Education	Jasper Jay N. Mendoza, Elizabeth P. Balanquit, Paulo Xavier V. Samson
	Development and Validation of Aede Model New Tool in Assessing the Impact of the Community Extension Program	Jessica Marie I. Dela Peña, Ninez B. Tulo

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	Day Care "TURO" Program for the Child Development Workers in Four Municipalities in Tarlac Province: An Evaluation	Cynthia G. Quiambao
	Students' Reading Comprehension for Effective Communication: Basis for Remediation	Ninez B. Tulo, Criselda A. Madriaga
	Review of Curricular Offerings at the TSU-CTE Graduate School: Basis for Enhancements during the Challenging Times	Jasper Jay N. Mendoza, Ma. Theresa A. Acosta, Mellany G. Masangkay
	Sweats of Physical Education Instructions During Pandemic Crisis	Jasper Jay N. Mendoza, Trinidad A. Lumna, Jefferson R. Herrera
	The Level of Teaching Competence of Teachers Who Graduated from TSU-CTE Graduate School Using the Seven Domains of Philippine Professional Standards for Teachers (PPST)	Ma. Theresa A. Acosta
	Teacher Preparedness for Inclusive Education: Its Implications to the Teacher Education Program	Joanne Marie I. Escalona
	Assessment of Integration of Environmental Education (IEE) in the New Teacher Education curriculum (NTEC) of SUCs in Region 3: Exploring Steps towards Curriculum Greening	Julieta M. Lagasca, Teody San Andres, Alma M. Corpuz
College of Business and Accountancy	The Multi-Faceted State University: Its Innovativeness and Stakeholder Orientation	Wilmark J. Ramos, Daisy V. Medrano
	In Pursuit of an MBA: The Moderating Role of Gender in Students' Motivation and Engagement	Wilmark J. Ramos, Susan D. Ramirez
	Entrepreneurs' Resilience and Their Marketing Behavior	Wilmark J. Ramos, Reissa Joselle D. Gopez, Hazel T. Maborang
	The Mediation of Satisfaction on Tangibility of A Food Service Provider and Customers' Behavioral Intention	Wilmark J. Ramos, Nathaniel Joshua B. Aguas

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	The Role of Microenterprises in Employment Creation and Income Generation	Aldrex G. Laxamana, Sheila Jane L. Gonzales, Queenie B. Naraja
	Financial Stability and Literacy of Microenterprises	Aldrex G. Laxamana, Jasper A. Yauder
	Audit Services to Cooperatives: An Evaluation	Maria Teresa C. Agustin
	Development and Validation of Outcomes-Based Worktext in Business and Transfer Taxation	Derick S. Figueroa, Lawrence D. Sempio, Henry D. Rufino
	Impact Assessment on Extension Services to Agrarian Reform Beneficiary Organization	Henry D. Rufino, Olyvette P. Flores, Jasper A. Yauder
	Development and Validation of Outcomes-Based Worktext in Income Taxation	Derick S. Figueroa, Jerry D. Mariano, Henry D. Rufino
	Management Accounting Practices of Selected DTI KMME Project Enterprises: Basis for Extension Services	Henry D. Rufino, Derick S. Figueroa, Val Lawrence V. Flores
	Evaluation of Ecotourism in Tarlac: Inputs Towards Tourism Improvement Efforts in the Province	Princess Carol L. Feliciano
	Teaching Methodology and Challenges of Accounting Educators in Implementing Outcomes-Based Education in Higher Educational Institution	Henry D. Rufino
	Demand Chain Management Practices of Micro, Small and Medium Enterprises in Tarlac	Limuel P. Pavico, Elvira B. Mercado, Arlene R. Gabriel
	Evaluation of Extension Programs and Services of the College of Business and Accountancy-Tarlac State University	Limuel P. Pavico
College of Architecture and Fine Arts	Sitio Bacuit, Tibag Community Profiling: A Training Needs Assessment for Construction Manpower	Garry M. Advento, Arlen M. Guieb, Ma. Lourdes Josefina M. Reyes
	Queng Dalan: Identifying Spaces Conducive for Creative Placemaking within Poblacion, Tarlac City	Ma. Lourdes Josefina M. Reyes, Judeo R. Herrera
	Preparedness of Filipino Architects to the Work-from-Home	Raymond T. Co, Julius Caesar A. Sison

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	Scheme during the Covid-19 ECQ	
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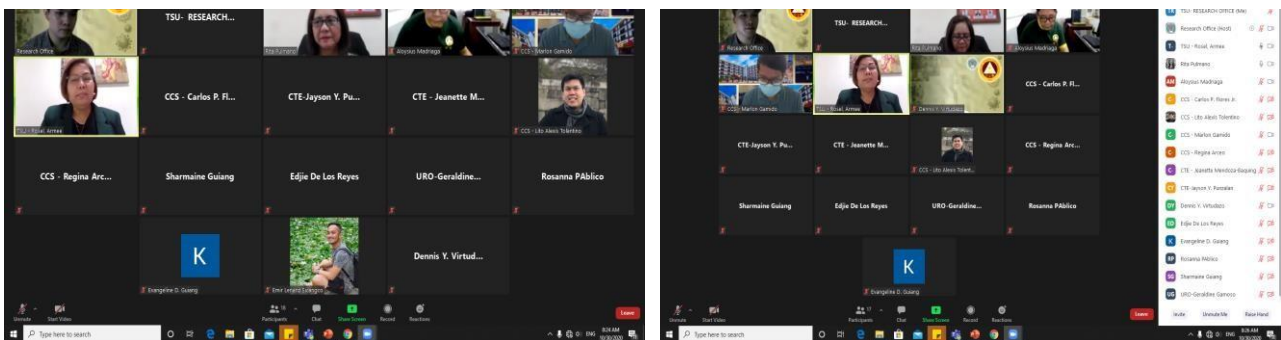
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University- wide Research Proposal Colloquium

The University Research Office conducted a university- wide research colloquium on October 23, 2020. The COVID- 19 pandemic has become not only a global health crisis, but also inflicted challenges in the economy of our country. Research plays an important role during these times of pandemic. To ensure that research outputs in our university would address the challenges in our society and even in the community, the call for proposal revolved on the theme “Educators’ Response to the Challenges of the New Normal Through Research Innovations”. A total of 17 research proposals were presented and evaluated by the research evaluation committee composed of the URO director, TDTCO director, GAD director, Deans of the CASS and CCS and an external evaluator, Dr. Marie Paz Morales.



Screen shots during the colloquium

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Table 2. List of Presented Research Proposals during the University- wide Colloquium

NO.	TITLE	AUTHOR	COLLEGE
1	Development and Validation of Laboratory Manual in Thermodynamics for Teacher Education Students	Mr. Jayson Y. Punzalan, Dr. Cynthia G. Quiambao, Ms. Sharmaine D. Guiang	College of Teacher Education
2	Development and Validation of Laboratory Manual in Electricity and Magnetism	Sharmaine D. Guiang, Dr. Cynthia G. Quiambao, Jayson Y. Punzalan	College of Teacher Education
3	Interaktibong Modyul sa Online na Pagtuturo ng Gramatikang Filipino	Jeanette M. Baquing, Ma. Shinette P. Morales	College of Teacher Education
4	Depression, Anxiety and Stress Among College Students in a State University: Basis for Counseling Interventions	Rosanna E. Pablico, RGC, Ph. D., Andie Rafael E. Quiballo, RPM, PGC	College of Teacher Education
5	Development of Covid 19 Stress Scale for College Students	Rosanna E. Pablico, RGC, Ph. D., Andie Rafael E. Quiballo, RPM, PGC	College of Teacher Education
6	Disease Symptom Tracker and Hotspot Mapping with Predictive Analysis using C5.0 Algorithm	Regina P. Arceo	College of Computer Studies
7	Contactless Data Collection and Tracer against COVID-19 using QR code	Carlos P. Flores, Jr., Ronnie B. Mercado	College of Computer Studies
8	COVID Response: Information Monitoring System for Barangay Bersamin, Alcala, Pangasinan	John F. Fernandez, Rojen John D. Agustin	College of Computer Studies
9	Time-Domain Analysis of Breathing Patterns Via Audio Waveforms	Dennis Y. Virtudazo	College of Computer Studies
10	Profiling the Internet Access Capability of CCS Students with Limited Connectivity: An Input to Implementation of an Alternative Learning Modality in the New Normal	Gilbert G. Gonzales, Patima Susanne P. Espinosa, Lito Alexis M. Tolentino	College of Computer Studies
11	Models for COVID-19 response in Tarlac: Anao and San Jose	Ramil M. Las-igan, Jan Vincent S. Carmen, Lian Carla C. Luzong	College of Criminal Justice Education
12	Campus Safety and Security Plan of All Private Schools In Tarlac City in the Midst of the Pandemic (COVID-19)	Dr. Roel R. Alviar, Ms. Girlie L. Bautista, Ms. Jelly Ann V. Mercado	College of Criminal Justice Education

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13	Effectiveness of Distance Learning and Engagement to Criminology Students this Time of Pandemic	Marie Fe F. Buscayno, Lylani S. Claro, Jairus Soriano	College of Criminal Justice Education
14	Assessment of Student Services and Programs amid COVID-19 Pandemic	Evangeline D. Guiang	Student Affairs Services – College of Science
15	COVID-19 and Tarlac Province' Hotel Industry: Disaster Management Framework and Post-Pandemic Agenda	John Edward S. Estayo, MBA, Criselda Alamo-Tonelada, DBA, Princes Carol Lampa Feliciano, MBA	College of Business Administration
16	Customer Adoption and Satisfaction to Online Banking During the Pandemic 2020	Mark Laurence A. Guzman, Dr. Jhonel C. Panlilio, Christine Janelle M. Santiago	College of Business Administration
17	VAWal 'Yan: An Assessment of VAW and GBV Cases in the Province of Tarlac	Dr. Rita E. Pulmano, Mr. Manuel Alejandro R. Bulos, Ms. Christal Galle S. Aguas	Center for Gender and Development

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Function No. 3: To provide opportunities and funding support to faculty researchers of the university in pursuing research projects that are relevant to the thrusts and needs of the university

Included in the approved revised Research operations Manual is the new research incentive scheme, the details of which is shown below:

RESEARCH OUTPUT	CORRESPONDING MONETARY INCENTIVE (Php)
Publication in any TSU Recognized Journal (Scopus Indexed, Science Direct Indexed, Thomson Reuters/Clarivate Analytics Indexed, or any CHED Recognized Journal)	STEM: Php 50,000 ABLESS: Php 30,000
Publication in refereed journal accredited by CHED	Php 20,000
Citation in Books by International Authors	Php 20, 000
Citation in Articles Published in TSU Recognized Journals (Scopus Indexed, Science Direct Indexed, Thomson Reuters/Clarivate Analytics Indexed, or any CHED Recognized or Accredited Journal)	Php 10,000 (first five citations) Php 1,000 (succeeding citations)
Winner in Regional or National Research Paper Presentation/ Competition	1 st Place/ Best paper (20, 000) 2 nd Place (10, 000) 3 rd Place (5, 000)
Winner in International Research Paper Presentation/ Competition	1 st Place/ Best paper (30, 000) 2 nd Place (20, 000) 3 rd Place (10, 000)
Best Oral Presentation in Regional and National Research Conference	Php 10,000.00
Best Oral Presentation in International Research Conference	Php 15,000.00

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Function No. 4: To establish linkages between public and private agencies, for the purpose of identifying relevant subjects or problems for research, pursue research endeavors on areas of common concern jointly with these agencies

Research Involvements

A representative from the University Research Office of the Bataan Peninsula State University, Dr. Leslie Jorge conducted a benchmarking activity to the URO- URSC represented by Ms. Angel Noveda. The said activity was held on February 19, 2020.



Dr. Leslie Jorge and Ms. Angel Noveda having an exchange of processes and systems in the respective universities

A SUC Expo was held on March 13, 2020 at the Trinoma Mall, Quezon City wherein different SUCs in the Philippines exhibited their own products. Luckily, the Tarlac State University qualified through the efforts of one of the URO staff, Ms. Abegail Feliciano. The products displayed and sold are some products of the R.P. Corpus, one of the client MSMEs of the TSU. The products sold were ready- to- drink calamansi- based fruit juice products. A total of 24 boxes out of the 30 boxes were sold in the 2- day event.



Photos taken during the “Art of SUCcess: SUC Expo 2020”

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Research Involvements

Following several meetings with faculty researchers, a potential research proposal for submission to the DOST CRADLE Program emerged. Consequently, the URO organized another meeting with the Deans and selected representatives of COS and CET on June 11, 2020 at the TSU VIP Lounge, Main Campus. The agenda was to discuss possible research collaboration on the standardization and mechanization of pickled mango production. The research idea originated from Asst. Prof. Leah Matias and Ms. Mary Katherine Apolonio of the COS - Food Technology Department who have a current project engagement with a private industry, called Garcia Mango Farm, through the DOST Tarlac. During the meeting, possible collaboration with the CBA was also discussed, specifically on the research aspects of identification of economic cost and marketing of pickled mango.



Screen shot taken during the meeting with the Garcia Mango Farm

The office also organized an online benchmarking to University of the Philippines Los Baños with regards to the International Research Collaboration via Zoom app. The benchmarking was attended by the UPLB's Vice Chancellor for Research and Extension Services, Dr. Rex Demafelis and his staff. On the part of TSU, the benchmarking was attended by Dr. Armee N. Rosel, Prof. Edjie De Los Reyes, Dr. Lino Dizon, Mr. Dennis Virtudazo, Mr. Wesley Gagarin and Ms. Abegail Feliciano.



Screenshot taken during the benchmarking activity

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Externally Funded Researches

A research proposal, led by Prof. Rodel Botio, entitled “Development, Fabrication, and Performance Evaluation of an Integrated Solar Power Generator and Water/Irrigation Pump (Phase 2)” with a total project cost of PhP 1,718,950.00 (DA Financial Support: PhP 1,425,254.00 and TSU Financial Counterpart: PhP 293,696.00).



Sample photos taken during the visit in Brgy. Balanti

Another research proposal entitled “Pilot-Testing and Technology Demonstration of a Multi-Adoptive Continuous Solar Power-Charging System for Electric Utility Vehicle (EUV)” was submitted and approved by the Department of Science and Technology with a total project cost of PhP1,999,860.00 (DOST 3 Financial Support: PhP1,599,220.00 and TSU Financial Counterpart: 400,640.00).

II. Proposing Unit: ENVIRONMENTAL SCIENCE DEPT. COLLEGE OF SCIENCE, EE DEPARTMENT, COLLEGE OF ENGINEERING TARLAC STATE UNIVERSITY Remulo Boulevard Tarlac City Tel# (043) 982-32-46 (043)996-82-00	
III. Project proponents:	
Dr. Myra Q. Mallari	- Project Manager Specialist – Project Implementation and management, Economics and Business
Dr. Armae N. Rosel	- Project Supervisor Specialist- Research and Development Management
Prof. Rodel T. Botio	- Project leader Specialist - Renewable Energy (Solar Innovation Technology)
Prof. Antonio C. Rosel	- Member, Technical Specialist (Environmental Management)
Engr. Michael B. Tomas	- Member – Technical Specialist (Electrical Safety and Control System)
IV. Sector: Transportation and Solar Energy Utilization	
V. STATUS: Pilot testing and Technology Demonstration	
VI. Project Cost:	PhP1,999,860.00
DOST 3 Financial Support:	PhP1,599,220.00
TSU Financial Counterpart:	PhP400,640.00
VII. Project Duration: ONE YEAR (12) months January 2020-December 2020	
VIII. Project Background and Justification	
Electric Utility Vehicle (EUV) is a vehicle which can be used for metropolitan medium range land transportation for city travellers moving from one place to another within busy city proper. It is a multipurpose electric mini cart that uses battery as the main source of energy to run and drive the cart. Commercially available EUV uses the power from the grid to charge the battery which are expensive for daily routinary transport. Aside from daily charging expenses,	

Scanned copy of the Project Proposal (1st page)

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Function No. 5: To coordinate and monitor research projects of the various colleges and units of the university

Monitoring of Researches

Monitoring of researches is an important part in the research generation process. The RMCBU is in- charge on the monitoring of researches. To better monitor the progress of the research proposals, the RMCBU is assisted by the designated College Research Chairpersons. Part of the functions of the CRCs, as stated in their special order, is the monitoring of research proposals in their respective colleges. The monitoring of researches is done every 2 months via sending of emails to the faculty researchers.

College	Number of times the CRC monitored the researches
College of Engineering and Technology	3
College of Computer Studies	3
College of Business and Accountancy	1
College of Architecture and Fine Arts	1
College of Teacher Education	1

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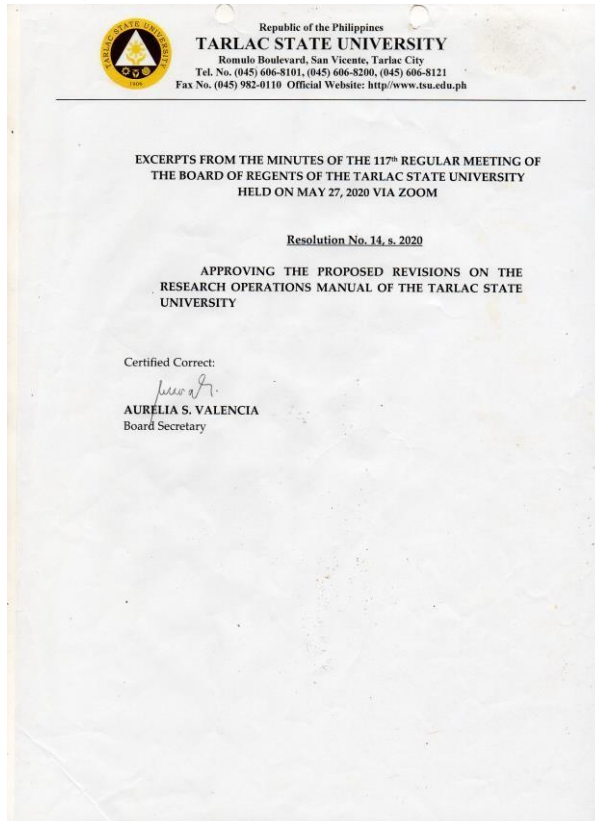
To formulate and implement research policies and guidelines

Formulation and Implementation of Research Policies and Guidelines

Approval of the revisions on the Research Operations Manual

In the desire of the office to improve the research generation process in the university, some of the policies and guidelines were revisited and revised. The restructuring of the University Research Office is one of the highlights on the revisiting of the research policies and guidelines.

All the revisions were incorporated in the Research Operations Manual and was approved by the Board of Regents on May 27, 2020 with Resolution No. 14.



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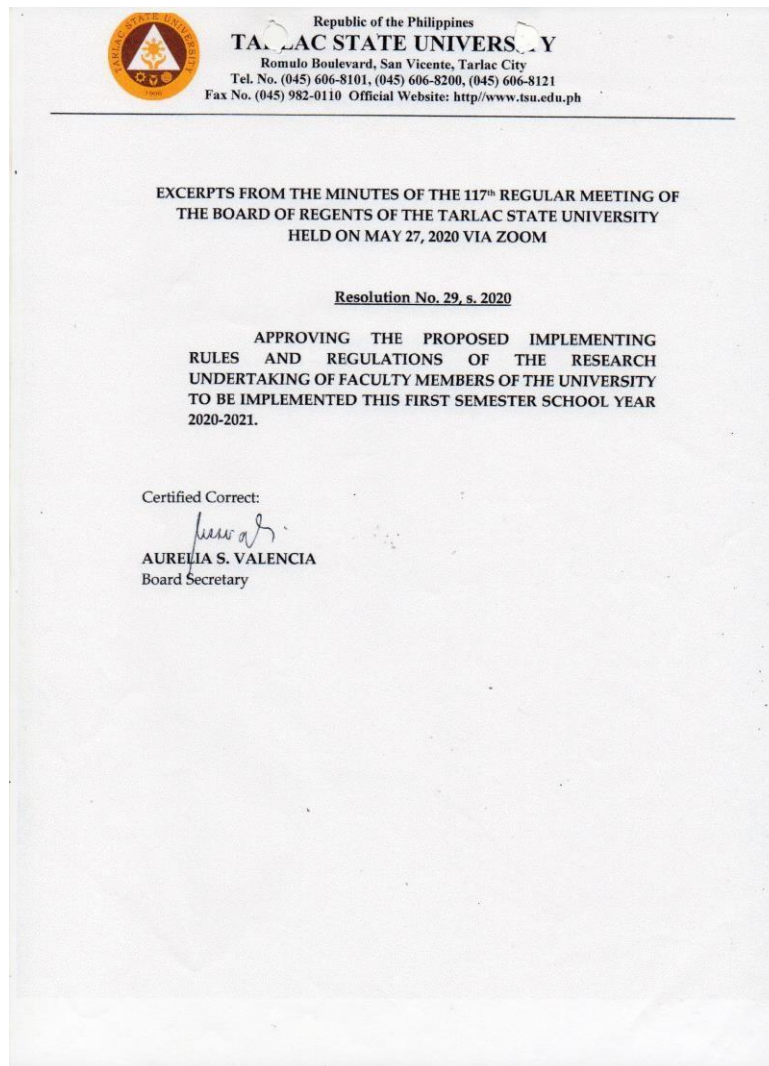
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Formulation and Implementation of Research Policies and Guidelines

Approval of the Implementing Rules and Regulations of the Research Undertaking of Faculty Members

Following the Administrative Council Resolution No. 21 s. 2019 stating that all assistant professors 1 and above will be given 12 units teaching load and 6 units research assignment, the office formulated rules and guidelines which will take effect on 2021. The said implementing rules and regulations were approved by the Board of Regents with a Board Resolution No. 28 s.2020.



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Formulation and Implementation of Research Policies and Guidelines

Creation of URO Systems Procedure and Guidelines Manual

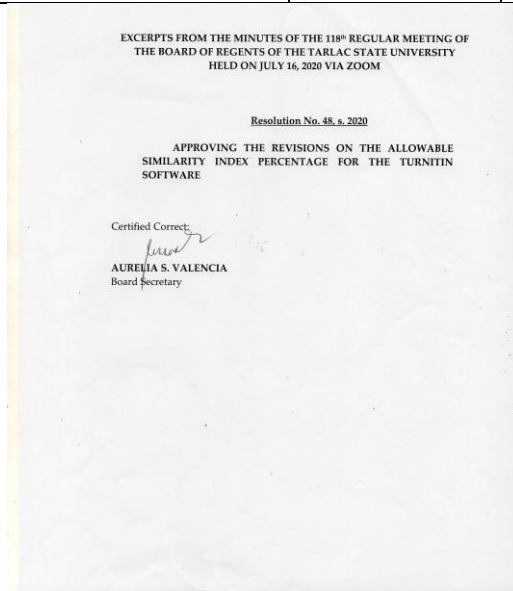
Following the approval of the revisions on the Research Operations Manual, the office created the Systems Procedure and Guidelines Manual and were registered in the IMS Office on August 18, 2020 and September 1, 2020 respectively. The said manuals were also uploaded in the faculty portal and were distributed to all colleges.

Approval of the Revisions on the Allowed Similarity Index for the Turnitin Software

The proposed revisions on the allowable similarity index (ASI) percentage for the Turnitin software has been approved by Virtue of BOR Resolution No. 48 s. 2020 dated July 16, 2020.

Table 7. Approved matrix guide on the Turnitin ASI % applicable to all articles/ researches submitted by students or researchers of the Tarlac State University

CATEGORY OF ARTICLE/RESEARCH REQUIREMENT	TYPE OF SIMILARITY	ALLOWABLE SIMILARITY INDEX %	EXCLUSIONS
Undergraduate	Single Source Similarity	≤ 10 %	Preface, Bibliography/ References, Appendices and Quoted Articles
	Overall Similarity	≤ 25 %	
Master's Degree	Single Source Similarity	≤ 5 %	
	Overall Similarity	≤ 20 %	
Doctoral Degree and Faculty Research	Single Source Similarity	≤ 5 %	
	Overall Similarity	≤ 15 %	



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Formulation and Implementation of Research Policies and Guidelines

Online Submission of Requests for Turnitin and Statistician

In compliance to the social/ physical distancing protocol being implemented due to the COVID- 19 pandemic, the office adjusted its process on the submission of requests for Turnitin and Statistician. Based on the released memorandum order, faculty researchers and students may send their request forms and other requirements through email.


 Republic of the Philippines
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 UNIVERSITY RESEARCH OFFICE
 Tarlac City
 Tel. No. (045) 606-8190
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TSU-URO-051 s. 2020

Date: **September 3, 2020**

To: **ALL CONCERNED FACULTY MEMBERS AND CLIENTS**

Subject: **ONLINE SUBMISSION OF REQUEST FOR TURNITIN RUN AND STATISTICIAN**


In compliance to the social/physical distancing protocol being implemented due to the Covid-19 pandemic, please be informed that the URO will only be receiving requests for Turnitin run and requests for appointment with statistician through email: research@tsu.edu.ph, starting on August 19, 2020, Thursday.

Below are the requirements for each service and their respective processing time after the receipt of complete requirements:


Service	Requirements	Processing Time
Turnitin Run	<ol style="list-style-type: none"> TURNITIN RUN REQUEST FORM Rev. 01 (TSU-URO-SF-45) in .PDF, .JPG or .PNG file format (indicate if undergraduate, master's or doctorate degree) OFFICIAL RECEIPT for Turnitin Run in .PDF, .JPG or .PNG file format THESIS/ DISSERTATION/ WRITTEN ARTICLE in .DOC / .DOCX / or .PDF file format 	Up to 3 Working Days
Arrangement of Appointment with Statistician	<ol style="list-style-type: none"> APPOINTMENT FORM Rev. 00 (TSU-URO-SF-39) in .PDF, .JPG or .PNG file format THESIS/ DISSERTATION/ WRITTEN ARTICLE in .DOC / .DOCX / or .PDF file format 	Within 1 Working Day


Attached herewith are the copies of Turnitin Run Request Form and Appointment Form for your use. These are also available for download at the TSU website under the downloads section for faculty and personnel (<https://www.tsu.edu.ph/downloads/faculty-and-personnel/>)


For your guidance and information.


PROF. EDJIS M. DE LOS REYES
 Director, University Research Office

Noted:


DR. ARMEE N. ROSEL
 VP, Research and Extension Services


DR. ERWIN P. LAGANLALE
 VP, Academic Affairs

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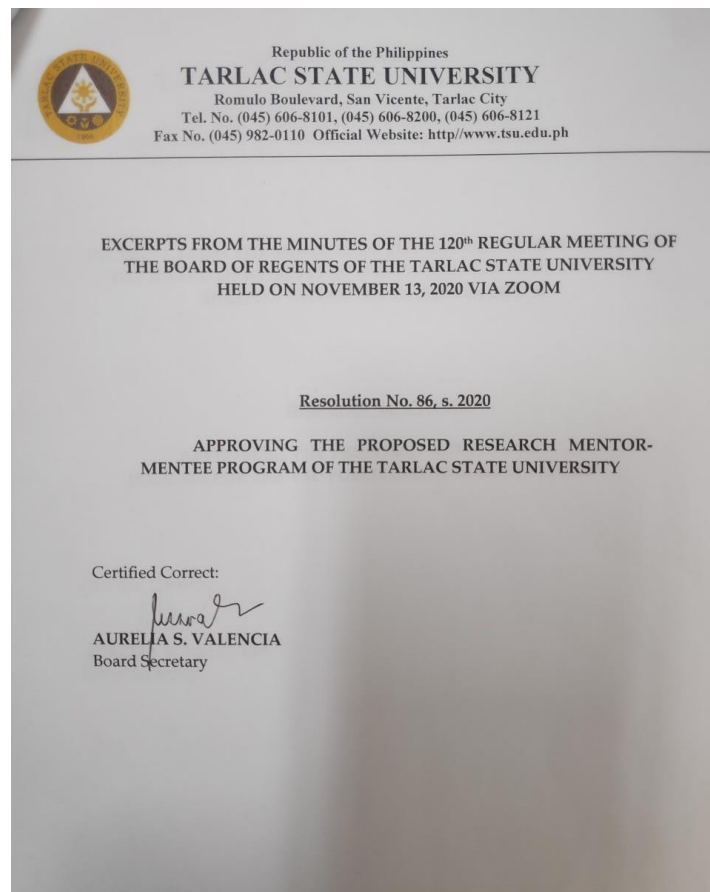
Formulation and Implementation of Research Policies and Guidelines

Research Mentor-Mentee Program of the Tarlac State University

One of TSU's challenges in the SUC levelling instrument indicator is the number of faculty researchers, wherein, faculty researcher is defined as plantilla faculty members who have produced and published at least two (2) research-based papers within the last three (3) years.

To get the maximum point in this criterion, at least 40% of the plantilla faculty members should be classified as faculty researchers. Hence, to increase the current roster of faculty researchers, the TSU RESEARCH MENTOR-MENTEE PROGRAM was proposed and approved by the Board of Regents on November 13, 2020 with Board Resolution No. 086 s. 2020

The Mentor-Mentee Program is designed to help new researchers hone their research and publishing skills by assigning a faculty researcher that will guide them from the conceptualization up to the dissemination of their research work through publication.



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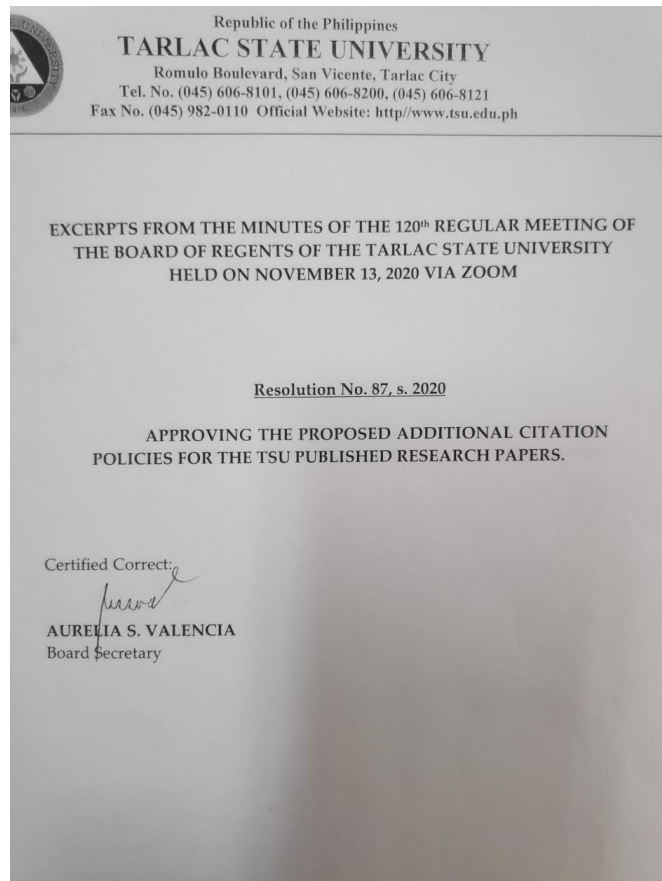
Formulation and Implementation of Research Policies and Guidelines

Additional Policies on the Citation of the Tarlac State University's Published Research Papers

To improve the TSU research papers citation counts, additional citation policies for TSU funded/generated researches is hereby proposed and was approved by the Board of Regents on November 13, 2020 with Board Resolution No. 087.

Policy

1. To increase citations of TSU, faculty members are encouraged to cite related published researches of other faculty members whose papers are affiliated with TSU.
2. All research programs/projects SUBMITTED for PUBLICATION FUNDING to TSU shall cite TWO related research papers published by TSU faculty members in TSU recognized journals.
3. Faculty members whose research/es are cited by TSU faculty members are eligible for Php 1,000. incentive per citation.
4. NO incentive will be given for self-citation.



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Formulation and Implementation of Research Policies and Guidelines

Updating and creation of new forms

The revisions on the policies and guidelines of the office also led to the revisions on the official forms. This year, the office revised some existing forms and created new forms anchored with the new guidelines and policies.

Table 8. List of Updated Office Forms

Document Title	Document No.	Revision No.	Effectivity Date
Research Capsule Proposal	TSU-URO-SF-01	5	3-Mar-20
College Research Evaluation Committee Form	TSU-URO-SF-02	6	3-Mar-20
Researcher's Profile	TSU-URO-SF-03	2	3-Mar-20
UREC Evaluation for Research Proposal	TSU-URO-SF-05	5	17-Jul-20
Authenticity of Authorship and Commitment to Revise	TSU-URO-SF-07	2	3-Mar-20
Appointment Report Form	TSU-URO-SF-39	1	25-Aug-20
Request for Funding of Paper Publication	TSU-URO-SF-41	3	6-Mar-20
Request for Funding of Paper Presentation	TSU-URO-SF-42	3	6-Mar-20
Incoming/ Outgoing Log	TSU-URO-SF-43	1	6-Mar-20
Turnitin Run Request Form	TSU-URO-SF-45	1	14-Feb-20
Notification Slip	TSU-URO-SF-46	1	13-Aug-20
Post- Activity Evaluation Form	TSU-URO-SF-47	2	28-Aug-20
Approval of Funding Form	TSU-URO-SF-51	1	25-Aug-20
Services Log	TSU-URO-SF-52	0	30-Jan-20
Turnitin Services Log	TSU-URO-SF-53	0	14-Feb-20
Request for Incentive of Research Citation	TSU-URO-SF-54	0	5-Jun-20
Request for Incentive of Research Presentation	TSU-URO-SF-55	0	5-Jun-20
Request for Incentive of Research Publication	TSU-URO-SF-56	0	5-Jun-20
Request for Incentive as Winner in Competition/ Presentation	TSU-URO-SF-57	0	5-Jun-20
Finished Research Paper Monitoring Form	TSU-URO-SF-58	0	3-Jul-20
Request for Approval of Research and Appropriations of Funds	TSU-URO-SF-59	0	28-Jul-20
Notice to Proceed	TSU-URO-SF-60	0	28-Jul-20
Post- Activity Report	TSU-URO-SF-61	0	8-Sep-20

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Function No. 6: To aid in the dissemination of research outputs through research publication, research presentations, workshops, roundtable discussions, workshops, and newsletters

2nd Regional Research Conference

The Tarlac State University, through the University Research Office, held its 2nd Regional Research Conference via Zoom last December 3, 2020. The conference was attended by the faculty researchers from Tarlac State University, Tarlac Agricultural University, and Pampanga State Agricultural University. Representatives from the different LGUs and government agencies of Tarlac province have also participated in the conference. The invited plenary speakers were Dr. Erniel Barrios, a professor in the School of Statistics and Dr. Ma. Soccoro Bautista, a professor in the School of Economics, both at the University of the Philippines Diliman. A set of external evaluators were also invited. The invited evaluators were Dr. Marie Paz Morales from PNU, Dr. Angelina Borican from PUP, Dr. Ernesto Abaya from UP and Mr. Wilfredo Sibal from the DOST 3. A total of 16 research papers were presented in the 2nd RRC.



Screenshots taken during the 2nd RRC

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Capacity Building Activities

Short Research Writing Seminar- Training at the College of Architecture and Fine Arts

The URO, initiated by the RMCBU, conducted a Short Research Writing Seminar-Training on February 28, 2020 at the College of Architecture and Fine Arts. A total of 10 faculty researchers from the CAFA had attended in the said seminar- training.



Photos taken during the seminar- training

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Capacity Building Activities

Training Workshop on Conducting Impact Assessment

A training- workshop on conducting impact assessment was organized and conducted by the Office of Planning, Performance Monitoring and Evaluation, headed by Dr. Jay Pabustan, in collaboration with the University Research Office on March 6, 2020. The head of the RMCBU, Mr. Wesley Gagarin was invited as a resource speaker in the said training. A total of 25 faculty researchers from the different colleges attended and joined in the activity.

Training on the Use of Turnitin Software in Microsoft Teams

A training on the Use of Turnitin Software in Microsoft Teams, in coordination with Turnitin Philippines, was organized and conducted on August 4, 2020 via Zoom app. The training was attended by the College Research Chairpersons and another college representative, representatives from the MISO and URO personnel. The invited speaker was Suji Jeon, a Professional and Services Consultant of Turnitin, LLC.

 Republic of the Philippines TARLAC STATE UNIVERSITY UNIVERSITY RESEARCH OFFICE Tarlac City Tel. No. (045) 606-8190 E-mail Address: research@tsu.edu.ph		
OFFICE MEMORANDUM ORDER TSU-URO-039 s. 2020		
Date:	July 29, 2020	<i>Tarlac State University</i> <i>Office Management Unit</i> <i>By: [Signature]</i> Date: JUL 30 2020
To:	All College Deans Dr. Heidilyn V. Gamido (Director, MISO)	
Thru:	All College Research Chairpersons Representatives from MISO	
Subject:	Training on the Use of Turnitin Software in Microsoft Teams	
<p>The University Research Office has coordinated with the Turnitin Philippines to hold the training entitled The Use of Turnitin Software in Microsoft Teams on August 4, 2020 at 1:30 PM via Zoom. The speaker is Suji Jeon, a Professional and Education Services Consultant of Turnitin, LLC.</p> <p>The said training intends to enhance the knowledge of the URO Personnel, College Research Chairpersons (CRCs), College representative, and MISO Personnel on the use of Turnitin and its integration with MS Teams. Each college is requested to send one (1) additional representative to participate in the activity. After the training, the CRCs and the college representative are highly encouraged to conduct a re-echo training with regards to the activity.</p> <p>The URO will be sending the Zoom meeting link to the participants through email. For the additional representatives from each college and from MISO, kindly communicate the names and emails for the copy of the link.</p> <p>Thank you for your usual support on our engagements.</p>		
		PROF. EDJIE M. DE LOS REYES Director, URO MR. MARLON C. DELA CRUZ Director, HRDMO
Noted by:	DR. ARMEE N. ROSEL Vice President for Research and Extension Services, TSU DR. ERWIN F. LACANLALE Vice President for Academic Affairs, TSU For OMS:	

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Seminar- Workshop on Publication to the Recoletos Multidisciplinary Research Journal

The University Research Office is continuously striving to attain the office's targets aligned with the university's vision to be a champion research institution. One of the initiatives made by the office is assisting the faculty researchers to publish their research paper to Recoletos Multidisciplinary Research Journal (RMRJ), a CHED accredited journal. The office identified unpublished research papers that are closely aligned to the requirements of the said journal. To ensure that the research papers will be accepted by the journal, the office conducted a capacity building on the publication to RMRJ on September 23, 2020. Internal speakers were also invited who also served as the mentors of the identified faculty researchers. A total of 19 participants attended the seminar-workshop.

The invited speakers were:

		Topics Discussed
Alvincent Danganan	BSCS Chairperson, CCS	Formulation of Research Title and Research Abstract
Theda Flare Quilala	BSIT Chairperson, CCS	Writing of Introduction and Conclusion of Research Paper
Heidilyn Gamido	Director, MISO Faculty, CCS	Writing of Results and Discussion of Research Paper
Edjie De Los Reyes	Director, URO Faculty, CCS	Writing of References of Research Paper, Research Tools (Mendeley, Grammarly, Turnitin)

To: All Concerned
Subject: Participation to the Seminar- Workshop on Publication to the Recoletos Multidisciplinary Research Journal (RMRJ)

The following are invited to attend and participate in the Seminar- Workshop on Publication to the Recoletos Multidisciplinary Research Journal (RMRJ):

Name of the Participant	College/ Office
Abigail F. Feliciano	URO
Lea B. Milan	COS
Aljon N. Lusong	COS
Larmi T. Capinding	CASS
Daniel T. Dixon	CASS
Editha Q. Villavicencio	CASS
Joseph M. Melegrito	CTE
Jeremy R. Canlas	CTE
Juliette M. Lagasca	CTE
Francelle L. Calub	CASS
Leodivina P. Tagama	CTE
Ma. Shinette P. Morales	CTE
Ma. Tiara Fatima Galang	CPAG
Vien Jamaica Samson	CPAG
Melany Masangkay	CTE
Sheila Marie David	CTE

The seminar- workshop will be via MS Teams and will start at 8:00 A.M. Attached herewith is the program for the said activity.

At the end of the activity, participants are expected to have a research manuscript ready for submission to the RMRJ.

The URO is anticipating for your cooperation and participation to this capacity building. Let us all work together to reach the university targets. Thank you

PROF. EDJIE M. DE LOS REYES
Director, URO

DR. ARMEE N. ROSEL
Vice President, RES

For DMS

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Capacity Building Workshop for IJCSE Publication

The URO also extended its support to the College of Computer Studies in the conduct of Capacity Building Workshop for Indian Journal for Computer Science and Engineering (IJCSE) Publication on October 13, 2020 at the Conference Room of the CCS. There were 10 faculty researchers with completed research paper who attended in the workshop. The speakers were also faculty researchers from the CCS who have research publications.



Photos taken during the capacity building workshop

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PBB ACCOMPLISHMENTS

Table 9. PBB Accomplishments per College

	Performance Indicator 1: <i>Number of Research Outputs Completed Within the Year</i>	Performance Indicator 2: <i>Percentage of Research Outputs Published in Internationally-Refereed of CHED Recognized Journals Within the Year</i>	Outcome Indicator: <i>Number of Research Outputs in The Last 3 Years Utilized by the Industry or by other Beneficiaries</i>
CPAG	2	0	0
CASS	1	0	0
CBA	2	0	0
CET	2	0	0
CCS	6	1	1
CAFA	2	0	0
CTE	4	2	1
COS	7	0	6
CCJE	3	0	0
TOTAL:	28 (1 Collaboration between CPAG and COS)	3	8

Table 10. PBB Accomplishments Per Faculty Member

	Performance Indicator 1: <i>Number of Research Outputs Completed Within the Year</i>	Performance Indicator 2: <i>Percentage of Research Outputs Published in Internationally-Refereed of CHED Recognized Journals Within the Year</i>	Outcome Indicator: <i>Number of Research Outputs in The Last 3 Years Utilized by the Industry or by other Beneficiaries</i>
CPAG	Alfred V. Rigor	0	0
	Patricia Ann D. Estrada		
	Izelle C. Francisco		
CASS	Jeremiah Paul C. Silvestre	0	0
CBA	Reissa Joselle D. Gopez	0	0
	John Edward S. Estayo		
CET	Enalyn T. Domingo	0	0
	Ferdinand L. Marcos		
	Crispin I. Flora		
	Cid L. Lapuz		
	Leo p. Piao		
	Raul D. Canlas		
CCS	Heidilyn V. Gamido	Heidilyn V. Gamido	Carlos P. Flores
	Carlos P. Flores		Marlon V. Gamido
	Marlon V. Gamido		Ronnie B. Mercado
	Ronnie B. Mercado		Valarie D. Simbol
	Valarie D. Simbol		
	Anna Cazandra P. Delos Reyes		
	Edjie M. De Los Reyes		
	Patima Susanne C. Espinosa		

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	Gilbert G. Gonzales		
	Lito Alexis M. Tolentino		
CAFA	Judeo R. Herrera (2x)	0	0
	Jenifer T. Bernardo		
	Jeremiah M. A. Bildan		
	Arlen M. Guieb		
	Raymond T. Co		
CTE	Jessica Marie I. Dela Peña	Jasper Jay N. Mendoza (2x)	Rosario C. Salas

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Research Accomplishments

Table 11. Summary of Research Accomplishments per College

College	Number of Proposals in 2020	Number of Approved Proposals in 2020	Total No. of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
CAFA	3	1	1	2	0	0
CASS	16	1	1	1	0	0
CBA	17	2	2	2	0	5
CCS	23	11	11	4	1	11
CCJE	7	0	0	3	0	0
CET	24	7	9	2	0	9
CPAG	5	0	0	2*	0	0
COS	15	0	1	1*	0	1
CTE	20	1	1	1	2	2

* Research Collaboration between CPAG and COS

TOTAL	130	23	26	17	3	28
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Table 12. Research Accomplishments of the Faculty Researchers in the CAFA

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Advento, Garry M.	Instructor 1	1	0	0	0	0	0
Bartolo, Cesar M.	Asst. Prof. 2	0	0	0	0	0	0
Bildan, Marco F.	Asso. Prof. 5	0	0	0	0	0	0
Hirang, Leonardo S.	Asst. Prof. 1	0	0	0	0	0	0
Lowe, Alexis Norman M.	Asst. Prof. 1	0	0	0	0	0	0
Valdez, Jumar M.	Professor 6	0	0	0	0	0	0
Villegas, Paul E.	Asst. Prof. 1	0	0	0	0	0	0
Balanquit, Julia Nicole P.	Instructor 1	0	0	0	0	0	0
Bernardo, Jenifer T.	Instructor 1	0	0	0	1	0	0
Bildan, Jeremiah Marco A.	Instructor 1	0	0	0	1	0	0
Co, Raymond T.	Instructor 1	1	0	0	1	0	0
Escoto, Ethelbert A.	Instructor 1	0	0	0	0	0	0
Estrada, Jenny M.	Instructor 1	0	0	0	0	0	0
Guieb, Arlen M.	Instructor 1	1	0	0	1	0	0
Hasegawa, Paolo Andrew C.	Instructor 1	0	0	0	0	0	0
Herrera, Judeo R.	Instructor 1	2	1	1	2	0	0
Reyes, Ma. Lourdes Josefina M.	Instructor 1	1	1	1	0	0	0
Sison, Julius Caesar A.	Instructor 1	0	0	0	0	0	0
Valencia, Ferdinand S.	Instructor 1	0	0	0	0	0	0

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Table 13. Research Accomplishments of the Faculty Researchers in the CASS

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Aganon, Raffy S.	Asso. Prof. 3	0	0	0	0	0	0
Aguas, Lani B.	Asso. Prof. 3	1	0	0	0	0	0
Agustin, Marilou P.	Asst. Prof. 2	1	0	0	0	0	0
Arador, Jose Russell S.	Asst. Prof. 2	0	0	0	0	0	0
Arador, Maria Vanesa P.	Asst. Prof. 3	0	0	0	0	0	0
Cabanizas, Gladie Natherine G.	Asso. Prof. 1	1	0	0	0	0	0
Caingat, Franchete O.	Instructor 1	0	0	0	0	0	0
Capinding, Laarni T.	Asso. Prof. 1	2	0	0	0	0	0
Capitulo, Louella P.	Asst. Prof. 2	0	0	0	0	0	0
Coloma, Anna Maria Socorro Y.	Asst. Prof. 4	0	0	0	0	0	0
David, Maria Elena D.	Professor 6	1	0	0	0	0	0
Galamay, Juvy V.	Asst. Prof. 2	1	0	0	0	0	0
Hasegawa, Grace Anne C.	Asst. Prof. 4	1	0	0	0	0	0
Lopez, Ernesto Jr. C.	Asso. Prof. 2	0	0	0	0	0	0
Luis, Winifredo L.	Asst. Prof. 4	0	0	0	0	0	0
Lulu, Augusto Jr. N.	Asso. Prof. 1	0	0	0	0	0	0
Macaraeg, Agnes M.	Professor 5	1	0	0	0	0	0
Macasaquit, Rodel P.	Asst. Prof. 3	1	0	0	0	0	0
Madriaga, Aloysius T.	Professor 5	1	0	0	0	0	0
Manzano, Brendalyn A.	Professor 5	1	0	0	0	0	0
Tañedo, Enrico T.	Asso. Prof. 4	1	0	0	0	0	0
Villavicencio, Editha Q.	Asso. Prof. 5	3	0	0	0	0	0
Dela Cruz, Janice C.	Instructor 1	1	0	0	0	0	0
Nucum, Maria Fermina Joyce C.	Instructor 1	1	0	0	1	0	0
Pangilinan, Jersey P.	Instructor 1	3	0	0	0	0	0
Silvestre, Jeremiah Paul C.	Instructor 1	1	1	1	1	0	0
Villavicencio, Angela Christinne Q.	Instructor 1	2	0	0	0	0	0
Angeles, Marie Paz H.	Asso. Prof. 5	1	1	1	0	0	0
Benitez, Gherold C.	Asso. Prof. 5	0	0	0	0	0	0
Calub, Francelle L.	Instructor 1	0	0	0	0	0	0
Colar, Ritchell Maye F.	Instructor 1	0	0	0	0	0	0
Contreras, Jamie G.	Instructor 1	0	0	0	0	0	0
Corpuz, Brigido B.	Professor 6	0	0	0	0	0	0
Cura, Oliver G.	Instructor 1	0	0	0	0	0	0
Dizon, Bryan Jan S.	Instructor 1	0	0	0	0	0	0
Dizon, Lino L.	Professor 6	0	0	0	0	0	0
Lucero, Renalyn C.	Instructor 1	0	0	0	0	0	0
Madriaga, Glenard T.	Professor 3	0	0	0	0	0	0
Manabat, Jazzel Llanelli M.	Instructor 1	1	0	0	0	0	0
Manzano, Dexter L.	Professor 1	0	0	0	0	0	0
Olarte, Nerissa S.	Instructor 1	0	0	0	0	0	0
Quiballo, Andie Rafael E.	Instructor 1	0	0	0	0	0	0
Santiago, Myrel M.	Asso. Prof. 1	0	0	0	0	0	0
Silvestre, Louis Adonis G.	Asst. Prof. 2	3	0	0	0	0	0

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Table 14. Research Accomplishments of the Faculty Researchers in the CBA

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Agustin, Maria Teresa C.	Asst. Prof. 4	1	0	0	0	0	0
Amurao, Elizabeth A.	Professor 4	0	0	0	0	0	0
Catacutan, Venus L.	Asso. Prof. 5	0	0	0	0	0	0
Dela Cruz, Lydia C.	Asst. Prof. 2	0	0	0	0	0	0
Figueroa, Derick S.	Instructor 1	3	0	0	0	0	0
Geaga, Jose M.	Asst. Prof. 1	0	0	0	0	0	0
Gonzales, Sheila Jane L.	Asst. Prof. 4	1	0	0	0	0	0
Legaspi, Yvette S.	Asst. Prof. 1	0	0	0	0	0	0
Lim, Grace T.	Asso. Prof. 1	0	0	0	0	0	0
Medrano, Alejandro L.	Asso. Prof. 3	0	0	0	0	0	0
Medrano, Daisy V.	Asso. Prof. 3	1	0	0	0	0	1
Mercado, Elvira B.	Asso. Prof. 5	1	0	0	0	0	1
Mercado, Renato T.	Asso. Prof. 5	0	0	0	0	0	0
Palomiano, Jose Mariano S.	Instructor 3	0	0	0	0	0	0
Panlilio, Jhonel C.	Asso. Prof. 5	1	0	0	0	0	0
Pascua, Luzviminda B.	Asst. Prof. 3	0	0	0	0	0	0
Pavico, Limuel P.	Asso. Prof. 1	2	1	1	0	0	1
Payabyab, Rhene G.	Asso. Prof. 1	0	0	0	0	0	0
Ramirez, Susan D.	Asso. Prof. 5	1	0	0	0	0	1
Ramos, Rowena C.	Asso. Prof. 5	0	0	0	0	0	0
Ramos, Wilmark J.	Instructor 1	4	0	0	0	0	1
Rufino, Henry D.	Asst. Prof. 4	5	1	1	0	0	2
Santiago, Christine Janelle M.	Asst. Prof. 4	1	0	0	0	0	0
Santos, Dennis C.	Asst. Prof. 1	1	0	0	0	0	0
Silaran, Ferdinand Y.	Instructor 1	0	0	0	0	0	1
Tonelada, Criselda A.	Asst. Prof. 3	1	0	0	0	0	1
Aguas, Nathaniel Joshua B.	Instructor 1	1	0	0	0	0	0
Estayo, John Edward S.	Instructor 1	1	0	0	1	0	0
Feliciano, Princess Carol L.	Instructor 1	2	0	0	0	0	0
Flores, Olivette P.	Instructor 1	1	0	0	0	0	0
Flores, Val Lawrence V.	Instructor 1	1	0	0	0	0	0
Gabriel, Arlene G.	Instructor 1	1	0	0	0	0	0
Gopez, Reissa Joselle D.	Instructor 1	1	0	0	1	0	0
Guzman, Mark Laurence A.	Instructor 1	1	0	0	0	0	0
Laxamana, Aldrex G.	Instructor 1	2	0	0	0	0	0
Mabborang, Hazel T.	Instructor 1	1	0	0	0	0	0
Mariano, Jerry D.	Instructor 1	1	0	0	0	0	0
Naraja, Queenie B.	Instructor 1	1	0	0	0	0	0
Sempio, Lawrence D.	Instructor 1	1	0	0	0	0	0
Yauder, Jasper A.	Instructor 1	2	0	0	0	0	0
Abalos, Winston F.	Asst. Prof. 2	0	0	0	0	0	0
Medina, Maria Sheila G.	Instructor 1	0	0	0	0	0	0
Reyes, Von Rex M.	Instructor 1	0	0	0	0	0	0
Seguira, Fabian P.	Asso. Prof. 2	0	0	0	0	0	0

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Table 15. Research Accomplishments of the Faculty Researchers in the CCS

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Cura, Jo Anne G.	Asst. Prof. 3	2	0	0	0	0	0
Danganan, Alvincent E.	Asst. Prof. 1	1	2	2	0	0	0
Diaz, Nicolas Jr. Z.	Asso. Prof. 1	1	1	1	0	0	0
Flores, Carlos Jr. P.	Instructor 1	3	0	0	0	0	0
Gamido, Marlon V.	Asso. Prof. 5	2	2	2	0	0	3
Garcia, Angelo O.	Asst. Prof. 4	1	1	1	0	0	0
Legaspi, Jerome C.	Asso. Prof. 5	1	1	1	0	0	0
Mercado, Ronnie B.	Asst. Prof. 1	3	0	0	0	0	0
Quilala, Theda Flare G.	Asso. Prof. 2	2	2	2	0	0	0
Simbol, Valarie D.	Asst. Prof. 1	0	0	0	0	0	0
Virtudazo, Dennis Y.	Instructor 1	3	0	0	0	0	0
Agustin, Rojen John D.	Instructor 1	1	0	0	0	0	0
Aquino, Mel Johnson R.	Instructor 1	1	1	1	0	0	0
Arceo, Regina P.	Instructor 1	1	1	1	0	0	0
Asidera, Rovell F.	Instructor 1	2	0	0	0	0	0
Delos Reyes, Anna Cazzandra P.	Instructor 1	1	1	1	1	0	0
Espinosa, Patima Susanne P.	Instructor 1	1	0	0	1	0	0
Fernandez, John F.	Instructor 1	1	0	0	0	0	0
Gonzales, Gilbert G.	Instructor 1	1	0	0	1	0	0
Pineda, Kwinno L.	Instructor 1	0	0	0	0	0	0
Prellejera, Gloria L.	Instructor 1	1	1	1	0	0	0
Ramos, Julius Caesar C.	Instructor 1	2	0	0	0	0	0
Roman, James Bryan T.	Instructor 1	1	1	1	0	0	0
Santos, Christian Jose	Instructor 1	0	0	0	0	0	0
Tan, Joselito T.	Instructor 1	0	0	0	0	0	0
Tolentino, Lito Alexis M.	Instructor 1	1	0	0	1	0	0
De Los Reyes, Edjie M.	Asst. Prof. 4	0	2	2	1	0	3
Gamido, Heidilyn V.	Asso. Prof. 2	2	2	2	0	1	8
Pabustan, Jay R.	Instructor 1	2	1	1	0	0	0
Quilala, Rogel L.	Asst. Prof. 3	2	2	2	0	0	0

Table 16. Research Accomplishments of the Faculty Researchers in the CCJE

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Timpac, Theodore M.	Instructor 1	1	0	0	1	0	0
Alviar, Roel R.	Instructor 1	2	0	0	0	0	0
Felix, Jayson R.	Instructor 1	0	0	0	1	0	0
Bautista, Girlie L.	Instructor 1	1	0	0	0	0	0
Bicoy, Francis D.	Instructor 1	1	0	0	0	0	0
Buscayno, Marie Fe F.	Instructor 1	2	0	0	0	0	0
Carmen, Jan Vincent S.	Instructor 1	3	0	0	2	0	0
Las-igan, Ramil M.	Instructor 1	2	0	0	0	0	0
Luzong, Lian Carla C.	Instructor 1	3	0	0	2	0	0
Mercado, Jelly Ann V.	Instructor 1	1	0	0	0	0	0
Soriano, Jairus C.	Instructor 1	1	0	0	0	0	0
Panzo, Arturo V.	Instructor 1	0	0	0	0	0	0

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Table 17. Research Accomplishments of the Faculty Researchers in the CET

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Angeles, Ferdinand E.	Instructor 1	0	0	0	0	0	0
Cabuang, Joycelyn D.	Asso. Prof. 1	0	0	0	0	0	0
Canlas, Raul D.	Instructor 1	2	0	0	1	0	0
Caranto, Alejandro D.	Asso. Prof. 2	3	1	1	0	0	0
Dela Vega, Edwin L.	Asso. Prof. 2	1	0	0	0	0	0
Domingo, Enalyn T.	Asst. Prof. 4	4	2	2	1	0	0
Domingo, Jessie H.	Asso. Prof. 5	2	0	0	0	0	0
Flora, Crispin I.	Asso. Prof. 4	4	4	4	1	0	0
Floendo, Maan B.	Instructor 1	1	2	2	0	0	0
Frany, Marie Wendy J.	Asso. Prof. 5	1	0	0	0	0	0
Galvez, Miriam S.	Asso. Prof. 5	1	1	1	0	0	0
Garcia, Erico L.	Instructor 3	0	0	0	0	0	0
Lacsina, Deanna V.	Asso. Prof. 1	0	0	0	0	0	0
Lopez, Ann Jeannette S.	Asst. Prof. 1	0	0	1	0	0	0
Marcos, Ferdinand L.	Asst. Prof. 3	2	2	2	1	0	0
Marcos, Robert V.	Professor 3	1	0	0	0	0	0
Martinez, Romel Z.	Asso. Prof. 5	1	0	0	0	0	0
Mohammed, Mervin P.	Asso. Prof. 5	0	0	0	0	0	0
Mohammed, Murphy P.	Professor 5	0	0	0	0	0	9
Nalipay, Bernardino P.	Asso. Prof. 3	0	0	0	0	0	0
Piao, Leo P.	Asso. Prof. 4	2	2	2	1	0	0
Policarpio, Randy G.	Instructor 1	2	0	0	0	0	0
Pulmano, Romeo B.	Asso. Prof. 5	0	0	0	0	0	0
Punla, Arnel A.	Asso. Prof. 5	4	0	0	0	0	0
Punla, John Nelson Y.	Asst. Prof. 1	0	0	0	0	0	0
Rombaoa, Adam F.	Instructor 1	1	1	1	0	0	0
Sapad, Susa Nina A.	Asst. Prof. 2	1	0	0	0	0	0
Sibal, Erwin L.	Asst. Prof. 1	1	0	0	0	0	0
Sico, Bryan Christopher C.	Asst. Prof. 2	4	0	0	0	0	0
Suboc, Larry A.	Asst. Prof. 2	4	0	0	0	0	0
Tatu, Leonides A.	Asst. Prof. 4	1	0	0	0	0	0
Tolenada, Elmer P.	Asso. Prof. 4	0	0	0	0	0	0
Tomas, Michael B.	Instructor 1	3	0	0	0	0	0
Vasquez, Emy L.	Asso. Prof. 4	0	0	0	0	0	0
Yumul, Rafael R.	Instructor 3	0	0	0	0	0	0
Alega, Don Hero P.	Instructor 1	0	0	1	0	0	0

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Table 18. Research Accomplishments of the Faculty Researchers in the CPAG

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Caoleng, Edwin T.	Asso. Prof. 3	1	0	0	0	0	0
Estrada, Patricia Ann D.	Instructor 1	2	0	0	1	0	0
Rigor, Alfred V.	Asso. Prof. 1	1	0	0	1	0	0
Cawigan, Joshua S.	Instructor 1	1	0	0	0	0	0
Fermin, Roswald G.	Instructor 1	1	0	0	0	0	0
Francisco, Izelle C.	Instructor 1	1	0	0	1	0	0
Lobo, Jerich Ralph S.	Instructor 1	0	0	0	0	0	0
Samson, Vien Jamaica D.	Instructor 1	0	0	0	0	0	0
Galang, Maria Tiara Fatima F.	Instructor 1	1	0	0	0	0	0

Table 19. Research Accomplishments of the Faculty Researchers in the COS

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Alagano, Willie I.	Asst. Prof. 2	1	0	0	0	0	0
Botio, Rodel T.	Asso. Prof. 5	1	0	0	0	0	0
Catalan, Chris Mark V.	Asst. Prof. 1	2	0	0	0	0	0
Corpuz, Alma M.	Asso. Prof. 3	4	0	1	0	0	0
Gamis, Lorna C.	Asso. Prof. 1	1	0	0	0	0	0
Lagrana, Claire C.	Asst. Prof. 4	0	0	0	0	0	1
Macaraeg, Edgar A.	Asso. Prof. 4	1	0	0	0	0	0
Maglaqui, Maria Susan Z.	Asst. Prof. 3	2	0	0	0	0	0
Mati, Nancy L.	Asst. Prof. 3	0	0	0	0	0	0
Mina, Erwin C.	Professor 1	0	0	0	0	0	0
Obregon, Adora N.	Asst. Prof. 4	2	0	0	0	0	0
Pagco, Estrella B.	Asso. Prof. 5	0	0	0	0	0	0
Rabacal, George P.	Asst. Prof. 4	0	0	0	0	0	0
Rigor, Mary Jane N.	Asso. Prof. 1	3	0	0	1	0	0
Rosel, Antonio C.	Instructor 1	0	0	0	0	0	0
Santillan, Bertrand Aldous L.	Asso. Prof. 2	2	0	0	0	0	0
Serrano, Victor M.	Asst. Prof. 1	0	0	0	0	0	0
Sunga, Lucila O.	Asso. Prof. 5	3	0	1	0	0	0
Toledano, Redemptor G.	Asso. Prof. 5	0	0	0	0	0	0
Apolonio, Mary Katherine A.	Instructor 1	0	0	0	0	0	0
Guinto, Marnela O.	Instructor 1	1	0	0	0	0	0
Ipan, Kristine Mae P.	Instructor 1	0	0	0	0	0	0
Jimenez, Regie S.	Instructor 1	1	0	0	0	0	0
Rico, Sylyn D.	Instructor 1	0	0	0	0	0	0
Cabanding, Jaidriel Meg G.	Instructor 1	1	0	0	0	0	0
Dungo, Ronnie A.	Instructor 1	0	0	0	0	0	0
Gagarin, Wesley S.	Instructor 1	2	0	0	0	0	0
Gamoso, Geraldine R.	Instructor 1	2	0	0	0	0	0
Guiang, Evangeline G.	Asso. Prof. 5	1	0	0	0	0	0
Lusong, Aljon N.	Instructor 1	0	0	0	0	0	0
Matias, Leah T.	Asst. Prof. 1	0	0	0	0	0	0
Milan, Lea B.	Asso. Prof. 3	0	0	0	0	0	0
Pulmano, Rita E.	Professor 3	2	0	0	0	0	0
Rosel, Armee N.	Professor 4	0	0	0	0	0	0
Valdez, Ma. Socorro D.	Professor 6	0	0	0	0	0	0

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Table 20. Research Accomplishments of the Faculty Researchers in the CTE

Faculty Name	Rank	Number of Proposals in 2020	Number of Approved Proposals in 2020	Number of On-Going Researches	Number of Presented Researches	Number of Published Researches	Number of Citations in 2020
Acosta, Ma. Theresa A.	Professor 3	2	0	0	0	0	0
Balanquit, Elizabeth P.	Asso. Prof. 5	1	0	0	0	0	0
Baquing, Jeanette M.	Asst. Prof. 2	1	0	0	0	0	0
Castro, Norbina Genever M.	Asso. Prof. 5	0	0	0	0	0	0
Corpuz, Nelson C.	Instructor 3	0	0	0	0	0	0
Cura, Arlyn C.	Asso. Prof. 1	2	1	1	0	0	0
De Vera, George S.	Asso. Prof. 1	0	0	0	0	0	0
Dela Peña, Jessica Marie I.	Asso. Prof. 3	3	1	1	1	0	0
Embesan, Socrates A.	Asso. Prof. 4	0	0	0	0	0	0
Escalona, Joanne Marie I.	Asst. Prof. 4	1	0	0	0	0	0
Ferrer, Douglas C.	Asst. Prof. 4	0	0	0	0	0	0
Gapay, Isabel O.	Asso. Prof. 5	0	0	0	0	0	0
Herrera, Jefferson R.	Asst. Prof. 2	1	0	0	0	0	0
Inalvez, Daisy T.	Professor 6	0	0	0	0	0	0
Jacinto, Norberto C.	Asst. Prof. 4	0	0	0	0	0	0
Lumna, Trinidad A.	Asst. Prof. 4	1	0	0	0	0	0
Madriaga, Criselda A.	Asso. Prof. 5	1	0	0	0	0	0
Masangay, Mellany G.	Asso. Prof. 5	1	0	0	0	0	0
Melegrito, Joseph M.	Asst. Prof. 1	0	0	0	0	0	0
Mendoza, Jasper Jay N.	Asso. Prof. 2	3	0	0	0	2	0
Mercado, Rebecca M.	Asso. Prof. 5	0	0	0	0	0	0
Morales, Ma. Shinette P.	Asso. Prof. 4	1	0	0	0	0	0
Nool, Nelvin R.	Asst. Prof. 4	0	0	0	0	0	2
Patdu, Ismael Jr. M.	Asst. Prof. 1	0	0	0	0	0	0
Punzalan, Jayson Y.	Instructor 1	2	0	0	0	0	0
Salas, Rosario C.	Asso. Prof. 5	1	0	0	0	0	0
Samson, Paulo Xavier V.	Asst. Prof. 2	1	0	0	0	0	0
Tabian, Zuriel Ross C.	Asst. Prof. 3	0	0	0	0	0	0
Tagama, Leodivina P.	Professor 5	1	0	0	0	0	0
Tomas, Jovy P.	Asst. Prof. 3	1	0	0	0	0	0
Yu, Victorina V.	Asst. Prof. 1	0	0	0	0	0	0
Canlas, Jeremy R.	Instructor 1	0	0	0	0	0	0
Castillo, Mark P.	Instructor 1	0	0	0	0	0	0
Conte, Chona P.	Instructor 1	1	0	0	0	0	0
Guiang, Sharmaine D.	Instructor 1	2	0	0	0	0	0
Macanas, Lyndon Q.	Instructor 1	0	0	0	0	0	0
Mataba, Ernesto Jr. S.	Instructor 1	0	0	0	0	0	0
Tubay, Rose Ann S.	Instructor 1	0	0	0	0	0	0
Balanquit, Marcelino P.	Asso. Prof. 5	0	0	0	0	0	0
Canlas, Elsie M.	Professor 4	0	0	0	0	0	0
Corpuz, Niño B.	Professor 5	0	0	0	0	0	0
Lacanlale, Erwin P.	Professor 4	0	0	0	0	0	0
Ladia, Ma. Agnes P.	Professor 6	1	0	0	0	0	1
Lagasca, Julieta M.	Professor 6	1	0	0	0	0	0
Pablico, Rosanna E.	Instructor 1	2	0	0	0	0	0
Quiambao, Cynthia G.	Asso. Prof. 5	4	0	0	0	0	0
Salangang, Ligaya S.	Asso. Prof. 3	0	0	0	0	0	0
Tulo, Ninez B.	Asso. Prof. 1	3	0	0	0	0	0

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