



## PHILIPPINE ASSOCIATION OF STATE UNIVERSITIES AND COLLEGES

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### PASUC ADVISORY NO. 033, s. 2022

For : All SUC Presidents/Heads

From : Dr. Tirso A. Ronquillo  
President

Subject : **3<sup>RD</sup> INTERNATIONAL RESEARCH CONFERENCE ON  
TECHNOLOGY, ENGINEERING, CULTURE AND SOCIETY  
(IRCONTECS)**

Date : May 30, 2022

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This is to endorse the 3<sup>rd</sup> International Research Conference on Technology, Engineering, Culture and Society (IRConTECS) with the theme "*Onward Future-proofing of Society and preservation of Culture thru adaptive, agile, resilient Engineering and Technology*", organized by the Bicol State College of Applied Sciences and Technology (BISCAST), in partnership with International Cross-cultural Exchange and Professional Development (ICEPD) - Thailand, to be held on August 25-27, 2022.

This virtual conference aims to provide a venue for intellectual discussion of research findings related to continuous advancement in technology, culture, and society. It can also strengthen the researchers' capacity to communicate relevant findings to the academic and industrial community and create a community of scholars who can collaborate with other participants to come up with future researchers. The collaboration may eventually open communication to discuss technology updates and practices that can cater to the needs of technology, engineering, culture, and society.

This event will be held via Zoom and the organizers shall be receiving abstract submissions until June 23, 2022. Interested presenters and participants may pre-register thru <https://forms.gle/zgJfm2JrfJNzqYtaA> or they may visit the official FB page <https://www.facebook.com/BISCASTConferencesOfficial/> for more information.

Enclosed is the conference details, for your ready reference. Your office may contact Dr. Ma. Rovie A. Chavez, IRConTECS Overall Chair, thru email [ircontecs2022@biscast.edu.ph](mailto:ircontecs2022@biscast.edu.ph) or via mobile no. 0946-3563424, for further inquiries.

**TIRSO A. RONQUILLO, ASEAN Eng.**  
President



INTERNATIONAL RESEARCH CONFERENCE ON TECHNOLOGY, ENGINEERING, CULTURE AND SOCIETY

# IRConTECS 2022

**AUGUST  
25-27**

## International Research Conference on Technology, Engineering, Culture and Society (IRConTECS)

**Theme:** *Onward Future-proofing of Society and preservation of Culture thru adaptive, agile, resilient Engineering and Technology*

**August 25 – 27, 2022**

## CALL FOR ABSTRACT

*Via: Zoom Conference*



**Host:** Bicol State College of Applied Sciences and Technology, Philippines

**Partner/s:** International Cross-cultural Exchange and Professional Development  
(ICEPD) - Thailand

**Co-host/s:** Suphanburi College of Dramatic Arts Ministry of Culture, Thailand  
Camarines Sur Polytechnic Colleges, Philippines  
Bataan Peninsula State University, Philippines

**Implementing College:**  
College of Trades and Technology (CTT)

**Cooperating College/s:**  
College of Arts and Sciences (CAS)  
College of Engineering and Architecture (CEA)  
Graduate Studies (GS)

**Collaborating Office/Department/Institution:**  
VPAA Office, REPED Office, ICEPD-Thailand, Suphanburi College of Dramatic Arts  
Ministry of Culture, Thailand, BPSU, Philippines, and CSPC, Philippines

### **Rationale:**

The challenges of the fast-growing technology-driven society have its demand for academic institutions to share the knowledge, skills, attitudes, and experiences using their most updated pedagogical tools through the field of research.

Hence, our school commits to provide an opportunity for the academic institutions of the country to have scholarly discussions and exchange of ideas bringing about educational transformation and technological advancement that will create a positive impact, globally.

This three-day conference will provide an avenue for the educators and stakeholders to continuously showcase their research works and innovations in their fields of

expertise especially on Technology, Engineering, Culture, and Society. This will also lead to international collaborations and partnerships for appropriate application and utilization of technologies.

### Objectives:

The activity aims to:

1. Provide a proper venue for intellectual discussion of research and findings related to continuous advancement in technology, engineering, culture and society;
2. Strengthen the capacity of the researchers to communicate relevant findings to the academic and industrial community; and
3. Create a community of scholars who can collaborate with other participants to come up with future research projects.

### Important Dates for the Participants

Activities	Date
Conference Date	August 25 – 27, 2022
Call for Abstract	April 25, 2022
Abstract Submission Deadline	June 23, 2022
Notification of Paper Acceptance	July 27, 2022
Call for Abstract (Extended)	June 16-30, 2022
Early Bird Registration	July 1, 2022
Deadline for Submission of Full Paper	July 1, 2022
Regular Registration	July 12, 2022
Deadline for Submission of Infographics and Video Presentation	July 1, 2022

### Schedule for the Committee

Activities	Date
Review of Submitted Abstracts	June 25, 2022
Full Paper evaluation for Best Conference Paper	July 3, 2022
Video Presentation and Infographics Evaluation	July 3, 2022

### Scope



The Bicol State College of Applied Sciences and Technology invites the students, faculty, and industry researchers from different international institutions to submit their original research papers for oral presentation in the following areas:

TECHNOLOGY-6	ENGINEERING-4	SOCIETY-9	CULTURE-3
T4: Data Science  T6: Food Technology  T7: Green Technology  T12: Information Technology  T13: Environmental Management  T15: Production and Manufacturing	T3: Civil and Mechanical Engineering  T8: Electronics & Electrical Engineering  T14: Engineering Design & Signal Processing  T16: System Development	T2: Ecological Sensitivity  T5: Career Development and Student Performance  T9: Disaster Risk Reduction  T10: Gender and Society  T17: Instructional Materials & Learning Delivery Modalities  T18: Organizational Management  T19: Teaching & Learning Process  T20: Public Administration and Capital Development  T22: Social Environment & Learning Behavior	T1: Emerging ASEAN Culture  T11: Culture Across Languages  T21: Cultural, Dimensions, Innovations, and Social Development





### Abstract Submission

Abstracts within 200-250 words should be submitted to [ircontecs2022@biscast.edu.ph](mailto:ircontecs2022@biscast.edu.ph) and must contain the following sections:

1. Title of the article
2. Name of the Authors (All Capital Letters for the name of the Presenter and Normal Case letters for the co-author).
3. Name of Paper presenter (1 only)
4. Affiliation
5. Email address
6. Track
7. Content must contain the following: novelty, objectives of the study, methodology, significant findings, and implication of the findings to onward Future-proofing of Society and preservation of Culture thru adaptive, agile, resilient Engineering and Technology.
8. Keywords (3 -7 alphabetically arranged)

This should be type single spaced, Time New Roman with a font size of 12.

### Full Paper Submission

1. The final paper should follow the prescribed template of the journal with the following sections:
  - a. Title of the Paper,
  - b. Name of the Authors,
  - c. Affiliation,
  - d. email address,
  - e. Content includes: Keywords (at least 3), Introduction, Materials and Method, Results and Discussion, Conclusion and Recommendation, Acknowledgement (if any) and References. (Please find attached paper template).
2. Final Papers should be submitted electronically in MS Word following the Paper Template to the Committee via email [ircontecs2022@biscast.edu.ph](mailto:ircontecs2022@biscast.edu.ph). Deadline for submission of full papers will be on July 1, 2022.
3. An acknowledgement email will be sent to the presenting author upon receipt of the final paper.
4. All submitted full papers will be evaluated for the selection of best conference papers based on the following criteria:

Criteria	Percentage
Academic Significance	25%
Contribution to the Community	25%
Technical Novelty	20%



Quality of Information	25%
Language Usage	5%

### Virtual Research Presentation Guidelines

1. Research papers for the parallel sessions will be of 10 minutes duration of recorded video and must be submitted to the committee through Google Drive on or before July 1, 2022.
2. The presentation must have a video dimension of 1280 x 720 (720p) using .mp4 format.
3. The research presenter must be present during the Academic Exchange after all videos had been presented.
4. This is the set of criteria for the Selection of Best Research Presenter.

Criteria	Percentage
Mastery of the topic and Organization of Ideas (Demonstrates extensive knowledge of the topic)	25%
Language Use, Delivery and Confidence (Communicates ideas effectively)	25%
Quality of Video Presentation (Clarity of Audio and Video)	25%
Power Point Presentation (use of graphs and images)	25%
Total	100%

### Infographic Research Presentation

1. Infographic is another way of communicating information or research findings to different people through social media platforms like Facebook, Instagram or Twitter to reach wider audience.
2. Qualities of Effective infographics:
  - a. Takes no more than 30-40 seconds to read
  - b. Presents data accurately and ethically
  - c. Reference sources with citations
  - d. Respect for cultural diversity
  - e. The infographics must include the title of the research, name of authors, affiliation, Significant findings through visual and textual presentation and references (if any).
  - f. Size of the infographic must be in png format.
  - g. This is the set of criteria for the selection of Best Infographic Research Presentation.

Criteria	Percentage
Content – Accurate and detailed information is provided and supports the thesis/argument/purpose	30



Visual Appeal – fonts, colors, layouts, visual elements meaningfully contribute to the infographics’ ability to convey the overall message	40
Organization (Information is systematically organized and supports reader’s comprehension and the main message)	20
Focus – All content (visual and textual) concisely complements the purpose of the infographics	10
Total	100%

**REGISTRATION FEE**

Registration	Date	Professionals/ Graduate Student Presenters	Undergraduate Student Presenters/ Attendees
Early Bird Registration	July 1, 2022	2,250.00	1,000.00
Regular Registration	July 12, 2022	2,750.00	1,500.00

*Note: Courier service fee for OR will be shouldered by the participants.*

**PAYMENT:**

1. BDO Account Name : ROLANDO EMILIO C. SOCORRO  
BDO Account Number : 006820480651

**ICEPD-THAILAND MEMBERSHIP FEE**

Php 750.00 for IRConTECS Participants only

Php 1,500.00 for non-IRConTECS Participants

Please register to this link, <https://forms.gle/QF2SARnvTLgaYNiu8>



**International Research Conference on Technology, Engineering, Culture and Society  
(IRConTECS)**

**Theme:** *Onward Future-proofing of Society and preservation of Culture thru adaptive, agile, resilient Engineering and Technology*

**August 25 – 27, 2022**

## **TENTATIVE PROGRAM OF ACTIVITIES**

*Via: Zoom Conference*

### **August 25, 2022**

**8:00 – 8:30 AM**

**Registration**

**8:30 – 12:00 NN**

**Opening Program**

Ecumenical Prayer

National Anthems

Philippine National Anthem

Thailand National Anthem

ASEAN Hymn

Cultural Repertoire

Thailand

Philippines

**BISCAST, BPSU, and CSPC**

Opening Remarks

**DR. SOMPONG THONGNGAMDEE**

President, ICEPD-THAILAND

Welcome Messages

**DR. ALEX H. NAVARROZA**

SUC President II, BISCAST-Philippines

**DR. CHARLITO P. CADAG**

SUC President III, CSPC-Philippines

**DR. GREGORIO J. RODIS**

SUC President, BPSU-Philippines

Inspirational Message

**DR. NIPHA SOPHASAMRITH**

President, Suphanburi of Dramatic Arts  
Ministry of Culture-THAILAND

Statement of Purpose

**DR. ROSA N. MOICO**





Dean, College of Trades and Technology  
Chairman, IRConTECS 2022  
BISCAST-Philippines

Introduction of the Keynote  
Speaker

**DR. APOLONIA C. SEBELLO**  
Dean, College of Arts and Sciences  
BISCAST-Philippines

Keynote Speaker

**DR. AJESH FAIZAL**  
Associate Professor  
Department of Computer Science and  
Engineering  
Sree Buddha College of Engineering  
Alappuzha, Kerala, India  
*Topic: Onward Future-proofing of Society  
and preservation of Culture thru adaptive,  
agile, resilient Engineering and  
Technology*

Break

VP

Introduction of the First  
Plenary Speaker

**DR. HAROLD JAN R. TERANO**  
Research Director  
Camarines Sur Polytechnic Colleges  
Philippines

First Plenary Speaker

**DR. VEENA RAJ**  
Faculty of Integrated Technologies,  
Universiti Brunei Darussalam, Jalan Tungku  
Link, Gadong BE1410, Brunei  
*Topic: Imagineering the Future Technology  
through System and Design Thinking  
Approach*

Awarding of Certificate Host

**1:00 – 2:30 PM**

**Parallel Session A**

Track 1: Emerging ASEAN Culture  
Track 2: Ecological Sensitivity  
Track 3: Civil and Mechanical Engineering  
Track 4: Data Science

**2:30 – 3:00 PM**

**Break**

VP

**3:00 – 5:00 PM****Parallel Session B**

Track 5: Career Development and Student Performance  
Track 6: Food Technology  
Track 7: Green Technology  
Track 8: Electronics & Electrical Engineering

**August 26, 2022****8:00 – 8:30 AM****Registration****8:30 – 8:40 AM**Recap of First Day  
Conference**DR. AMA AMANTE**  
BISCAST-Philippines**8:40 – 9:10 AM**Introduction of the Second  
Plenary Speaker

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**Suphanburi College, Thailand**

Second Plenary Speaker

**DR. BABY BOY BENJAMIN D. NEBRES III***Topic: Creating Green Culture and Society  
towards a sustainable future***9:10 – 9:15 AM****Awarding of Certificate** Host**9:15 – 9:30 AM****Break****9:30 – 12:00NN****Parallel Session C**

Track 9: Disaster Risk Reduction  
Track 10: Gender and Society  
Track 11: Culture Across Languages  
Track 12: Information Technology

**12:00 – 1:00 PM****Lunch Break****1:00 – 2:30 PM****Parallel Session D**

Track 13: Environmental Management



Track 14: Engineering Design & Signal Processing  
Track 15: Production and Manufacturing Technology  
Track 16: System Development

**2:30 – 3:00 PM**

**Break**

**VP**

**3:00 – 5:00 PM**

**Parallel Session E**

Track 17: Instructional Materials & Learning Delivery Modalities  
Track 18: Organizational Management  
Track 19: Teaching and Learning Process  
Track 20: Public Administration & Human Capital Development  
Track 21: Cultural, Dimensions, Innovations, and Social Development  
Social Environment and Learning Behavior  
Track 22:

## **August 27, 2022**

**8:00 – 8:30 AM**

**Registration**

**8:30 – 8:40 AM**

Recap of First Day  
Conference

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BPSU-Philippines

**8:40 – 12:00 NN**

## **Awarding Ceremony Announcement**

Best Research Infographics Presenter  
Best Virtual Research Presenter  
Best Conference Research Paper

**Closing Remarks**

**ATTY. CECILIO DUKA**

Senior Executive Consultant for  
International Affairs, ICEPD-Thailand



**MR. RICHARD NABUA**

Master of Ceremonies