

1. #JosenianPride | Congratulations for winning the infographics competition during the 8th Central Visayas Health Research and Innovation Conference. Adelante! #TakingYouForwardSince1947 8TH CENTRAL VISAYAS HEALTH RESEARCH & INNOVATION CONFERENCE LINDSAY BOLTRON FIRST PLACE INFOGRAPHICS COMPETITION SEPHORA SEQUINO SECOND PLACE, INFOGRAPHICS COMPETITION NINA ANGELICA NEAL FINALIST, INFOGRAPHICS COMPETITION

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2. #JosenianPride | We recognize the Josenians who were part of the 32nd Southeast Asian Games held in Cambodia to utilize their skills in officiating the different events. Adelante! --- Enrollment is ongoing. Click here for more information. <https://usjr.edu.ph/2023/05/16/usjr-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/> #USJRat75 #TakingYouForwardSince1947 REQUIREMENT FOR SUBMISSION (e-copy) Approved letter request to the President through the VP-Administration (new applicant) AARON REY CANETE BACHELOR OF SCIENCE IN SECONDARY EDUCATION MAJOR IN MUSIC, ARTS, PHYSICAL EDUCATION, & HEALTH INTERNATIONAL REFEREE FOR BASKETBALL ERNEST VERGARA SENIOR HIGH SCHOOL DEPARTMENT ROVER SCOUTING, PHYSICAL EDUCATION AND WEALTH (RSPEN) CLUSTER - ACADEMIC CHAIRMAN. INTERNATIONAL TECHNICAL OFFICIAL FOR WUSHU

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3. ucators (JOED) Organization Executive Committee: Franceska Therese K. Fanilag (President) Maika Marie F. Masibay (Vice President Internal) Shemiah C. Georsua (Vice President External) Mary Cristine C. Ymbong (Vice President Communication) Mary Rose A. Tuburan (Vice President Communication) Bethany Faith D. Bataluna (Secretary) Ray Gilbert P. Guterrez (Finance Officer) Christine Franco (Auditor) Zephania Marie M. Carmona (Presidential Secretary) Leadership Awards for Josenian Educators (JOED) Organization Social Media Managers: Thea Mikhaila B. Casta ares Stephanie Marie Lim Leadership Awards for Active Josenian Educators (JOED) Organization Commissioners: Iah Mari M. Baguio and Pretzilyn Laika T. Ferrolino (Ways and Means) Cristian V. Albarando and Frethel Kyce L. Almonte (Community Outreach Program) Anna Bianca Isabella L. Vidal (Religious Affairs) Ana Loren T. Aba o, Julie Beth Damayo, and Ma. Rosebena Andrea O. Lirasan (Arts and Communications) Arjane C. Singco and Roel Alen Bernabe C. Alicaya (Communication) Anna Rhea L. Lariosa, Aivan Marie Helmut G. Englis, and Christine May V. Ochea (Education and Enrichment) Outstanding House Officers: Christine Pearl Abarquez (MathSci Circle) Diana Jane Mamalias (Language Enthusiasts) Hannah Ysabel Lapurga (Generalist Society) Jancee Paitan (ECE-SPED Advocates) Shaena Dane Ucat (BPED Jaguars) Outstanding Year-Level Officers: Russel Ni o Abatayo (First Year) Jurg Andrei Reyes (Second Year) Gun-niel Besanez (Third Year) Nichole Angela Amor Labiano (Fourth Year) Most Outstanding Performing House: House of Generalist Society Outstanding Performing House: House of BPED Jaguars Most Improved Organization: House of MathSci Circle Special Citations from the Supreme Students Council 41st Congress: Franceska Therese Fanilag Ray Gilbert Gutierrez Pretzilyn Laika Ferrolino Brynn Tyler Nadela Jose Bernardito Laurente Lady Fatima Dejos Jancee Paitan Jurg Andrei Reyes Stephanie Marie Lim Thea Mikhaila Casta ares Vielka Rendon Mary Cristine Ymbong Maika Marie Masibay Ten Most Promising SED Student Leaders: Stephanie Marie Lim Russel Ni o Abatayo Arjane Singco Shaina Pogado Charles Bartolay Elaiza Son Bernardito Jose Laurente Aivan Marie Helmut Englis Mary Christine Gicale Quinn Ashleigh Navarez Congratulations to all the winners and keep up the good work! Adelante! #SEDEXcellence #USJRat75 #TakingYouForwardSince1947 #JosenianEducators

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4. #JosenianPride | Congratulations to Paul Cyril Recamadas from the USJ-R Elementary Department for winning the 2023 CESAFI Balak Competition. From pre-kindergarten to post-graduate education, the University of San Jose - Recoletos offers programs that will hone you holistically and gear you for life. Admission is ongoing in all levels. Check out the admission requirements and schedule. <https://www.facebook.com/media/set?set=a.10160522276123351&type=3> #USJRat75 #TakingYouForwardSince1947

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5. The Philippines has been inundated with socio-political issues that impede people's desire for the country's uninterrupted progress. These issues may be complex but their antidote is contrarily simple. An answer is found in Immanuel Kant's thought on moral culture which pertains to three essential features, namely: obedience, truthfulness, and sociableness. This qualitative research focuses on the fundamental ideas in the section on moral culture in Kant's On Education. As my contribution to the fund of knowledge, I proceed by establishing the implications and antitheses of the three features of Kant's moral culture. A discussion on obedience differentiates its two kinds: absolute and voluntary. Absolute obedience is the result of compulsion by a command, while voluntary obedience is the result of confidence by a reasonable will. It is impossible to think of character formation without also thinking of truthfulness. Kant asserts that a man who tells lies has no character. Sociableness emphasizes on the importance of building relationships and friendships. The researcher contends that these three features of moral culture have corresponding antitheses: violation

of laws of the land for obedience; lying and dishonesty (highest form is corruption in politics) for truthfulness; and human rights violation (highest form is war) for sociableness. Finally, these features are imperative in forging peace and social order which usher to a kind of development that people aspire. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/112>

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6. #USJRadvisory | The academic calendars for the elementary, junior high, senior high, and tertiary levels were released this month by the Office of the Registrar. Embedded in the calendars are the public holidays, school holidays, schedule of examinations, releasing of grades, and other activities that are relevant to the University. Click the link below to download the calendars. USJR.EDU.PH Academic calendars for AY 2023-2024 from basic education to tertiary level released - University of San Jose - Recoletos

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7. #JosenianPride | Jaguars (USJ-R athletes) who won during the recent Private Schools Athletic Association (PRISAA) competitions in the regional level paid a courtesy visit to the University President earlier this month to share what awards they brought home. CHAMPION: Karatedo Tournament CHAMPION: Beach Volleyball - Secondary Level Girls Tournament CHAMPION: Lawn Tennis Tertiary Level Tournament CHAMPION: Badminton - Women's Tournament CHAMPION: Volleyball - Women's Tournament The next phase will be the national PRISAA competition at Zamboanga. #USJRat75 #TakingYouForwardSince1947

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8. The University of San Jose-Recoletos signed an agreement with US-based Louisiana Transportation Research Center this week to do collaborative projects in the next five years. It will include research projects, faculty exchange programs, and organizing workshops. #USJRat75 #TakingYouForwardSince1947

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9. The importance of student s evaluation for promotion leads teachers to be lenient in exchange of a good evaluation result. This study looks into the possible effects of midterm grades to the evaluation results of teachers at the end of the semester. The study utilized data mining approach using midterm grades and evaluation results of full-time and part-time faculty members. Both parametric and non-parametric analyses were employed in the study. Findings revealed a weak correlation between the midterm grades of students and their evaluation rating of teachers. Looking at grading leniency versus teacher status, it was found out that grades of full-time faculty was significantly higher compared to part time and grades of tenured faculty was significantly higher compared to their probationary counterpart. Therefore, administrators in higher education institution, who uses student s evaluation result as a key indicator of instructor s effectiveness, should be very careful as these results might not represent the true performance of a teacher inside the classroom. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/135>

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## 10. Bachelor of Science in Information Technology

### About this Course

The BSIT program is responsive to the nations thrust to promote the development of information technology to spur productivity, growth and global competitiveness; and to produce a base of IT professionals and experts to meet a large workforce demand potential. The curriculum is composed of subjects that deal with the applications and practical knowledge.

Competent training will be provided in the very useful areas like programming, database information systems development, installation and administration, computer networks and system resource management.

The BSIT graduate will be primarily equipped with practical knowledge on how information systems are designed, installed, managed and administered. The graduates competence prepares him/her for the challenges of the IT profession brought about by increasing and changing demands of businesses and industries.

### Careers

Application Programmer

Database Administrator

Network Administrator

System Administrator

System Integration Specialist

Internet Application Specialist

IT Entrepreneur/ Marketing Executive

Admission Requirements

Applicants are expected to have:

completed Senior Highschool

Duration

4 Years

Campus

University of San Jose Recoletos, Basak Campus

Units and Electives

To attain the award of Bachelor of Science in Computer Science, students must successfully complete:

99 Academic Units

99 Elective Unittitle: About Bachelor of Science in Information Technology (BSIT or IT), link: <https://usjr.edu.ph/scs/degrees/undergraduate/bsit/>

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11. RMRJ is dedicated to the promotion of knowledge through high-quality research publication in various disciplines. It adheres to the policy that all articles contained therein must meet the rigors of an independent double-blind peer-reviewing system and editing to ensure that the publication possesses scientific and academic merit.

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12. Senior high graduates gathered earlier today at the Recoletos Coliseum for their graduation ceremony. Donned in green and gold, around six hundred graduates received their diplomas to mark the end of their basic education journey. Graduates may now enroll in the college level through [edp.usjr.edu.ph](http://edp.usjr.edu.ph) Click here to read the admission and enrollment guidelines: [#https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/#USJRat75](https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/#USJRat75) #TakingYouForwardSince1947

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13. *Cinnamomum cebuense* (Kosterm.) is widely known as stomachache remedy, but adverse reaction to varying amount of herbal extract has also been reported, thus, requiring toxicity-profiling studies. Here, the toxicity of *C. cebuense* leaf extract (CCLE) was evaluated using brine shrimp lethality assay (BSLA) and anthelmintic assay under a complete randomized design with equal replications. Results in BSLA revealed an LC<sub>50</sub> value of 7.05 g/ml (p 0.05) which is considerably medium-toxic based on standard toxicity criterion. Influence on earthworm activity showed significant difference (p 0.01) among the different concentrations of the extract (100 mg/ml, 75 mg/ml, 50 mg/ml, and 25 mg/ml) following a concentration-dependent response trend. Results suggest strong toxicity against earthworms at 75 100 mg/ml while having a moderate to weak toxicity at 25 50mg/ml. Both assays were able to elucidate toxicity of CCLE which may be due to the presence of cinnamaldehyde, the main phytochemical found in cinnamon leaves. CCLE is toxic at elevated dosages and thus warrants parallel studies using higher-vertebrate models. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/625>

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14. The outbreak of the COVID-19 has brought about tiring tasks and unending demands in the Philippine educational system. With the abrupt shift of the teaching-learning process, teachers are pressured and stressed, which leads them to be burned out. The descriptive correlational research design determines the direct and indirect effects of perceived control to burnout through teachers' personality traits of the 240 early childhood teachers. Data are analyzed using the Pearson r formula, Bivariate parametric correlation, and the Structural Equation Model (SEM). The study reveals that despite the challenges experienced in this time of pandemic, teachers have control over themselves and with the people around them. The teachers' level of control does not influence their burnout; instead, their burnout is dependent on their emotional stability. Thus, burnout is a personal choice which is triggered by one's emotion. A person with high perceived control may still be burned out if he does not have control over his emotions. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/964>

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## 15. Graduate Programs

Information Technology

This course introduces students the advanced theoretical and practical aspects of Information and communications technology. There is an in-depth approach to programming, a good balance in the development of competencies in both Open source based and proprietary technologies.

Information Technology, Masters [MIT]

title: School of Computer Studies (SCS) Graduate Programs, link: <https://usjr.edu.ph/scs/degrees/graduate/>

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16. #USJRLive | Watch the culminating activity for AY 2022-2023 of the USJ-R Pre-kindergarten and kindergarten pupils.  
YOUTUBE.COM USJ-R Pre-Kindergarten and Kindergarten Culminating Activity 2023

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17. The Philippines location within the Pacific Ring of Fire brings enormous threat to its people. Intervention and innovation are to be in place for survival and growth, since nothing can be done about its geographic location and the threats that come with it. This study aims to create a framework for developing a decision support system, a mobile and web application for the efficient implementation of the disaster logistics support system. The study will utilize Agile Methodology for the software development in the proposed framework. This proposed framework exhibits the features of the system such as identifying location, affected families, supplies, reports, management of inventory, vehicle outsourcing, and monitoring. The system framework can be a helpful tool for the efficient and speedy delivery of needed help and an effective approach to disaster supply chain issues. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/884>

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18. A new USJ-R campus is about to rise in Ormoc City, Leyte! We are two days away before we hold our groundbreaking ceremony. We are inviting our alumni in Ormoc to witness this milestone at Barangay Bantigue. You may send a message to the USJ-R Alumni Association Inc. to confirm your attendance. #TakingYouForwardSince1947

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19. RMRJ offers open access to its contents on the principle that it supports a greater global knowledge exchange. Hence, it does not charge its readers any subscription fee to access the full text of all its articles. Permission to read, download, and print from the publisher or author is unnecessary. Also, the journal accepts articles for publication at no cost on the author's part.

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20. The Recoletos Multidisciplinary Research Journal (RMRJ) is the official bi-annual journal of the University of San Jose-Recoletos (USJ-R) Center for Policy, Research, and Development Studies (CPRDS). Being an internationally peer-reviewed journal, RMRJ adopts the double-blind review process wherein the reviewer/s and the author/s do not know each other's identity.

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21. This study developed a geographic information system (GIS)-based decision support system in the spatial identification of a viable location for shallow tube-well irrigation development in the province of Isabela. Factors such as slope, soil type; land cover and groundwater depth were used as input parameters. Around 98% of the existing shallow tube-wells were within the suitable area. The developed map was validated using existing irrigated areas. Results show that more than 377,000 hectares were found potentially suitable locations for shallow tube-well irrigation development. These areas are characterized with a water table depth of <6.5 m, a slope of <18%, soil textures (sandy loam, clay loam, and sandy clay). Sufficient factors in combination with the GIS tool is a great tool to carry out spatial data in land-use analysis and the use of this as a means in identifying viable locations for shallow tube-well irrigation development in other places is reliable. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/491>

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22. A)

Mobile App Development Track

(B)

Multimedia App Dev Track

(C)

IT ELECTIVE 1 Web Application Development 1 Mobile Application Development 1 Multimedia Application Development 1

IT ELECTIVE 2 Web Application Development 2 Mobile Application Development 2 Multimedia Application Development 2

IT ELECTIVE 3 Web Application Development 3 Mobile Application Development 3 Multimedia Application Development 3  
title: Prospectus of Bachelor of Science in Information Technology (BSIT or IT), link: [https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSIT-2015\\_2016-v1.0.pdf](https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSIT-2015_2016-v1.0.pdf)

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23.

Inspiring the Computer Scientists of Tomorrow

The School of Computer Studies offers dynamic Information technology and computing degree programs whose graduates are responsive to the rapid changing demands of the local and global community.

Center of Excellence

Certified by the Commission on Higher Education or CHED. SCS has been awarded Center of Excellence in the field of Information Technology.

What does this mean to you?

It means you'll have access to a broad range of degrees and programs taught by highly accomplished faculty. You'll be surrounded by a student body that can motivate and inspire you. Most of all, it means you're going to get a great education at the University of San Jose - Recoletos.

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DEGREE PROGRAMS

2003

YEAR FOUNDED

100%

DB2 PASSING RATE

Lv.3

PAASCU CERTIFIED

title: About School of Computer Sciences (SCS), link: <https://usjr.edu.ph/scs/about/>

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24. Seventy-one new Certified Public Accountants (CPA) were recognized by the USJ-R CPA Review Center yesterday at the Center for the Performing Arts. Certificates and plaques were handed personally by the University President and VP for Academics & Research. The successful reviewees were not only from USJ-R but also from multiple Higher Educational Institutions (HEIs) in the Visayas. Cheering the passers were CPAR faculty members and BS Accountancy students. #USJRat75 #TakingYouForwardSince1947

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25. The image of Our Lady of Mt. Carmel from the Santuario Arquidiocesano de Nuestra Señora del Carmen, La Limpia was showcased to the public in a solemn foot procession this afternoon on the streets of Barangay Ermita.

Flowers drop as the Image passed by the University of San Jose - Recoletos.

Her feast day is tomorrow, July 16. The pontifical mass will be held at 4:00PM.

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26. Responding to the challenges of global employment, universities recognize the need to produce graduates who meet the ever-changing demands of work and life in the national and global environment. This paper investigates the extent of practice of graduate attributes among graduating college students of a Catholic University. It determines the influence of graduate attributes in students' lives. Using a sequential explanatory mixed-method design, the findings revealed that the participants developed the graduate attributes to a high extent. Remarkable implication signifies that university education has successfully prepared and trained students to meet the challenges of national and global employment and industry. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/25>

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27. The adverse effect of depression, which is a significant health problem associated with loneliness and social isolation, leads to suicidal ideation, alcohol use, cardiovascular disease, and altered brain function. Administering them with appropriate and effective mental health outreach and treatment services can prevent and alleviate these effects. Studies state that being with individuals who can help them cope with their situation under the supervision of a professional psychologist or psychiatrist can help them achieve a state of well-being. Thus, this study develops Companion, an app that utilizes the KNN algorithm to create a social support group that matches a seeker to the group based on his interest and problem at hand. He finds new friends with whom he can feel a sense of care, love, understanding, and belongingness. It comes with a set of physical activities designed for the group. The algorithm yields an 84% accuracy rate after evaluating the result. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/863>

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28. #JosenianPride | Congratulations to our nursing graduates who passed the Philippine Nurses Licensure Examination in May 2023! The Philippine Regulation Commission reported that University of San Jose- Recoletos has a 100% passing rate for its first time takers. --- Enrollment is ongoing. Click here to download the enrollment guide:

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29. The study explored on the ethical dilemmas of human resource managers and uncovered the process by which the managers resolve the dilemmas. This study used a grounded theory approach to formulate a basic social process model (theoretical model) of resolving those moral conflicts. All informants are human resource managers from private higher education institutions. The study followed the Glasserian grounded theory analysis to formulate a resolution process theory using the data gathered from the beginning. With the use of grounded theory analysis, it was found out that the six main processes used by the informants were (1) Consistency with policies; (2) Character check; (3) Considering consequences; (4) Communication; (5) Cultural sensitivity; and (6) Counteractive mechanism. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/117>

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30. Generally, the status of health and safety in the construction sector is reported to be declining. Consequently, this indicates the necessity of developing an awareness and a comprehensive knowledge among the role of various stakeholders in their contribution to construction health and safety improvement. As part of the construction industry stakeholders, the role of localities is one of the factors to consider in the formation of construction health and safety knowledge and practice. Despite the plethora of construction health and safety studies found in the literature, there have been very few studies that have considered the association between localities and their association with construction health and safety practices. In this paper, a Chi-square test of independence is used to investigate whether a disparity between localities and their safety practices exists. Moreover, this study contributes to existing literature in such a way that it is the first to consider the relationship between intra-locality and health and safety practices in the context of the construction industry. Furthermore, this study will be valuable for construction stakeholders in the formulation of a more unified and standardized health and safety practices and regulations. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/587>

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31. The present study describes the attempt to achieve the competencies of the Philippine K to 12 Science Program through thematic instruction. It seeks to address the challenges encountered by science teachers with the current curriculum design. The researchers used a thematic instructional model in giving classroom instruction. Two sets of pre-service teachers, taking part as facilitators and as observers, were purposely chosen in the study. The researchers used convergent mixed methods design in analysing the pre-service teachers' experience and observations in teaching through thematic instruction. Results revealed that the thematic instruction implemented in the study has the potential to address the challenges of the current K to 12 science curriculum in terms of design, lesson content, and implementation. Consequently, the results suggest that the thematic instruction design in the study can be used to help achieve the desired outcomes of the K to 12 Science Curriculum. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/845>

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32. Our first batch of Medical Technology students had their white coat ceremony yesterday which marks the students' transition from the study of preclinical sciences to clinical health sciences. This ceremony marks a change in tradition, introducing students to the Oath before starting their professional years of study. --- Enrollment is ongoing. Click here for more information: <https://usjr.edu.ph/2023/05/16/usjr-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/>

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33. The food safety compliance and challenges of micro Food Business Operators (FBOs) that could impact COVID-19 are assessed in this study using the descriptive-comparative research design. The findings reveal that the sanitary conditions of utensils and equipment, the sanitary operations and facilities, the monitoring of time and temperatures, and the maintenance of the sanitary conditions in the facility need major improvement to increase food safety compliance and to contribute in mitigating the transmission of COVID-19. Minor improvements are needed in the handwashing facility, the implementation of the water potability program, Sanitation Standard Operating Procedures, personnel disease control, and hygienic practices. Moreover, the lack of technical knowledge and time to manage and continuously improve food safety system are the challenges experienced by the FBOs. These findings are instrumental to the improvement of the food safety practices, formulation of relevant policies, and conceptualization of research in mitigating COVID-19 relevant to food safety. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/959>

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34. The paper introduced the concept of a fractal distribution using a power-law distribution. It proceeds to determining the relationship between fractal and exponential distribution using a logarithmic transformation of a fractal random variable which turns out to be exponentially distributed. It also considered finding the point estimator of fractional

dimension and its statistical characteristics. It was shown that the maximum likelihood estimator of the fractional dimension is biased. Another estimator was found and shown to be a uniformly minimum variance unbiased estimator (UMVUE) by Lehmann-Scheffe's theorem. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/989>

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35. The authors declare that they have revealed all actual and potential conflicts of interest and any partial advantages related to their work. Additionally, RMRJ demands that writers include a statement about their funding. Additionally, editors and reviewers are expected to disclose any potential conflicting interests that can compromise the impartiality or integrity of a publication.

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36. Listen again to the original song composed by our Grade 10 completers this year for their Moving-up Ceremony YOUTUBE.COM USJ-R Junior High School Moving-up Original Theme Song entitled Our Everlasting Story

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37. #USJRLive | Our pre-kindergarten and kindergarten pupils together with their parents and guardians culminate Academic Year 2022- 2023 today at the Recoletos Coliseum. Join us virtually to celebrate their holistic growth. <https://www.youtube.com/watch?v=OL9GodDQNZU> To join our growing Josenian family, click here to view the admission and enrollment guide for elementary: <https://www.facebook.com/media/set/?set=a.10160522276123351&type=3> #USJRat75 #TakingYouForwardSince1947 YOUTUBE.COM USJ-R Pre-Kindergarten and Kindergarten Moving-up and Recognition 2023

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38. This study developed and validated E-learning Self-directed Interactive Modules (E-SelfIMo) for Earth Science. The study employed Research and Development method, using the Borg and Gall development procedure, in creating eight e-modules using Kotobee software, evaluating them by experts and students and determining their effectiveness in terms of student's conceptual understanding. Experts agreed that E-SelfIMo met the DepEd standards for non-printed learning materials, and students attested their high validity in content, format, and usefulness. Pretest and posttest results for the effectiveness of E-SelfIMo revealed that students exposed to the E-SelfIMo have progressed from Near Mastery to Near Full Mastery in the chosen Earth Science topics, showing more significant improvement in their conceptual understanding than the control group. This study concludes that E-SelfIMo supports interactive, active, and self-directed learning thereby, improving students' motivation, engagement, interest, and performance. The E-SelfIMo could be used with technology integration as a teaching and learning tool. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1647>

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39. This paper aims to analyze the interest generated in social media of posts that were originally, just local or national concerns; yet, in time, became global phenomena. It studies two recent phenomena: the Arab Spring and Psy's Gangnam Style which demonstrate the transformative power of social media. Using secondary online data through data mining method, it looked into the Arab Spring incident and the popular video of Psy's The Gangnam Style, which is a global sensation. Results reveal the spread of popularity across the world of the two from being mere national phenomena. This validates the theory used in this study. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/127>

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40. The study aims to assess the extent of social media usage in talent acquisition in IT/BPM companies in Cebu and evaluate the insights of the applicants on the practice of using social media in character assessment for hiring decision. The quantitative method was employed to obtain data from two groups of respondents which constitute thirty hiring managers and ninety-six applicants. The study found that while hiring managers moderately practice social media background check to obtain additional information about the applicant, they seldom used it in hiring decisions because of the lack of formal or informal policy allowing or restricting the use of social media for that purpose. It is also found that there is a significant difference in perception between hiring managers and prospective applicants on user-generated content on candidate social media profile. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/631>

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41. This study investigates the effectiveness of the Mother-Tongue Based Multilingual Education (MTB-MLE) Certificate Program to the academic performance of pupils utilizing their first language in learning. Teacher-scholars' performance were measured in terms of teaching-learning and teaching facilitation. Moreover, pupils' satisfaction level were determined based on the comparison of teachers' performance as scholars, trained and non-trained. The findings of this study revealed that teacher-scholars who enrolled in the certificate program showed positive and direct effect to pupils' academic performance. An increase of pupils' achievement and satisfaction level towards learning using MTB-MLE as a medium of instruction was grounded on the intensity of teachers' training about the implementation of MTB-MLE in each grade level. Furthermore, scrutinizing the differences of both teachers' performance and pupils' performance in Grades

1-3 will be helpful in determining more provisions to make the K to 12 implementation more effective and more understandable to individuals within the cycle of learning. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/114>

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42. This paper further investigates the cyclic group  $(\mathbb{Z}_p)^*$  with respect to the primitive roots or generators  $g$  of  $(\mathbb{Z}_p)^*$ . The simulation algorithm that determines the generators and the number of generators,  $g$  of  $(\mathbb{Z}_p)^*$  for a prime  $p$  is illustrated using Python programming. The probability of getting a generator  $g$  of  $(\mathbb{Z}_p)^*$ , denoted by  $(\phi(p))/(\phi(p))$ , is generated for prime  $p$  between 0 to 3000. The scatterplot is also shown that depicts the data points on the probability  $(\phi(p))/(\phi(p))$  of the group of units  $(\mathbb{Z}_p)^*$  with respect to the order  $p - 1$  of  $(\mathbb{Z}_p)^*$  for prime  $p$  between 0 to 3000. The scatterplot results reveal that the probability of getting a generator of the group of units  $(\mathbb{Z}_p)^*$  is fluctuating within the probability range of 0.20 to 0.50, for prime  $p$  modulus from 3 to 3000. These findings suggest that the proportion of the number of generators of the group of units modulo a prime of order  $p - 1$ , though fluctuating, is bounded from 20% to 50% for prime  $p$  modulus from 3 to 3000. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/988>

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43. Starting with the assumption that media, particularly magazines, serve as a ground that shape the ideological landscape for women representations, this paper explored feminine ideologies and representations of twelve (12) Cosmopolitan Philippines magazine covers from the year 2015. Underlying ideological structures were found not only in the linguistic but symbolic features of the text as well. Employing the methodologies of multimodal critical discourse analysis, the investigation revealed emerging patterns on how women are portrayed and represented in the magazine covers. The fun and fearless catchphrase that the magazine has shaped to define the modern Filipina (a) presents them as hypersexualized and practicing adventurous sex, (b) positions them as followers of health and beauty regimens and glamorous lifestyle that ultimately lead to the affirmation of the opposite sex, and (c) objectifies them through come-hither poses and scantily-clad bodies that emphasize the cleavage, toned abdomens, and legs. The paper also discussed the possible implications brought about by the perpetuation of these ideological structures. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/274>

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44. Check out the discounts that you may enjoy this summer ?? Make sure to file your application for discounts on or before June 17. USJ-R DISCOUNTS SUMMER 2023 Application for USJ-R Discount, except Cash Discount, is done online at the link provided below: [forms.gle/NuG7Z412649nPsGS9](https://forms.gle/NuG7Z412649nPsGS9) All supporting documents /requirements must be sent through email. See the sample below: To [discount@usjr.edu.ph](mailto:discount@usjr.edu.ph) Subject : Juan dela Cruz (Employee Privilege) Deadline for the Filing of Discount is on JUNE 17, 2023. - No application will be accepted beyond the deadline. - Adjustment of corresponding discount will be reflected during the FINAL TERM. All USJ-R discounts are disseminated through the following: - official Facebook page of USJ-R Scholarship Center; and - email of all departments in USJ-R; EMPLOYEE PRIVILEGE 1st child = 100% of tuition 2nd child = 75% of tuition 3rd child = 50% of tuition 4th child = 25% of tuition Discount is given for students whose parent is a permanent employee of USJ-R. REQUIREMENT FOR SUBMISSION (e-copy) - PSA Birth Certificate (new applicant) Name of Parent/Employee Employee No: COACH PRIVILEGE YEAR OF SERVICE 1ST CHILD 2ND CHILD - 10 years -50% TUITION -25% TUITION - 15 years -75% TUITION -50% TUITION - 20 years -100% TUITION -100% TUITION GRADUATE SCHOOL (PERMANENT OFFICE PERSONNEL) A discount of 100% on tuition and other fees in the Master's degree program offered by the University. The applicant shall observe the process flow for the grant through the Human Resource Management Office. REQUIREMENT FOR SUBMISSION (e-copy) Approved letter request to the President through the VP-Administration (new applicant)

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45. This study is about the generated electricity from wastewater using carbon electrodes with the absence/presence of salt bridge through the biofilm anode of the microbial fuel cell (MFC) technology. The three wastewater samples used were from a pond, an abaca pulp mill, and rice fields. Results showed that one of the abaca pulp mill treatments, using carbon rod electrodes with salt bridge presence, reached the highest mean voltage and current to 578.7 mV and 0.2022 mV, respectively. The study revealed that the number of sensible power generation days, from start to end of experimentation, has a significant difference between treatments. Throughout the 20-day fermentation process, a total count of  $8.94 \times 10^5$  colony forming units (CFU) per ml was found and purified from the biofilm anodes from pond wastewater. Likewise,  $9.14 \times 10^5$  CFU per ml isolates from the abaca pulp mill, and  $1.65 \times 10^6$  CFU per ml isolates from the rice field. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1011>

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46. The study is a reflection on the phenomenological hermeneutics of Paul Ricoeur which is based on the selected issues entangling the mystery of hermeneutics in relation to identity. It delves into hermeneutics -- its kind,



characteristics, and various relevant topics such as the role of philosophy, theology, biblical/sacred writing, history, culture, media, relation between the text-author and the reader-interpreter, human identity and character, love and justice, ethics and morality, law and command and the like. In a comprehensive manner, it also analyzes the phenomenological hermeneutics of Ricoeur exploring into the interpretation on the mystery of hermeneutics on the self and identity i.e. the human person who is created into the image of God capable of giving love, justice and embracing the fullness of hermeneutics of the self that was perfected in the image of Christ. The human person is the entire project that journeys toward meaningful existence concretized by man's search for ultimate happiness. It is a movement towards fulfilling the character, nature or essence of his being. It is a process of turning one's being into its becoming. This project called humanity is a path that every person must walk on to attain his end. No one can escape this project. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/204>

47. This research work centers on the culture of tuba, a fermented drink primarily composed of coconut sap and barok. This drink is commonly found in the province of Leyte, Philippines. Utilizing oral history coupled with related studies from reputable journals, this paper presents tuba as a beverage common and perfected in the province of Leyte, hence forms part Leyte's tangible culture. Further, this liquor, being a commodity, can be a source of income on the part of the manangiti, the alpor, and anyone who wishes to sell it. This paper also narrates how tuba is valued as part of Leyte's culture, and tries to understand how tuba nurtures certain Filipino values. This paper concludes that this liquor is essential to the province's culture, hence, worthy to be documented and perpetuated by highlighting the need to elevate the value of the manangiti. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1130>

48. ????? ???? ??????-?? ????? ?????? ?????? ?????????? ?????, ??? ????-????-???????? (semestral enrollment, i.e. SHS, College, School of Law) and ????? ????????? ?????????-???????? (school year enrollment, i.e. Elementary, JHS) Check out the discounts available at USJ-R. Kindly see also the documents needed for submission. ????? for ????? ????? ???? ??????-?? ????? will be on ????? ??, ??????????. No application will be accepted beyond the deadline. You may see below the ????????? ????????? ?????? ?????: <https://forms.gle/ghT9apz6HxCadeof8> For ????????? ?????? ?????: Kindly apply at USJ-R Accounting Office Main or Basak Campus. Not applicable for Card and Online Payments. The deadline is ????? ??, ??????????. Thank you for your attention. Keep safe everyone!USJ-R Discounts FIRST SEMESTER, AY 2023-2024 Application for USJ-R Discount, except Cash Discount is done online at the link provided below: <https://forms.gle/ghT9apz6HxCadeof8> All supporting documents/requirements must be sent through email. See the sample below: To :discount@usireduph subject : Juan dela Cruz (Academic Discount - College) Deadline for the Filing of Discount is on: SEPTEMBER 2, 2023 IMPORTANT NOTE: 1.No application will be accepted beyond the deadline. 2.Adjustment of the corresponding discount will be reflected during the Final Term. All USJ-R discounts are disseminated through the following: - official Facebook page of USJ-R Scholarship Center; - email of all departments in USJ-R; - School Information Service or SIS; and - Learning Management System or LMS FAMILY RELATIONS (BROTHERS & SISTERS) 2 STUDENTS = 10% of the lower tuition 3 STUDENTS - 30% of the lower tuition 4 STUDENTS = 50% of the lower tuition 5 STUDENTS = 75% of the lower tuition 6 STUDENTS = 100% of the lower tuition Discount is given for students with blood relations as brothers or sisters who enrolled simultaneously in USJ-R. REQUIREMENT FOR SUBMISSION(e-copy) PSA Birth Certificate (new applicant) EMPLOYEE PRIVILEGE 1st child = 100% of tuition 2nd child = 75% of tuition 3rd child = 50% of tuition 4th child = 25% of tuition Discount is given for students whose parent is a permanent employee of USJ-R. REQUIREMENT FOR SUBMISSION ( e-copy) - PSA Birth Certificate (new applicant) Name of Parent/Employee Employee No: COACH PRIVILEGE YEAR OF SERVICE 1ST CHILD 2ND CHILD - 10 years -50% TUITION -25% TUITION - 15 years -75% TUITION -50% TUITION - 20 years -100% TUITION -100% TUITION REQUIREMENT FOR SUBMISSION( e-copy) - PSA Birth Certificate (new applicant) - CoaCH Contract of Engagement (new applicant) Discount is given for students whose parent has served for 10 years or more as a Coach of a particular sporting event in USJ-R. GRADUATE SCHOOL (PERMANENT OFFICE PERSONNEL) A discount of 100% on tuition and other fees in the Master's degree program offered by the University. The applicant shall observe the process flow for the grant through the Human Resource Management Office. REQUIREMENT FOR SUBMISSION (e-copy) Approved letter request to the President through the VP-Administration (new applicant) SCHOOL OF LAW GOVERNMENT EMPLOYEE (at least one year in service) DISCOUNT: 25% TUITION REQUIREMENTS: - Employment Certificate from the Government Office - Government ID HONOR STUDENT (upon entry, good for 1 year or 1st or 2nd sem) DISCOUNT: - SUMMA CUM LAUDE 100% TUITION - MAGNA CUM LAUDE 100% TUITION - CUM LAUDE 75% TUITION REQUIREMENTS: 1ST semester: Certification of Honors 2nd semester: Official Grades with no grade below 2.5 per subject & with at least 15 units load on the 1st semester ACADEMIC DISCOUNT (succeeding enrollment after 1 semester) DISCOUNT: - GPA of 1.0-1.40 100%

Tuition - GPA of 1.41-1.70 50% Tuition REQUIREMENTS: - Official Grades with no grade below 2.5 per subject & with at least 15 units load on the 1st semester GRADE SCHOOL (STARTING GRADE 2) Overall rank 1 100% Tuition Overall rank 2 75% Tuition Overall rank 3 50% Tuition REQUIREMENT FOR SUBMISSION (E-copy) Certificate of Over-all Rank from the previous School Year JUNIOR HIGH SCHOOL upon entry with 100 or more completers - Overall Rank 1 (Grade 10) 100% Tuition - Overall Rank 2 (Grade 10) 75% Tuition - Overall Rank 3 (Grade 10) 50% Tuition REQUIREMENTS (e-copy) - Certificate of Overall Rank with No. of completers from Grad

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49. READ | The program covered a wide range of topics including effective teaching strategies, the principles of catechesis, and the fundamentals of our Catholic Faith. Participants number to 180 parish catechists and 2 parish priests, from a total of 16 parishes.. USJR.EDU.PH USJ-R trains catechists from 16 parishes in Northern Cebu - University of San Jose - Recoletos

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50. A novel computer vision application is developed to measure the deflection of two-dimensional (2D) reinforced concrete structural members. Eight beam samples, with dimensions of 160 mm x 150 mm x 1400 mm are loaded and simulated under a four-point loading test until failure using a reaction framework machine. A camera is fixed at the center front view of the concrete beams to capture the deflection of the samples while testing. In each test, a dial indicator is installed and the maximum deflection is manually recorded. Based on the results, the maximum deflection values recorded by the proposed application obtained an average error of 18.38 % when compared to the manual measured results. This indicates that computer vision-based application can provide a beam-wide scale deflection performance, compared to the traditional point-based deflection reading. This study paves a new possibility of aiding manual measurements of concrete beams and all other structural studies. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/895>

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51. #JosenianPride | Congratulations to the dean of the USJ-R School of Business and Management for being appointed as a member of the Commission for Tertiary Education under the Philippine Accrediting Association of Schools, Colleges and Universities Adelante! #TakingYouForwardSince1947

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52. This paper presents an optimal dispatch of battery storage and its economic viability with a photovoltaic system. There are four modelled scenarios based on the combination of interruptible load program and the time-of-use scheme. The scenarios were modelled using a Binary Particle Swarm Optimization and were simulated using Matlab v6. In all the scenarios, this model successfully optimizes the battery dispatch scheduling while simultaneously minimizes the DU s penalty from exceeding the maximum allowable power demand. This algorithm also optimizes the linearly forecasted demand for the next six year for all the scenarios. Then, an economic analysis for the possible investment to the combined BESS and PV system is conducted through the comparison of the payback periods of each scenario. The first scenario is implemented without ILP and a ToU scheme and has 79.86 payback years. With ILP scheme only, the second scenario has 33.37 payback years. Then the third scenario with ToU scheme only has a 30.29 payback years. Finally, the fourth scenario, with both ILP and ToU schemes, shows the fastest recovery of the investment with 21.57 payback years. Thus the combination of both ILP and ToU schemes provide the best economic benefit. Though the current proposed system is still not economically feasible however the foreseen positive trends on solar and battery technologies will make this system viable. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/198>

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53. RMRJ is dedicated to promoting knowledge through high-quality research publications in various disciplines. She is committed to editorial independence, diversity, and equity. Submissions from people of different backgrounds and geographic locations are welcome. Submissions are assigned to editors who will do the initial review. Should the manuscript be suitable for consideration by RMRJ, the paper will be sent to at least two independent peer reviewers. The peer reviewers' assessments are used to inform the associate editor's decision on whether or not to recommend publication. Endorsed papers will be forwarded to the Chief Editor for final approval.

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We do not put up with rude behavior or letters directed at our editors, staff, or other people helping us publish. We have the right to take appropriate measures to safeguard others from it. This situation may involve, for instance, withdrawing a manuscript from consideration or objecting to offensive remarks made by peers.

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54. READ | Rev. Fr. Hernando Coja, OAR celebrated the 50th anniversary of his priestly ordination in three cities in Cebu and Negros Occidental. The said priest was ordained on July 15, 1973 in Marcilla, Navarra, Spain. USJR.EDU.PH OAR priest celebrates 50th presbyteral anniversary in Cebu and Negros Occidental - University of San Jose - Recoletos

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55. Shifting to online distance learning due to the COVID-19 pandemic challenged educators' roles as instructional materials designers. This study aimed to examine the students' acceptance of the teacher-designed e-learning tool called Google Forms-based Lesson Playlist (GF-LP) in a home-based online distance learning environment. This quantitative research analyzed 570 responses from Grades 11 and 12 students at a private school in the Philippines using the partial least squares-structural equation modeling. Results showed that perceived self-efficacy and system quality strongly affect the users' perceived ease of use while perceived ease of use highly influenced the students' perceived usefulness of GF-LP. Facilitating conditions do not affect the users' attitudes towards using the e-learning tool, which confirmed the effective utilization of GF-LP in online distance learning. The relationships between the original constructs of the Technology Acceptance Model (TAM) were also presented. This study recommends the use of GF-LP or its features for remote learning. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/955>

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56. The implementation of the Republic Act No. 11203 mandates the development of a just and appropriate agricultural mechanization strategy. Thus, this study is conceptualized to calculate the rice machinery requirement and the mechanization level of La Union, Philippines. The utilization rate of existing machinery considers 100% and 70% in case the calculation is surplus. Furthermore, this aims to validate if there is no machinery requirement despite the 30% decrease in utilization rate. Hence, the results have revealed a need for 674 units of riding-type transplanter, 31 units of a rice combine harvester, 422 units of recirculating dryers, and 61 units of multi-pass rice mills. The rice mechanization level is moderately mechanized. However, only tillage operation is moderately mechanized; the transplanting, harvesting, drying and milling are low mechanised. These findings could serve as bases in the formulation of policies and strategies prioritizing suitable areas for machinery intervention in the province. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1063>

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57. #USJRAdvisory | Find answers to common inquiries about the services, policies, and procedures at the Accounting Office. USJ-R VP Finance - Accounting Office July 1 at 12:06 PM Find answers to common inquiries about our services, policies, and procedures. Frequently Asked Questions FAQs Check Payment Advisory Please be informed that the Accounting office will NOT ACCEPT over-the-counter payments of: - Post dated checks (PDC), - Check payments a week before the Final Exam or 4th Grading exam, and - Check payments for Back Account or Balance. All returned (bounced) CHECK PAYMENTS received by the University for tuition and other fees will be charged FIVE HUNDRED PESOS (PHP 500.00) per check. Terms & Conditions: 1. Two (2) swipes per student only. 2. The minimum amount is PHP 1,000.00 or above. 3. Intended for tuition and school fees only. 4. The card holder must present one valid ID and should be related to the student. 5. Card payments are now accepted online through the SIS portal. 6. Keep your official receipts for future reference. Note: The full payment discount is NOT applicable for card payments. Payment Over-the-Counter Upon payment over the counter, please 1. Bring your own pen. 2. Get one (1) payment slip for each transaction. 3. Fill up all the required data on the payment slip. 4. Indicate the denomination according to the bills you will be giving to the teller. 5. Count your change before leaving the counter. 6. Keep your official receipts for future reference. Account Balance - You may view your balance online by logging-in to your Student Information System (SIS) portal under ACCOUNTS and click SUMMARY OF ACCOUNTS. - You may view your periodic exam requirements and school charges breakdown online by logging-in to your Student Information System (SIS) portal under ACCOUNTS tab. Make sure to use the applicable term. Discount Adjustment - You may view your discount adjustment online by logging-in to your Student Information System (SIS) portal under ACCOUNTS and click SUMMARY OF ACCOUNTS. - All discounts will reflect at the end of the term. Make sure to use the applicable term. ACCOUNTING OFFICE Service Hours Monday - Friday 8:00 - 11:00 Am 1:00 - 3:30 Pm Saturday 8:00 - 11:00 Am Payment in case of Withdrawal Any student who withdraws shall be charged as follows: (Elementary and High School students) A. Before classes start - Total matriculation and registration fees B. After classes start - Number of months up to the date of withdrawal, divided by 10 months times tuition, other miscellaneous services, and 100% on other fees. NOTE: Fraction of a month is considered as one (1) month for computation purposes. A student who withdraws enrollment from any course shall be charged as follows: (Senior High, College, Law and Graduate school students) 1. Within the first week of classes - 10% of the total amount due for the term 2. Within the second week of classes 20% of the total amount due for the term 3. The student shall be charged 100% of the total amount due for the term after the second week PAYMENT IN CASE OF WITHDRAWAL OF SOME SUBJECTS Percentage charge will be the same as stated above but based on the tuition only.

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58. Robotics has advanced greatly in the past years. Modern robots can do complex tasks and are the central components of Industry 4.0. These improvements make robots applicable in a variety of fields like security, exploration,

entertainment, agriculture, healthcare and industry. While advancements in robotics come with many advantages, it still faces roadblocks that hinder its development or implementation. To aid in the public acceptance and adoption of robotics in the industry, policy development is critical to minimize the social and economic effects. Several policy recommendations were made such as improved government support, wage insurance, upskilling programs, information dissemination, and robot tax, which would accelerate robotics development, bolster job security, publicize key information, and stabilize taxation. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1418>

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59. The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

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60. For generations, folk medicines have been used to cure various diseases with supernatural and naturalistic causations. With ethnographic descriptive design, mananambals, Tambal Binisaya vendors, and loyal patrons served as key informants in this qualitative study. In obtaining the data, observations, field notes, and interviews were the main instruments used to investigate inculturation, which is the underlying phenomenon behind the folk Catholicism evident in Tambal Binisaya. As such, it was revealed that there are strong pieces of evidence of pre-Christian practices in Tambal Binisaya, such as belief in abyans, balance in natural elements in the body, and even animism, which are somehow divergent from Catholic beliefs that put a premium on God and the total healing of the mind, body, and spirit. Despite these differences, Tambal Binisaya somehow integrated these aspects of the two systems into a hybrid healing practice. The indigenous have indeed been married to Catholicism in Tambal Binisaya. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1220>

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61. Catch us today at 2PM as we explore Cebu City's numerous cultural and heritage gems, right in the heart of the city! as we explore and learn how to appreciate these structures with new information we might not have yet known. Joining us is Architect Kristi Gultiano, whose passion for heritage architecture has become a personal advocacy.

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62. Authors must strictly adhere to the format and style of the journal to avoid manuscript rejection. Hence, authors are encouraged to carefully read the instructions for authors before submitting their manuscript.

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63. This paper presents the assessment of the Malaysian experience on the implementation of the Small Claims Procedures. This covers the magistrate courts of Kuala Lumpur, Shah Alam and Johor Bharu as the major cities of Malaysia. Small Claims Procedure plaintiff is an individual person who is not an agent or assignee of any debt of another person. (Order 93, Rules of Court 2012 r. 1.2). The money involved in cases without intervention of a solicitor or advocate is less than RM 5,000.00 (USD 1,168.91). Order 93, Rules of Court 2012 refined mechanism is in its 32 years in implementation since 1980 it was first adopted. The major challenge is information dissemination. The Malaysian s Small Claim Procedures implements warrant of arrest and imprisons the defendant for failure to comply court order. The beneficiaries are individual persons instead of lending corporations. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/276>

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64. Pediculosis capitis infestation, commonly known as head lice, a worldwide public health concern affecting individuals of all age groups, and prevalence in the general population can be as high as 40 percent. The main task attained in the study was the determination of the pediculicidal effects of *Annona squamosa* seed extract of different concentrations. Methodology utilized a true experimental design done in 3 trials; 10 live head lice were observed under each concentration of 25%, 50%, 75% atis seeds extract for the experimentation and 75% permethrin concentration as controlled group. In vitro testing was used and the subjects were placed in prepared petri dishes for experimentation. Data results found out that there is p-value of 0.067 at  $\alpha = 0.05$  for mean time elapsed (secs) for 100% head lice mortality. Significant p-level of 0.002 for pediculicidal activity for the first 5 minutes has been noted. The researchers derived up with a conclusion that Custard Apple (*Annona squamosa*) seed extract in 75%, 50% and 25% concentration is as effective as Commercial Pediculicide (Permethrin) in killing pediculosis Capitis. 50% concentration has comparable results to Permethrin and is the most effective due to its earlier onset of pediculicidal activity. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/109>

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65. This is the title

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66. Rev. Fr. Hernando Coja, OAR celebrated the 50th anniversary of his priestly ordination in three cities in Cebu and Negros Occidental. The first stop was done in Talisay City in Western Visayas on July 10. The mass was conducted at San Nicolas de Tolentino Parish Recoletos, where the celebrant served for 3 years as the parish priest. After which, a thanksgiving dinner was hosted at San Vicente Ferrer Complex located beside the church. It was attended by the

surviving family members of Fr. Coja as well as OAR priests, friends, and parishioners. Read more: <https://usjr.edu.ph/2023/07/14/oar-priest-celebrates-50th-presbyteral-anniversary-in-cebu-and-negros-occidental/>

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## 67. VP FOR FINANCE

Rev. Fr. Leopoldo V. Estioko, OAR was born in Negros Occidental and was raised in Bacolod City. He finished Bachelor of Science in Mechanical Engineering at the University of West Negros.

In 1984, he entered the seminary. According to him, he first applied for the Oblate of Mary Immaculate (OMI) but was not accepted. One of the OAR priests knew what happened and told me to take a test for the OAR congregation in Casiciaco in Baguio, he recalled.

Then, he was ordained as a priest on 1991. He then served as the school treasurer at the University of Negros Oriental-Recoletos (UNO-R) from 1991-1997. After, he taught Agri-Engineering back in UNO-R.

Fast forward, he was assigned as a Novitiate Master in Antipolo from 2015-2018.

On the lighter side, Fr. Estioko enjoys painting and had produced at least 10 creations with subjects like still life, landscape, and portraits.

For me, painting is therapeutic. Things I couldn't tell my brothers, I can express in painting, he explained.

The new VP Finance is also into pastel colors and RnB particularly highlighting his fondness of the song Price Tag by an English singer and songwriter Jessie J.

When asked of his favorite movie, he was fast to rejoin the cartoon character Popeye, Tarzan, and Lion-King.

As a local prior, he emphasized that the primary focus should be prayer life. We are here to live a life of holiness; we are not only here as administrators, he said. In the university, he aims to strengthen the Leccio Divina. It is a traditional Benedictine practice of scriptural reading, meditation, and prayer intended to promote communion with God and to increase the knowledge of God's Word. I want the (accounting) staff here to not only focus on numbers, but they should also have hearts: to know how to feel and learn how to care, he said.

[Words of Wisdom for Josenians]

We are persons with faculties: mind and emotions, it should be balanced.

name: Rev. Fr. Leopoldo V. Estioko, OAR, position: VICE PRESIDENT FOR FINANCE (VP FOR FINANCE)

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68. Fresh water withdrawals refer to the total fresh water withdrawn in a given year, expressed as a percentage of total renewable water resource. Withdrawals can exceed 100 percent of total renewable resource where extraction from nonrenewable aquifers or desalination plants is considerable or where there is significant water reuse. Exploratory data analysis using Fractal Statistics were used to determine significant information about the global freshwater extractions of the different countries. Fractal Statistics Analysis, has determined

the data to be exponential in distribution across regions and the impact of water scarcity on countries is fractal. Other significant issues are over-extraction of underground water, fresh water depletion, and environmental degradation. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/20>

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## 69. this is text

70. This study investigated the positioning of teacher education institutions (TEIs) in the glocalization continuum of bilingual complexities in responding to the global and local demands for harmonious and peaceful nation building. This study was exploratory in nature. The researchers used survey questionnaires to account the effects of more than four decades of enforcement of Bilingual Education in the Microcosm area in Cebu City (Philippines). Stratified sampling

technique was employed; wherein strata were divided based on specialization of the 213 pre-service teachers. Cronbach's alpha was used to measure reliability and internal consistency of the instrument. Principle component method through factor analysis was utilized to reduce the data complexity and to identify important factors of bilingual education policy. Results revealed that bilingual education policy has duplicitous character in a non-native English country. Yet, it is a tool that can propel nation building. Much of it lies in the hands of the teacher education institutions power and capacity to ignite other industries of the country. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/118>

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71. This study is an empirical validation of the economic and environmental parameters of tourism in the Philippines. The determined tourism factors to be affected by tropical depressions are: tourist arrivals, tourism employment rate and travel price. These factors had varied impacts on economic growth in terms of annual gross domestic product through: exchange rate, inflation rate, consumer price index, and employment rate. The researcher utilized a path analysis to determine which among the tourism factors had a robust effect by the tropical depression. This study also concludes the effects (both direct and indirect) of predictors to GDP. A model was established from the predictors (x) to its response (y). To demonstrate the paths from the origin to the end, a computed path coefficients were generated. The summation of value effects was determined and an effect model was established. Findings revealed that travel price factor was a prevalent element that influenced the volatility of GDP and not more on the tourist arrivals and tourism employment rate. Tourists, regardless of nationality, prefer to spend more their money, enjoy and mesmerize the natural beauty of Philippines even with the occurrence of natural disturbances. Hence, this study implies on strengthening the policy of fixed prices on travels and all in-country cost, developing more the outdoor and indoor tourism industry, the Philippines infrastructure to sustain and enhance tourism services. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/23>

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72. In this paper, I delve on Nietzsche's concept of perspectivism and how it becomes relevant amid contemporary society's openness to relative standpoints. The foremost era that reflects this description points to postmodernism as a politics of difference. Nietzsche's perspectivism is generally a critique of the conditions that absolutize truth. While this may seem a valiant opening for a welcoming era on an epistemological standpoint, it does not however do away with its own paradoxes. I contend whether this fits well with postmodernism and its ironic relationship to truth and asserts further that the conditions for Nietzsche's perspectivism can only achieve its future if it hermeneutically stands as political consensus. Later, I will present the features of this perspectivism as political consensus and how it can be viable in postmodernity. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/270>

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73. e 6 upon entry with less than 100 completers - Overall Rank 1 (Grade 10) 75% Tuition - Overall Rank 2 (Grade 10) 50% Tuition - Overall Rank 3 (Grade 10) 25% Tuition REQUIREMENTS (e-copy) - Certificate of Overall Rank with No. of completers from Grade 6 succeeding enrollment - Overall Rank 1 (previous year) 100% Tuition - Overall Rank 2 (previous year) 75% Tuition - Overall Rank 3 (previous year) 50% Tuition REQUIREMENTS (e-copy) - Certificate of Overall Rank from the previous School Year SENIOR HIGH SCHOOL upon entry with 100 or more completers from JHS - JHS 10 GPA 98-100 = 100% Tuition - JHS 10 GPA 97-97.99 = 75% Tuition - JHS 10 GPA 96-96.99 = 50% Tuition - JHS 10 GPA 95-95.99 = 50% for USJ-R Completers REQUIREMENTS (e-copy) - Certificate of Number of Completers with Grade Point Average (GPA) from the Junior High School upon entry with less than 100 completers from JHS - JHS 10 GPA 98-100 = 75% Tuition - JHS 10 GPA 97-97.99 = 50% Tuition - JHS 10 GPA 96-96.99 = 25% Tuition - JHS 10 GPA 95-95.99 = 25% for USJ-R Completers REQUIREMENTS (e-copy) - Certificate of Number of Completers with Grade Point Average (GPA) from the Junior High School succeeding enrollment - SHS GPA 98-100 = 100% Tuition - SHS GPA 97-97.99 = 75% Tuition - SHS GPA 96-96.99 = 50% Tuition REQUIREMENTS (e-copy) - NONE (GPA will be viewed by the scholarship center) COLLEGE(UPON ENTRY) Upon entry: with PRC Entry Board Exam Programs - SHS GPA 98-100 = 100% Tuition & misc - SHS GPA 97-97.99 = 75% Tuition & misc - SHS GPA 96-96.99 = 50% Tuition 7 misc Upon entry: without PRC Entry Board Exam Programs - SHS GPA 98-100 = 75% Tuition - SHS GPA 97-97.99 = 50% Tuition - SHS GPA 96-96.99 = 25% Tuition REQUIREMENTS FOR SUBMISSION (e-copy) - SHS Report Card - Certification with Average Grade COLLEGE(SUCCEEDING ENROLLMENT) Succeeding semesters: with PRC Entry Board Exam Programs - College GPA 1.00 - 1.15 = 100% Tuition & misc - College GPA 1.16 - 1.30 = 50% Tuition & misc Succeeding semesters : without PRC Entry Board Exam Programs - College GPA 1.00 - 1.15 = 75% Tuition & misc - College GPA 1.16 - 1.30 = 50% Tuition & misc REQUIREMENTS FOR SUBMISSION (e-copy) - NONE (GPA will be viewed by the Scholarship Center online) NOTE: Effective Second Semester, ay 2021 - 2022 onwards, the School Board has approved that the studnets who transfer from the PRC Program to a non-PRC Program shall be disqualified from enjoying the academic discount CASH DISCOUNT - 5%

Discount on Tuition Fee only (semestral/school year) - Can be available if paid in full on or before September 2, 2023 (Saturday) - Not applicable for Card Payments Actual cash payment (over the counter) at USJ-R Accounting Office (Main or the Basak Campus)

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74. National Culture Consciousness Week Catch us today at 2PM as we explore some undiscovered Cebuano rituals and practices! Joining us is Mr. Mark Arnold Langahid, who did the research on these undiscovered rituals and practices themselves. Curious about what he discovered? Watch this online presentation!

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75. This study aims to draw insights and implications on conflict management strategies from selected philosophers. It utilizes textual or content analysis to present and explain what they have to say and offer about conflict management strategies. The study shows that different philosophers have varied approaches and strategies to conflict management among them are yielding, compromising, collaborating, competing, and avoiding. However, they share commonalities such as the discernment and defense of the greater good/common good over individual interests and desires; the discernment and defense of truth, rectitude, and justice over beliefs, feelings, opinions, prejudices, injustice and stereotypes; the principle of not harming others; a preventive approach to conflict management rather than curative. Therefore, philosophy is not something abstract but offers practical strategies to manage conflict. The study is relevant because it is an additional literature on conflict management particularly from the perspective of philosophy considering that there is dearth in the literature. This study recommends that another study be made using different set of philosophers. Also, one may look into leadership or management styles reflected in the philosophy of selected philosophers. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/21>

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76. this is text

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77. The current study focuses on the well-being of Montfortian teachers in terms of work engagement in five Asian countries such as India, Singapore, Malaysia, Thailand, and the Philippines. Data were collected using a survey questionnaire from 427 teachers. Differences in the level of work engagement were tested using Analysis of Variance. Regression models examined the significant predictors and organizational outcomes of work engagement. Perceived Organizational Support and Servant Leadership significantly predicted Work Engagement in Singapore and Thailand. Work Engagement had a positive impact on Organizational Citizenship Behavior (OCB) directed toward organizations in Singapore, Malaysia, Thailand, and the Philippines. It had a significant effect on OCB directed toward teachers in Malaysia and Thailand. Work Engagement also predicted Affective commitment in India and Singapore. This study produces cross-national knowledge about work engagement. Further, it provides a better understanding of teachers well-being in terms of work engagement and its effect on organizational variables in the school context. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/779>

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78. National Culture Consciousness Week Online Lecture Catch us on today at 2PM as we explore the wonders of museum exhibitions and how they can help us get to know more of ourselves and our culture! Joining us is Ms. Princess Hernandez of the Nayong Pilipino Foundation Inc., and she will be sharing to us also how we might be able to appreciate more these exhibitions...and even possibly create our own exhibitions!

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79. The goal of this research is to design and implement a chatbot for querying Wordnet semantic relations. The study creates a contextual chatbot named WordnetBot, a web application that utilizes the use of technologies such as Dialogflow, React, NodeJS, Javascript, and MariaDB. The Wordnet database which leverages all other dictionaries due to its semantic relations representation was used as the data source. Phrase Structure Analysis extracts the keyword and the semantic relation from a user s message or query. It complements the Machine Learning and AI capabilities of Dialogflow in the analysis. The researcher designed an architectural framework for the integration of the different components of WordnetBot. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/876>

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80. Using primarily comparative evidence of mental health situation during the COVID-19 pandemic between a Southeast Asian and a European Country, this study was conducted among public and private schools in the Philippines and Latvia, Europe, amidst the COVID-19 pandemic utilizing a standardized Depression, Anxiety, and Stress (DAS) questionnaire. Findings revealed that Latvian teachers experienced higher cases of depression, anxiety, and stress than Filipino teachers. In contrast, Latvian students exhibit lower cases of depression and anxiety than Filipino students. Thus, mental health conditions of both teachers and students of both countries must be prioritized by conducting various

programs and activities which further demands that mental health must be considered in academic institutions because when human resource knows how to deal with depression, anxiety, and stress, they also make better choices in life which will make them corollarily become even more productive at work. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1328>

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81. Energy conservation is a buzzword that cuts across a broad spectrum of stakeholders. It has been widely practiced, developed, and discussed in government, political, and industrial sectors due to its massive impact on tackling issues related to climate change and global warming as well as presenting opportunities to cut energy costs. Despite the active discussion of this topic in the literature, very few papers have discussed it in the context of academic institutions which has one of the most significant impacts in terms of energy consumption. To address the issue, this paper places the topic of energy conservation in the context of academic institutions. Moreover, it adopts the Theory of Planned Behavior to investigate the success of energy conservation initiatives in academic institutions by looking at user behavior and its antecedents. Finally, this paper contributes significantly to the literature as it is one of the very few papers and arguably the first to discuss energy conservation in the context of academic institutions using the Theory of Planned Behavior. Furthermore, this paper will be beneficial for practitioners and other stakeholders in that it provides them with a framework to investigate the success of implementing energy conservation initiatives, especially, in academic institutions by looking at the antecedents of user behavior. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/550>

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82. Despite the threat of the COVID-19 pandemic, teachers continue to navigate the new normal in education which demonstrate their resilience. This descriptive correlational study determined the level of optimism, job stress, and emotional exhaustion of 150 teachers amidst the COVID-19 pandemic, and it analyzed the relationship among these three variables. The data were analyzed using weighted mean, standard deviation, and Pearson r. Results revealed resiliency among teachers amidst the pandemic with a high level of optimism and a relatively low COVID-19 induced job stress and emotional exhaustion level. This study has also shown that optimism is not correlated with job stress and emotional exhaustion, but it found out significant relationship between the last two variables. Generally, it can be concluded that teachers are highly optimistic amidst the pandemic. This paper also validates earlier claims that lower levels of job stress contribute to lower incidents of emotional exhaustion. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1027>

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83. Join us today as we culminate the academic journey of our pupils in the elementary level for AY 2022-2023. #USJRat75 #TakingYouForwardSince1947

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84. This exploratory study aims to discuss the multifaceted challenges and opportunities of the Philippine tourism industry during the COVID-19 pandemic. These challenges and opportunities are organized by following the elements of anti-pandemic strategies in the COVID-19 Management Framework. Some pressing challenges are the decline in tourism demand, layoff of workers, demand for online/digital transactions, avoidance of tourists to occupy hotel rooms used as quarantine facilities, and compliance of disaster management and control preparedness protocols. However, tourism industry can thrive through ample opportunities like exploring local tourism, training employees on digital services and on safety protocols, rebuilding company brand, improving business facilities, adapting to modern technology, and collaborating with consultants on disaster and risk management. These challenges and opportunities provide the bases for suggestions and recommendations to improve policies for future pandemic planning to cushion any potential impact on the tourism industry. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1071>

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85. This study aimed to explore poverty among ASEAN member nations by introducing a multidimensional poverty index that can be used to determine the relative success of a country in deterring several deprivations that are identified and measured. It utilized multiple factors that can be useful for policy and investment decisions and are intended to complement analyses using financial poverty indicators. Using exploratory data analysis, several indicators were selected to represent the different dimensions of poverty. Said indicators were then subjected to factor analysis which yielded four multidimensional indices namely: General Welfare Index, Governance and Emotional Landscape Index, and Social Climate Index. Singapore, Brunei, and Malaysia ranked 1st, 2nd, and 3rd in all three indices, respectively. In addition, multivariate cluster analysis was also performed. It revealed that Singapore exhibited exceptional performance in all indices, thereby earning it a cluster all to its own. Similarities were observed between Brunei and Malaysia while Thailand, Vietnam, Philippines, and Indonesia were clustered together. Cambodia, Lao PDR, and Myanmar belonged to another cluster, indicating similarities among them. The study concluded that a wide gap exists among ASEAN countries



in terms of the various deprivations measured. It also identified several problem areas and strengths of the ASEAN member states. This information can be helpful in making sound judgments especially in the delicate circumstances that surround economic integration. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/22>

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86. There are two seemingly conflicting hypotheses on the status and impact of the Davao Filipino language. On one hand, Rubrico is optimistic that it could be a model variety of a more democratic and inclusive Filipino language that should be open to contributions and alterations from the other Philippine languages. On the other hand, Dolalas is giving a warning that the continued hegemony of the Tagalog/Filipino language on the Cebuano language will eventually destroy the latter. When conceptualized using the communication accommodation theory of Giles, the seemingly conflicting hypotheses would actually fit into a single construct that lines up the Cebuano language, the process of divergence, the Davao Filipino language, the process of convergence, and the Tagalog/Filipino language. Using the same communication accommodation theory, this paper assessed the validities of the two hypotheses, and attempted to formulate more acceptable hypotheses on the status and impact of the Davao Filipino language. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/267>

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87. Let  $G = (V(G), E(G))$  be a simple connected graph. A dominating set  $S$  in  $G$  is called a secure dominating set in  $G$  if for every  $u \in V(G) \setminus S$ , there exists  $v \in S \cap N_G(u)$  such that  $(S \setminus \{v\}) \cup \{u\}$  is a dominating set. The minimum cardinality of secure dominating set is called the secure domination number of  $G$  and is denoted by  $s(G)$ . A secure dominating set of cardinality  $s(G)$  is called  $s$ -set of  $G$ . Let  $D$  be a minimum secure dominating set in  $G$ . The secure dominating set  $S \subseteq V(G) \setminus D$  is called an inverse secure dominating set with respect to  $D$ . The inverse secure domination number of  $G$  denoted by  $s^{-1}(G)$  is the minimum cardinality of an inverse secure dominating set in  $G$ . An inverse secure dominating set of cardinality  $s^{-1}(G)$  is called  $s^{-1}$ -set. A disjoint secure dominating set in  $G$  is the set  $C = D \cap S \subseteq V(G)$ . The disjoint secure domination number of  $G$  denoted by  $r(G)$  is the minimum cardinality of a disjoint secure dominating set in  $G$ . A disjoint secure dominating set of cardinality  $s(G)$  is called  $s$ -set. In this paper, we show that every integers  $k$  and  $n$  with  $k \in \{2, 4, 5, \dots, n-1, n\}$  is realizable as disjoint secure domination number, and order of  $G$  respectively. Further, we give the characterization of the disjoint secure dominating set in the join of two graphs. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/162>

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88. internship in the summer term of third year.

List of Electives Prerequisites

CS ELECTIVE 1 Intelligent Systems ALGO 1

CS ELECTIVE 2 Graphics and Visual Computing OOP 1

CS ELECTIVE 3 Natural Language Processing CS Elec 2title: Prospectus of Bachelor of Science in Computer Science (CS or BSCS), link: [https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSCS-2015\\_2016-v1.0.pdf](https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSCS-2015_2016-v1.0.pdf)

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89. Efficiency of beekeeping industry depends not only on honeybee strains, its management and hive structures, but also on the abundance, availability and proper utilization of bee flora around bee farming areas. The present investigation was conducted in three barangays in Northwestern Cagayan covering Culao, Sitio Nagbaranganan in Centro 2 and Balingit from March 2014 to April 2015. The study used a descriptive survey method to identify the diversity of melliferous resources and to develop a floral calendar in relation to pollen and nectar availability in the area. Data was analyzed using a frequency count. In the three vegetations sampled, 54 plant species are useful to honeybees, 27 of which are forest trees, 25 are agricultural crops, and one each is a shrub and a weed. The study ascertained 18 flowering plants as extremely important bee floras since these blossom throughout the year. March to May were identified as the honey flow periods. July to September (dry season) and October to December (rainy season) were the dearth periods for honeybees in the study area. A floral calendar was developed based on the characteristics, abundance, time and duration of bloom of the bee flora. Northwestern Cagayan is suitable to initiate bee farming. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/203>

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90. Tambal Binisaya refers to the folk medicine used in Iligan City, Philippines. These medicines have been used for decades by mananambals or local folk healers and residents from low-income groups. However, because of modern treatments, the locals have started to move away from Tambal Binisaya. Because of this, many residents have become unfamiliar to Tambal Binisaya and the terms used in the trade. Thus, this ethnolinguistic study looked into the lexicon of Tambal Binisaya, specifically word formation processes involved in the names of these folk medicines. In doing so, the researcher employed interviews, observations and field notes in data gathering. Based on the results of the study, it was found that the morphological processes used are: affixation, enclitization, reduplication, metanalysis, compounding,

blending, borrowing and coining. It is concluded that there indeed lies a rich trove of lexical items in Tambal Binisaya which should be given more societal and academic attention. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/748>

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91. Renewable energy sources are foreseen to rise as they become scarce and expensive fossil fuels. Considering this thought, each country implements different strategies and national policies to support the development of renewable sources. However, these emerging developments may contribute to its depletion of natural sources. In this paper, an exploratory pattern analysis was used on 125 selected countries to determine the underlying trends on the effect of the development of renewable energy (RE) sources while utilizing the countries natural resources. Due to different status of each country, the trends were grouped in similar associations such as negative, positive and bell-like relationships. Developed countries showed a negative relationship where the natural resources are heavily utilized in the early stages but rapidly decreased as the RE progresses. This reflects the capability of these countries with high to very-high human development index (HDI) to invest more on advanced technologies which utilize fewer natural resources. On the other hand, the underdeveloped countries with low to moderate HDI behave in a positive relationship showing their heavily dependence on its natural resources as RE progresses. Moreover, a group of developing countries between developed and underdeveloped categories and without direct relationship to HDI showed a transition between positive to negative transition as the RE progresses.

These findings support the international policymakers, developers and investors on RE market justifications and entrustments, and fair RE policies such as the integration of Carbon Footprint Policy. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/173>

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92. Matteo Guidicelli is one of the USJ-R ETEEAP graduates today! In his speech, he emphasized the importance of responsible usage of social media and the power of perception. He invited his fellow Josenian graduates to be catalysts of positive change. He graduated with a degree of BSBA-Marketing Management. He is the grandson of the OAR Brother General and former USJ-R Dean the late Chief Justice and Senator Marcelo Fernan. Aside from him, Miss Universe Philippines 2019 Gazini Ganados also finished her degree in BS Tourism Management today.

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93. Reverse Fibonacci sequence  $\{J_n\}$  is defined by the relation  $J_n = 8(J_{n-1} - J_{n-2})$  for  $n \geq 2$  with  $J_0 = 0$  and  $J_1 = 1$  as initial terms. A few formulas have been derived for solving the missing terms of a sequence in books and mathematical journals, but not for the reverse Fibonacci sequence. Thus, this paper derived a formula that deductively solves the first missing term  $\{x_1\}$  of the reverse Fibonacci sequence and is given by the equation

$$x_1 = \frac{b + 8aJ_n}{J_{n+1}}.$$

By using the derived formula for  $\{x_1\}$ , it is now possible to solve the means of the reverse Fibonacci sequence as well as solving the sequence itself. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1200>

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94. This qualitative research describes the experiences of Filipino graduate students as they continue with their schooling during the COVID-19 pandemic. Particular challenges faced are related to technology and internet access. As graduate work is expected to be about research tasks, subscribing to paid resources is seen as an issue. It is also crucial to recognize how the experience has caused stress for students. The experienced challenges are resolved by augmenting students technological capacity, realigning personal values and perspectives, and resorting to free and open access journals to sustain research activities. The COVID-19 experience has taught graduate students the importance of technology, the significance of revisiting one's values, and the reflection on their quest to finish their graduate studies. Lastly, assistance to graduate students can be done by proactively offering infrastructure assistance, socio-emotional support, and institutionalizing responsive and flexible communication mechanisms.

link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/934>

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95. This descriptive-correlational study assesses the level of quality of Catholic education of five Recollect schools in Negros Island as assessed by school personnel and what they had done according to the framework of the Philippine Catholic School Standards (PCSS). Also, it determines whether a significant relationship exists between the demographic profile of the school personnel and their quality assessment in order to test the hypothesis that variation in their age, length of service, school origin and designation influence their respective assessments. Using the PCSS

Survey Questionnaire, the data were analyzed using mean, Spearman rho, and chi-square. The findings reveal that the level of quality of Catholic education in Recollect schools exceeds the benchmark. Significant inverse relationship was found between age and length of service of school personnel and their Catholic education quality assessment. However, no significant relationship was found between school of origin and designation and their quality assessment. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/614>

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96. Stress has been identified as the antecedent for undesirable outcomes, such as depression and self-harm but there still lack of awareness on extent of its impact on academics most notably in a developing country like the Philippines. Thus, a multicenter and interdisciplinary study was employed on 501 students from six state universities in the Philippines. A questionnaire structured to assess the perception of the students as to the severity of identified stressors) as well as the prevalence of the coping mechanisms they adopt to overcome stress was used. The results indicated that academic stressors proved to be the main contributory factor to levels of distress among undergraduates. Educators and decision-makers should tailor regular student evaluations and programs that ensure the impediment of the sources of stress and other measures for further prevention. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/714>

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97. This study explored the meaning of the caring experiences of nurses and caregivers in a private older adult facility. Using Hermeneutic phenomenology the study interviewed ten informants and data gathered were analyzed using NVivo, a qualitative data analysis software. Findings revealed four themes: a) My mission, my passion; b) My Challenge, my victory; c) Caring beyond boundaries and d) My life, my salvation. The study concluded that the caring self of the care providers consist of three dimensions of caring: confident care, strategic care and enduring care. This became the basis in the development of a theory that states that the caring self is the foundation of all the caring experiences that enables one to become an effective care provider, otherwise known as the care agent. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/704>

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98. this is text

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99. Alliance Software Inc. renewed its partnership agreement with the University of San Jose - Recoletos on May 16. The two institutions have been partners since 2014. Alliance CEO Robert Cheng shared that he is envisioning to double their company manpower in five years. He added that their direction is to showcase Filipino talents in the field of IT across the globe. To date, some of the company s leaders are graduates from USJ-R. Their HR specialist shared that a number of interns from USJ-R have also been extended and have received a job offer. #USJRat75 #TakingYouForwardSince1947

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100. USJ-R SED Treats Japanese Visitors to Unforgettable Campus Visit In an experience they will remember and cherish for the rest of their lives, students and teachers from Nishi Yamato High School were both literally and figuratively treated to a one-of-a-kind edu-cultural immersion last June 10, 2023, at the University of Jose-Recoletos Basak Campus Auditorium. The program started with the opening remarks from Rev. Fr. Persiuz Decena, OAR, warmly welcoming the visitors from Nara Prefecture to the campus. Dr. Jestoni Babia, the former Dean of the USJ-R School of Education and Director of the Center of Education for Sustainable Development (ESD) gave a very robust speech on the importance of cross-cultural activities especially in light of common ground pertaining to sustainable initiatives and socio-environmental consciousness. Emphasizing the strategic significance of the USJ-R School of Education as a hub for both academic excellence and sustainable education, Prof. Ma. Aira Chenessa B. Aguilar, Chair of the Department of Teacher Education, laid out key milestones and achievements of the college that ranged from multiple won competitions on innovative pandemic-era teaching practices to various Scopus-indexed publications with particular focus on best scientific and research-based sustainability efforts. It is worth noting that the School of Education has been designated a Center of Excellence in Teacher Education since 1996. Prof. Justine Marie Munez, Adviser of the Josenian Educators (JOED) organization, gave a detailed presentation of JOED s ongoing efforts to continue aligning its priorities with those of the United Nations Educational, Scientific, and Cultural Organization (UNESCO), particularly in the UN s Sustainable Development Goals (SDGs). She enumerated several completed and future projects JOED has undertaken and will take part in to demonstrate the organization s laserlike focus on training Josenian educators not only to become quality teachers in the classroom but individuals who can be counted upon as responsible global citizens in a constantly changing society. After a series of presentations on the intricacies of the Philippine educational system and Filipino culture, the Japanese visitors were on the receiving end of the learning by doing instructional approach as the JOED officers and selected SED students, in various stations, showcased the unique and original Filipino cuisine, dances, and games, and invited the Japanese students to take part in each category. The primary point of this segment of the

program was to introduce the visitors to the rich cultural legacy of the Filipinos and to steer them toward appreciating these unique cultural attributes while recognizing the value of USJ-R SED as an institution firmly committed to cross-cultural efforts to enhance the sharing of best practices and prioritizing the pursuit of common goals toward a sustainable future. The success of the cultural immersion by our Japanese friends was yet another feather in the cap for the USJ-R School of Education and Josenian Educators organization in our continued drive toward the enhancement of the multi-pronged areas of quality instruction, strategic internationalization, and global citizenship. With this effort, expect more meaningful collaboration and productive partnerships to ensue between the School of Education and various entities from the governmental, civic, and academic communities from here and abroad to be forged and fostered. The continued exchange and sharing of innovative and forward-looking ideas and initiatives will only serve to help us in the School of Education deliver the kind of education and learning to mold our students in ultimately becoming not just excellent teachers in the classroom, but competent and reliable stewards of the world. #SEDExcellence #TakingYouForwardSince1947 #JosenianEducators

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101. Parish Catechists from the Far North District Catechetical Ministry of the Archdiocese of Cebu were immersed in a two-day seminar and workshop on how to provide basic faith formation orientation. Participants number to 180 catechists and 2 priests, from a total of 16 parishes. The San Isidro Labrador Parish in Daanbantayan town took the initiative to host this seminar-workshop, recognizing the importance of empowering catechists in their mission to provide quality faith formation within their communities. #USJRat75 #TakingYouForwardSince1947

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102. Traffic flow mismanagement is a significant challenge in all countries especially in crowded cities. An alternative solution is to utilize smart technologies to predict traffic flow. In this study, frequency spectrum describing traffic sound characteristics is used as an indicator to predict the next five-minute vehicle density. Sound frequency and vehicle intensity are collected during a thirteen-hour data gathering. The collected sound intensity and frequency are then used to learn three machine-learning models - support vector machine, artificial neural network, and random forest and to predict vehicle intensity. It was found out that the performances of the three models based on root-mean-square-error values are 12.97, 16.01, and 10.67, respectively. These initial and satisfactory results pave a new way to predict traffic flow based on traffic sound characteristics which may serve as a better alternative to conventional features. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/982>

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103. MOA Signing and Pledge of Commitment of partners during the Launching of the USJ-R School of Law Advocacy and Community Enrichment (SOLACE).

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104. Join us this afternoon as we delve into the technicalities of creating and wearing the Filipiniana costume. In time for the celebration of the National Cultural Consciousness Week held every July 1-7 of every year, we celebrate more of Filipino culture. Speaker: Mr. Javy P. Manayon

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105. The need for resilience among educators has become a critical demand during the COVID-19 pandemic when in-person classes were restricted and were converted into distance learning and eventually shifted to blended learning as governments opened borders and health safety protocols eased down. Hence, this study focuses on understanding how educators of technology-based courses in public higher education across academic landscapes have navigated for continuous instructional delivery. This study utilizes the Straussian approach of Grounded Theory. This design uses a three-stage coding methodology: open, axial, and selective coding. The study generates the Theory of Educators Teaching Technology-Based Courses across academic landscapes, which postulates that educators in technology-based courses undergo phases of metamorphosis that include visioning, learning, rationalizing and doing, and modernizing, ultimately allowing them to become resilient and adaptive to the shifting landscapes of the academe caused by the COVID-19 pandemic. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1572>

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106. #USJRadvisory | Are you ready for it?USUAL TIME EXAMTIME Date of Exam (Thursday & Friday) 720AM-9:00 AM 7:20 AM-9:00AM June 29, 2023 9:00 AM-10:40 AM 9:00 AM- 10:40 AM June 30, 2023 10:40 AM - 12:20PM 10:40 AM - 12:20 PM June 29, 2023 12:20 PM - 2:00PM 12:20PM - 200 PM June 30, 2023 2:00PM -3:40PM 2:00 PM - 3:40 PM June 29,2023 3:40 PM - 5:20 PM 3:40 PM - 5:20 PM June 30, 2023 5:20PM-7:00PM 5:20 PM- 7:00 PM June 29,2023 7:00 PM - 8:40 PM 7:00 PM - 8:40 PM June 30, 2023

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107. #USJRlive | Join us today as we culminate the academic journey of our students in the junior high level for AY 2022-2023. #USJRat75 #TakingYouForwardSince1947 YOUTUBE.COM USJ-R Junior High School - Recognition Day 2023

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108. This study determined the indicators for an improved faculty accomplishment based on selected profile (age, the number of years of teaching, performance rating, and salary), Common Criteria for Evaluation or CCE (educational qualification, professional achievements, and academic experience) and Qualitative Contribution Evaluation (QCE) ratings. One hundred percent (160) of faculty with ratings in the NBC- 461 6th cycle comprised the respondent which was evidently adequate as sample based on Kaiser Meyer Olkin (KMO) results. The Bartlett s test of sphericity indicates that variables are well-defined for Principal Component Analysis (PCA). The pre-defined indicators were categorized as indexes labeled as Input-Process-Output-Outcome. Results show that change in the Outcome of HE varies depending on the variables involved in the analysis. Considering full data, data with QCE and data of senior faculty, Inputs, Processes, and Outputs significantly contribute towards an improved (Outcome) faculty accomplishment (FA). The analysis on junior faculty (JF), showed that only Inputs and Outputs were significantly affecting change on Outcome of HE. Moreover, the most significantly affecting indicators towards faculty accomplishments are performance rating, age, and number of years of teaching. Then educational qualification followed, next are professional achievement and academic experience, and lastly the QCE. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/169>

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109. Congratulations USJ-R CPA Review Center May 31 at 3:33 PM Congratulations to our PRTC Cebu face to face reviewees who passed the May 2023 Licensure Examination for Certified Public Accountants! That was one tough battle, but you proved you are tougher. Cheers to your well-deserved victory! We are very proud of you.

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110. RMRJ is made up of internationally renowned scholars in the journal's subject. They offer professional opinions on significant journal policies and content. The Editorial Team members improve and strengthen the quality, integrity, reputation, and sustainability of our publication through their field of expertise and substantial work as scientists and researchers.

The journal adheres to the COPE Code of Conduct for Journal Editors to ensure fair and unbiased appraisal, confidentiality, non-competing interest compliance, and editorial duty and accountability for all submitted articles.

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111. Happy Independence Day The 125th anniversary of Philippine Independence and Nationhood will be celebrated until 2026, with the theme Kalayaan. Kinabukasan. Kasaysayan. (Freedom. Future. History.). The flagship project of the commemoration, headed by the National Historical Commission of the Philippines, is the marking of around 100 sites, ranging from Kawit, Cavite where independence was declared on June 12, 1898, to Palanan, Isabela where President Emilio Aguinaldo was captured, an event which marked the end of the first Filipino government.125TH ANNIVERSARY OF PHILIPPINE INDEPENDENCE AND NATIONHOOD 12 JUNE 2023 KALAYAAN. KASAYSAYAN. KINABUKASAN.

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112. This study aimed to determine the predictors of subjective wellbeing among elderly. The researcher utilized a descriptive correlational design to identify patterns of relationship that existed between the variables and to measure the strength of the relationship, which in this case involved the individual variables (educational attainment, health status, employment status, and presence of stressors), family variables (marital status, family size, family income, quality of family relationship, and family support) and social characteristics (social relationships, church attendance, access to amenities/ transportation, safe environment and community participation) and the level of subjective wellbeing among the elderly. The study was conducted in the municipality of Sagbayan, Bohol, Philippines. The researcher utilized a self-made questionnaire, the Perceived Stress Scale, Spiritual Wellbeing Scale and the Satisfaction with Life Scale (SWLS) to gather the needed information relevant to the variables under study. Multiple regression and analysis of variance through the SPSS software were utilized in the treatment and analysis of the data. It was found out that the mean level of subjective wellbeing among elderly falls under the average level of life satisfaction which means that the elderlies are generally satisfied with the different aspects of their lives but there are certain domains that they would very much like to improve. The study also revealed that the significant predictive variables for the elderlies subjective wellbeing include age, health status, perceived stress, community participation, family income, and neighborhood safety. Implications of these results are noted for the development of programs and initiatives to enhance subjective wellbeing. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/116>

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113. Join our eucharistic celebration today as we give thanks to the Lord for His grace and guidance to our graduating students in the junior high level for AY 2022-2023. #USJRat75 #TakingYouForwardSince1947

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114. All appeals and complaints are to be in writing and addressed to the Editor in Chief of the RMRJ. These concerns are to be addressed by the members of the RMRJ Editorial Board. Emails are to be sent to: [recoletos\\_journal@usjr.edu.ph](mailto:recoletos_journal@usjr.edu.ph).

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115. The application of magnetic technology to agricultural productions is considered new breakthroughs to the enhancement of food production. However, studies about its application on the hydroponic system of production on high valued crops are limited. Hence, the present study assessed the effect of magnetically-treated water on the growth and yield parameters of lettuce in hydroponic system. Magnetic device with different number of permanent magnets was used to magnetize irrigation water in the hydroponic system. Uniform and healthy seedlings are transplanted and arranged completely randomized design. Magnetically treated water enhanced the growth and yield parameters of lettuce such as weekly height, leaf area, fresh weight, and root length. The height, leaf area, fresh weight, and root length increased up to 44.30%, 199.93%, 50.72%, and 37.00%, respectively vs. the control. Results revealed that magnetic treatment for water in hydroponic system has potentials to increase the growth of lettuce and consequently its yield. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/772>

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116. Prior General Fray Miguel Angel Hernandez Domiguez, OAR met with the Augustinian Recollect community in Cebu including the friars, AR sisters, school administrators, Josenian students, faculty members, and office professionals.

As the highest official in the order of Augustinian Recollects, he answered concerns raised by the audience in an open forum. Moreover, he urged the teachers to be good shepherds to the students. For the students, he encouraged them to be resilient as they live in a competitive world and find a dignified job after graduation.

The Prior General was welcomed with a series of performances from the Adelante Dance Troupe and the Liturgical Yodelers Recoletos.

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#### 117. VP FOR RELIGIOUS AFFAIRS

Rev. Fr. Arian Josef Ocheda, OAR hails from Pandan Antique and is popularly known as Fr. QQ among his colleagues. He is a graduate of AB Philosophy from Casiciaco Recoletos Seminary and of BA Theology from the Recoletos School of Theology in Quezon City. He finished both studies in 2008.

He had his Diaconal Ordination at Our Lady of Consolacion Parish-Recoletos in 2007 and had his Presbyteral Ordination two years after.

He is also finished his masters degree in Theology in 2009 at the San Sebastian College-Recoletos. From 2016 to 2018, he had his Patristicum (Latin Language) and Licentiate in Theology at Pontifical University of St. Thomas in Rome, Italy.

In 2009, he was assigned as a local procurator at Our Lady of Peace and Good Voyage Parish in Antipolo. later on, he became the Parochial Vicar of the same parish in 2012 until 2015.

He was also the Vice President for Finance and Community Liturgist during his assignment at San Sebastian College-Recoletos, Cavite City.

He pursued further studies as a foreign student at Collegio Internazionale di Santo Tommaso di Villanova from 2016 to 2018.

For Fr. Ocheda, it is but a good action to use one's God-given talent in order to help the school in a liturgical and spiritual aspect.

This 37-year-old priest is a lover of macaroni chicken salad and is also a football player. In terms of a movie, he prefers historical actions to include the movies: Brave Heart by Mel Gibson, The Patriot by Roland Emmerich, and Passion of Christ. He would take the green as his favorite color and prefers to listen to meditative music for relaxation.

[Words of Wisdom for Josenians]

We need God's grace. Let us follow the path from the saints, the teacher of our faith.

name: Rev. Fr. Arian Josef Ocheda, OAR, position: VICE PRESIDENT FOR RELIGIOUS AFFAIRS (VP FOR RELIGIOUS AFFAIRS)

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118. Mr. Jesse Sagayno Susada, University of San Jose-Recoletos, Philippines

Mrs. Milagros B. Baclayon, University of San Jose-Recoletos, Philippines

Miss Chanine F. Sevilla, University of San Jose-Recoletos, Philippines

Mrs. Ingrid S. Ramos, University of San Jose-Recoletos, Philippines

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119. Domestic production of tamarind has decreased in the country due to diseases. Tests were made on the individual efficacy of botanical extracts like plant growth promoter (PGP) and oriental herb nutrient (OHN), as well as the *Trichoderma harzianum* Rifai as a possible biocontrol agent against major fungal tamarind diseases. Using Randomized Complete Block Design (RCBD), a field setup was established with five treatments: untreated (negative control), synthetic fungicide, OHN, PGP, and *T. harzianum* having three replications per treatment. Results revealed that *T. harzianum* is an effective biocontrol agent against major fungal tamarind diseases. PGP having similar efficiency with *T. harzianum* significantly inhibited the infection and provided immediate defense from diseases. OHN is less effective due to delayed reduced infection. The research output is a significant help in the management of various diseases that is cost-effective and safe. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1413>

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120. #USJRAdvisory | Calling the attention of the ETEEAP graduates from batches 12 - 15 (AY 2014 to 2018) to please get your unclaimed yearbook in the ETEEAP Office. USJ-R Expanded Tertiary Education Equivalency & Accreditation Program June 29 at 2:16 PM ANNOUNCEMENT! Calling the attention of the graduated students in Batches 12 - 15, School Year 2014-2018 to please claim your YEAR BOOK in the ETEEAP Office. BATCHES 12 -15 SCHOOL YEAR 2014-2018 We are open on Monday-Friday 8:00am-4:30pm, and Saturday 8:00am-12:00nn. See you! ETEEAP YEARBOOK Calling the attention of the graduated students in Batches 12 - 15, School Year 2014-2018 to please claim your YEAR BOOK in the ETEEAP Office. BATCHES 12 - 15 S.Y. 2014-2018 We are open on Monday-Friday 8:00am-4:30pm and Saturday 8:00am-12:00nn. See you!

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121. The physical therapy graduate must possess the necessary competencies in manipulation as recommended by the World Confederation for Physical Therapy Guidelines for Entry-Level Education. This study aimed to investigate the inclusion of joint manipulation instruction in Philippine Physical Therapy Higher Education Institutions (HEIs) and determine the factors affecting its implementation. A cross-sectional descriptive survey was used to collect data and analyze findings. The Department Heads of government recognized physical therapy schools were invited to participate in the study and thirty-five schools responded to the survey. Results showed that there was limited inclusion of manipulation in the physical therapy curriculum of select Philippine HEIs, with lesser application of the techniques in the spine as compared to the extremities. The respondents reported that the lack of qualified faculty in their respective institutions was the primary reason for the limited

inclusion of thrust manipulation in the curriculum. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/836>

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122. This study aims to identify whether the Senior High School students are Linguistic, Discourse, Sociolinguistic or Strategic Competent in English. Quantitative and qualitative research methods were used to collate a survey that would surely mend the study. With comprehensive computation of the random datasets, almost every Senior High School student achieved a satisfactory rating in both the Perceptions and Abilities Categories. A Chi-Square Statistic was also used and yielded maximum values which consequently, resulted to low p-values, suggesting the negation of the study's null hypothesis. The result is further supported using the correlation statistic which corresponds to a high correlation between the students' Perceptions and Abilities in their speaking competence. The outcome of the summary of all competencies show that the Linguistic Competence contributed the most to the overall language intents of the students with sociolinguistic competence giving the least, which results in Linguistic Competence being the widely used language competency and sociolinguistic as not often practiced language skill amongst the students. With this, the Senior High School students are far more competent in phonetics, pronunciation, Phonology, Morphology, Syntax and Semantics rather than on the socio-cultural languages such as vocabulary, politeness and language style. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/183>

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123. According to the Department of Health (DOH, 2011), the morbidity rate for Arthritis in the Philippines is increasing and the age group of 65 years and above has the highest morbidity. Despite the fluctuations in number of reported

cases over the years, arthritis had been a rampant cause of pain to the elderly. However, therapy for this disease is considerably expensive; thus, the researchers utilized Moringa Oleifera seeds oil extract topical application as an adjunct therapy in providing relief of arthritic pain. Manual oil press was used to extract oil. The researchers conducted three trials with four assessments in various time intervals for 30 randomized samples for each group in three different localities, utilizing the true-experimental, Pretest-Posttest design. One Way Repeated Measures Analysis of Variance (ANOVA) showed p-value of 0.909 and 0.000 for Control and Experimental groups respectively. Paired T-test revealed p-value of 0.000 for Experimental group s pre-test and post-tests. T-test of independent samples however showed significant decrease in pain level only on 30 minutes and one hour after application. These results suggested highly significant decrease of pain perceived by subjects who received the adjunct therapy. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/17>

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124. This study aims to resolve the problem on the free cloud storage services. With innumerable providers, data and files are dispersed across multiple cloud repositories. Users try to have multiple accounts on the same cloud storage provider or to sign up for an account from different providers. Hence, Fuse creates an illusion of a larger capacity of data volume that will be made available for free for public consumption. With Fuse, files are consolidated and managed in a sophisticated manner to ensure data preservation and performance efficiency. This centralized cloud service is made to utilize today s emerging cloud services such as Google Drive, Dropbox, and Box. With 1 account, users will be able to store files online and access them anywhere with larger storage capacity than what is available today. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/202>

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125. This paper exposes the pseudoscientific characteristic as well the moral issue of traditional and alternative medicines in the Philippines by employing textual analysis of literature published about the nature of traditional and alternative medicine and the distinctions of science from pseudoscience anchored primarily on Karl Popper s falsifiability theory. Specifically, How traditional and alternative medicines are perceived and received by Filipinos? and What are the underlying moral issues regarding the pseudoscientific characteristic of traditional and alternative medicines? Discussions like these are necessary in order to identify how traditional and alternative medicine information is communicated through product advertising, practices and the media, which is significant for consumers in making right decisions. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/133>

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126. In an era known as the green movement where businesses are attracted to produce environment-friendly goods, it is inevitable that additional costs are needed which are referred to as the green premium in this study. This simulation model aims to predict the number of customers who would continually patronize the business in spite of the premium. It is worth noting that the buyer s willingness and awareness should form part of the picture. It is then determined that there is only a minimal number of customers who will remain loyal hence, giving rise to businesses implementation of strong green marketing strategies. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/12>

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127. In the Philippines, a mixture of public and private higher education institutions (HEIs) exists. Because of the government subsidy among the public HEIs, the major concern of the private sector is the uneven playing field . This study hopes to eliminate this unhealthy competition and market distortion in the educational landscape. This study utilizes the quantitative non-experimental retrospective explanatory design. Results show that regardless of the extent of state intervention, the market can be distorted. Hence, assigning specific programs to be offered based on the type of HEI is a good alternative. The programs to be fully subsidized and offered by the government are agriculture, sciences, engineering, manufacturing and construction, and humanities and arts (HA) while services, health and welfare, education and social sciences, business and law programs will be for private sector service providers. This stimulates healthy competition among the HEIs leading to a better link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/977>

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128. The image of Our Lady of Mt. Carmel from the Santuario Arquidiocesano de Nuestra Se ora del Carmen, La Limpia was showcased to the public in a solemn foot procession this afternoon on the streets of Barangay Ermita.

Flowers drop as the Image passed by the University of San Jose - Recoletos.

Her feast day is tomorrow, July 16. The pontifical mass will be held at 4:00PM.

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129. This is the title

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130. A Moving-up Ceremony was held at the Recoletos Coliseum on the first day of June to celebrate the accomplishment of our Grade 10 completers. It was attended by the school administrators, teachers, parents, guardians, and friends of the completers. --- Enrollment in the USJ-R Junior High School is ongoing. Click here to learn more: <https://www.facebook.com/media/set/?set=a.10160522283548351&type=3> #USJRat75 #TakingYouForwardSince1947

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131. UNIVERSITY OF SAN JOSE-RECOLETOS  
COLLEGE OF INFORMATION, COMPUTER AND COMMUNICATIONS TECHNOLOGY  
BASAK CAMPUS, CEBU CITY  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE  
(EFFECTIVE 2015-2016)

(Ladder type Curriculum-First two years)

ASSOCIATE IN COMPUTER TECHNOLOGY (ACT)

ID NO.

NAME

ADVISER

BATCH NO.

CONTACT NO./ E-MAIL AD

FIRST YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

COMP 1 Introduction to Computing 3 None

PROG1 Computer Programming 1 3 None

MATH 1 College Algebra 3 None

MATH 2 Plane Trigonometry 3 None

ENGLISH 1 Study and Thinking Skills 3 None

REED 1 Revelation and Faith 3 None

PE 1 Physical Fitness 2 None

ROTC/CWTS 11 Reserved Officer Training Corps/Civic Welfare Training Service 3 None

GUIDANCE 1 Adjustment to College Life Phase 1 0 None

23

FIRST YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

DISCRETE 1 Discrete Structures 1 3 MATH 1

PROG2 Computer Programming 2 3 PROG1

WEB Web Development 3 COMP 1

MATH 4 Analytic Geometry 3 MATH1, MATH2

ENGLISH 2 Writing in the Discipline 3 ENGLISH 1

REED 2 Christology 3 REED 1

PE 2 Rhythmic Activities 2 PE 1

ROTC/CWTS 12 Reserved Officer Training Corps/Civic Welfare Training Service 3 ROTC/CWTS 11

GUIDANCE 2 Adjustment to College Life Phase 2 0 GUIDANCE 1

23

SECOND YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

DISCRETE 2 Discrete Structures 2 3 DISCRETE 1

DATASTRUCT 1 Data Structures and Algorithms 3 PROG2

DIGITAL Digital Logic Design 3 COMP 1  
MATH 6 Differential Calculus 3 MATH 4  
ENGLISH 3 Speech Improvement & Oral Communication 3 ENGLISH 2  
CHEM 1 General Chemistry (Lec/Lab) 3 None  
REED 3 Church and Sacraments 3 REED 2  
PE 3 Individual/Dual Sports/Games 2 PE 2

23

## SECOND YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

ALGO Analysis and Design of Algorithms 3 DISCRETE 1, DATASTRUCT 1  
OOP Object Oriented Programming 3 DATASTRUCT1  
IM 1 Information Management 3 DATASTRUCT1  
COMP-ORG Computer Organization and Architecture 3 DISCRETE 1, DATASTRUCT 1  
MATH 7 Statistics and Probabilities 3 None  
ENGLISH 4 Philippine Literature 3 ENGLISH 2  
REED 4 Christian Morality 3 REED 3  
PE 4 Team Sports/Games 2 PE 3

23

SUMMER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

QM Quantitative Methods 3 MATH 7  
SP Social Issues and Professional Practice 3 None  
HCI Human Computer Interaction 3 PROG 2

9

## THIRD YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

AUTOMATA Automata Theory and Formal Languages 3 ALGO  
NET 1 Data Communications and Networking 3 PROG 2, DIGITAL  
CS ELEC 1 CS Elective 1 3 ALGO  
SOFTENG1 Software Engineering 1 3 IM1, OOP  
APPSDEV 1 Applications Development and Emerging Technologies 1 3 OOP  
OS Operating Systems 3 COMP-ORG  
ACCTG A Fundamentals of Accounting 3 None  
FILIPINO 1 Komunikasyonsa Akademikong Filipino 3 none

24

## THIRD YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

PL Programming Languages 3 DATASTRUCT 1  
SOFTENG 2 Software Engineering 2 3 SOFTENG1  
CS ELEC 2 CS Elective 2 3 OOP  
TECHNO Technopreneurship 3 ENGL 3, 3rd YEAR STANDING  
RESEARCH Methods of Research in Computing 3 SOFTENG 1  
HUMANITIES 1 Art Appreciation 3 None  
FILIPINO 2 Pagbasa t Pagsulat tungosa Pananaliksik 3 FILIPINO 1  
PHYS 1 College Physics 1 (Lec/Lab) 3 None

24

SUMMER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

PRAC Practicum 3 4th YEAR STANDING

3

FOURTH YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

POLSCI 1 Phil.History, Government and Constitution 3 None

CS ELEC 3 CS Elective 3 3 CS ELEC 2

THESIS 1 CS Thesis Writing 1 3 RESEARCH

APPSDEV2 Applications Development and Emerging Technologies 2 3 APPSDEV 1

ITREVIEW Certification Exam Review 3 4th YEAR STANDING

PHILO 1 Logic 3 None

ECON 1 Economics with Taxation and Agrarian Reform 3 None

SOCIO 1 Society and Culture 3 None

24

FOURTH YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

IAS Information Assurance and Security 3 IM 1

THESIS 2 CS Thesis Writing 2 3 THESIS 1

SEMTOUR Seminars and Tours 3 4th YEAR STANDING

PSYCHO 1 General Psychology w/ Drug Addiction and Prevention 3 none

RIZAL Life, Works and Writings of Dr. Jose Rizal 3 None

15

IMPORTANT GUIDELINES:

The student is NEVER ALLOWED to enroll in a subject without having finished/passed the subject s pre-requisites. The department may

not give credit to subjects not taken in the proper order.

The student is eligible to enroll PRAC1, ITREVIEW and SEMTOUR after completing 70% of the total number of units (MAJOR

COURSES) in the curriculum.

The student is required to render full-time

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132. #USJRlive | Witness our Grade 12 students conclude their academic journey today at the Recoletos Coliseum. This is the sixth commencement exercises for the USJ-R Senior High School Department. #USJRat75 #TakingYouForwardSince1947 YOUTUBE.COM USJ-R Senior High School - 6th Commencement Exercises

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133. The ASEAN from its original purpose of conception has evolved into what it is envisioned now of integrating the 10 individual economies into a single regional economy. Its traditional practice of consensus and consultation poses a challenge and as a factor in lagging behind the development of its implementation. But what state from among the ten members is the best candidate to lead the organization remained to be a question. This research explores the possibility of determining the potential leader of the organization by considering several variables like corruption perception index, global competitiveness, government effectiveness, GNI, etc. and utilized the process known as exploratory data analysis or data mining in gathering data. Data gathered were then processed through the use of statistical software to cluster the variables. Cluster analysis was then performed to establish relevant relationships, similarities, or differences of the data collected. Results and data gathered from several relevant studies about the topic were also collectively analyzed to determine the gap of perspectives from other notable scholars and to gain new insights to fill in that gap. Based on this method of analysis, it was revealed that there s a single country that stands out from the rest and is the best

candidate to lead the ASEAN Integration. A new paradigm shift is beginning to surface from collective to a single leadership. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/108>

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134. Employee retention is one of the human resource management (HRM) issues. This study determines the factors that significantly influence employee retention amidst the COVID-19 pandemic. The study employs complete enumeration and uses primary data. After which, the results are analyzed using descriptive statistics and econometric modeling. Results reveal that employees are satisfied to do their respective jobs ( $M=4.09$ ,  $SD=0.48$ ). In addition, they show that the determinants such as other income ( $p\text{-value}=0.024$ ), length of service ( $p\text{-value}=0.099$ ), as well as reward and recognition ( $p\text{-value}=0.015$ ), are significant influences to employees' retention. Hence, these conclude that better remuneration (and the increase thereof) are more likely to retain existing employees and attract employees from other organizations. Furthermore, the study specifically recommends that employee retention be improved by further refining reward and recognition that surely meet the needs and well-being of the employees. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1070>

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135. Rev. Fr. Roy Baluarte, OAR was ordained as a priest in December 2009 at Our Lady of Consolacion Parish in Quezon City. After which, he was immediately assigned as the assistant Parish Priest in the island of Casian, Palawan.

He earned his degree on BA in Sacred Theology at Pontifical and Royal University in Sto. Tomas University and earned his Masters degree in Sacred Theology at San Sebastian College-Recoletos in Manila, in 2007.

In 2014, he was assigned as a missionary in Africa.

Prior to his assignment in USJ-R, he was assigned as the Spiritual Director of Sto. Tomas de Villanueva -Recoletos Formation House. He took charge of the seminarians' monthly confession. At the same time, he was also the school chaplain who administered the daily mass and students' monthly recollection. He also taught Religion education to senior high school students in 2016.

On a lighter note, Fr. Baluarte is a fan of Latino music, particularly of the Spanish artist Enrique Iglesias. He also shared that he really likes sky blue because it is a Marian hue.

Surprisingly, he is not into movies and would rather choose reflection books for pastime. Moreover, he is into table tennis for physical exercise.

Sports is about a lot of things. It can help one release tension, develop a healthy lifestyle, bond with friends, and aids for formation character, he explained.

As the new VP for Religious Affairs, he advises the students to value their studies.

As students, even if you're driven by so many passion, learn to prioritize, focus, and sacrifice, he said.

He also envisions centralization for scholarship and to strengthen the university's athletics particularly enhance the skills of the athletes.

[Words of Wisdom for Josenians]

Let our knowledge beyond scaffolding, beyond edifice.

name: Rev. Fr. Roy Baluarte, OAR, position: VICE PRESIDENT FOR STUDENT WELFARE (VP FOR STUDENT WELFARE)

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136. The complexity of financial reporting highlights the need for professional skepticism among auditors. This study

examined the relationship between auditors' professional skepticism (PS) and thinking styles (TS) and explored what associations exist among PS, TS, and auditors' sociodemographic attributes. Using snowball sampling, we surveyed 139 auditors in the Philippines using the Thinking Styles Inventory - Revised II and the Professional Skepticism Scale. Confirmatory analysis using Kendall's tau-B showed a strong correlation between PS and TS I (creativity-generating style), implying that it plays a prominent role in professional skepticism. Contrary to earlier studies, our study found only a moderate correlation between TS II (norm-favoring style) and PS. The k-Modes clustering algorithm revealed that auditors showing high PS were low-ranking, less-experienced licensed female CPAs in firms with global affiliations and manifesting creative-generating TS. These findings add to the accounting profession's understanding of PS and may be of valuable help in cultivating PS among auditors. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1320>

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137. Science research culture in basic education can be associated with science investigatory projects (SIPs). In relation to this, the paper establishes a theory on the development of SIP culture in basic education utilizing theory generation through axiomatic deductive approach based on steps prescribed by R. Padua (personal communication, November 17, 2014) which creates the theory that basic education institutions contribute to high productivity in SIPs. Simply because humans and non-human resources along with quality Science instruction are needed to yield such productivity. These attributes, resources, and Science instruction foster SIP culture. These are crucial aspects as schools capacitate students and teachers, produce the SIPs, and eventually disseminate these projects in science fairs. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1086>

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138. Research is a priority in higher education institutions. Considering that the development of research culture is highly influenced by the paradigm by which institutions operate on, this paper sought to identify the configuration of the research culture. The researcher conducted a narrative inquiry with key informants from seven reputable teacher education institutions in Region VII and coded the interview transcripts with the aid of NVIVO 11.3.2. Using Thematic Analysis (Braun and Clarke, 2006), three overarching themes on the configuration of the research culture, with its corresponding attributes and characteristics, were identified. The results showed that the research culture consists of observable and measurable inputs and outputs that interact in internal and external dynamics that are developmental and systemic, leading to standardized and contextualized practices in a teacher education institution. Therefore, research culture is an investment, a process, and a norm as it is evidence-based, dynamic, and distinct to the academic institution. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/861>

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139. This study is a validation of the varied parameters of global competitiveness level of the ASEAN countries. Government effectiveness (GE) and corruption control (CC) are the direct predictors and independent variables while global competitiveness (GC) is the response variable. The determined causal factors affected by government effectiveness and corruption control are human development (HD) and enabling trade facilitation (ETF) which have varied impacts to global competitiveness. The researcher utilized a path analysis where 6 path models were established from the predictors (x) to its response variable (y) to determine which among these factors creates a huge impact. Path coefficients were generated and the summation of value effects was determined. Findings revealed that government effectiveness and corruption control were substantial elements that influenced the dynamism and vitality of global competitiveness landscape. However, GE has a strong direct effect to GC as compared to CC and from amongst the indirect effects, the correlation between GE and HD relative to GC has the highest path coefficient. The existing economic and political conditions of the individual ASEAN member countries reflected by the implications of the raw data collected are seen as an impediment to a more collective performance. Hence, this study implies a two-fold re-evaluation and strengthening of the policy formulation and implementation individually and collectively as a regional bloc. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/172>

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140. Peer review (also known as refereeing) is the process of subjecting an author's scholarly work, research, or ideas to the scrutiny of others who are experts in the same field. It requires a community of experts in a given (and often narrowly defined) field who are qualified and able to perform impartial reviews. Likewise, it also refers to the work done while screening submitted manuscripts and funding applications. This normative process encourages authors to meet the accepted standards of their discipline. It prevents disseminating unwarranted claims, unacceptable interpretations, and personal views. Peer review increases the probability that weaknesses will be identified and fixed. For both grant funding and publication in a scholarly journal, it is also usually required that the subject be both novel and substantial.

Reviewers and editors are responsible for providing a constructive and prompt evaluation of submitted research papers based on the significance of their contribution and the rigors of analysis and presentation.

There are two or three referees for a given article. Two are experts on the topic, and one is an expert in research and statistics who shall review the technical components of the research. These referees revert the evaluation of the work that indicates the observed weaknesses or problems along with suggestions for improvement. The board then evaluates the referees' comments and notes the opinion of the manuscript before passing the decision with the referees' comments back to the author(s).

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141. ce in Information System (BSIS or IS), link:  
[https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSIS-2015\\_2016-v1.0.pdf](https://usjr.edu.ph/wp-content/uploads/2016/11/Prospectus-BSIS-2015_2016-v1.0.pdf)

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142. #JosenianPride | A Josenian lawyer becomes the first woman elected as chair of The Hague Conference on Private International Law (HCCH) in the Netherlands! Meet Atty. Marisar Ivy Cabatingan, third secretary and vice consul of the Philippine Embassy in The Hague. She was elected as chair of the Standing Committee of the Council of Diplomatic Representatives of HCCH on May 23, making her the first woman to assume the post. The HCCH is an intergovernmental organization that administers international conventions related to private international law. Cabatingan is an alumna of University of San Jose-Recoletos School of Law Philippine Embassy in The Netherlands May 29 at 1:24 PM PH EMBASSY S OFFICIAL MAKES HISTORY AS FIRST WOMAN ELECTED AS CHAIR OF HCCH STANDING COMMITTEE Atty. Marisar Ivy Cabatingan, Third Secretary and Vice Consul of the Philippine Embassy in The Hague, was elected Chair of the Standing Committee of the Council of Diplomatic Representatives (CDR) of the Hague Conference on Private International Law (HCCH) during the 69th meeting of the CDR on May 23 at the Peace Palace in The Hague. We thank the members of the Council for the trust and confidence they have reposed on Ms. Cabatingan. The Philippines is pleased to further contribute to the work of the HCCH through her, Ambassador J. Eduardo Malaya said. This development demonstrates the country's proactive engagement with international legal organizations and commitment to the vital role of the HCCH. Atty. Cabatingan is the first woman to assume the Chairmanship of the CDR Standing Committee. She previously served as CDR s Vice Chairperson since May 2022. She is an alumna of the University of San Jose Recoletos College of Law in Cebu. Embassy of Poland s First Secretary Paulina Dudzik was also elected as Vice Chair of the Standing Committee of the CDR, which demonstrated the commendable efforts of the HCCH in ensuring geographical representation and gender balance within the leadership roles of the organization. The HCCH is an intergovernmental organization that administers international conventions related to private international law. The Philippines has acceded to several conventions under the HCCH, including the Inter-Country Adoption Convention, the Convention on the Civil Aspects of Child Abduction, the Apostille Convention, the Service Convention, and the Child Support Convention. With a membership of 91, consisting of 90 States and one regional economic integration organization (the European Union), the HCCH facilitates cooperation among nations in the aspects of private international law. The HCCH-CDR comprises Ambassadors of the HCCH Member States or their designated representatives and serves as the supreme authority in matters of finance and budget within the HCCH. It exercises oversight on financial administration and is chaired by the Netherlands Minister of Foreign Affairs. The Standing Committee, on the other hand, which is led by a member elected from the CDR, supports its work and deliberates on financial and budgetary concerns raised by any Member State or the HCCH Secretary General. // END

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143. Man s basic attitude towards reality determines his end. Man either opts to accept reality and becomes an optimist or denies and becomes a pessimist. The study presented the reality of human experience. And these experiences of human reality all boil into the experience of one s self and become a test of subjectivity. In the history of philosophy of Man, this outlook into the experience of the self develops into three stages: first, dualism propagated by the Greeks and Aristotle turned into second, monism which extremely focused on one aspect of human reality in relation to man, then, turned into pluralism which views various aspects of man in relation to the kind of society that becomes the by-product of such development and yet makes the identity of man more complicated. In the history of philosophy, human consciousness was so caught up in dualism between body and spirit-mind that became an issue for philosophers like the Greek such as Socrates, Plato and Aristotle and followers such as Augustine, Aquinas, Descartes and others until it split into extreme monism of either materialism or intellectualism-spiritualism developed into more complex pluralism that resulted to a pluralist society. Hence, there is a call for unity especially for existential-phenomenologist in order to gather and link every piece of event and experience into a complete history of human reality as well as to form this experiential event called humanity. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/206>

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144. TALAVERA HOUSE OF PRAYER

Rev. Fr. Domingo E. Saladaga, also known as Fr. Sandy, is a Cebuano who hails from Capitol Site, Cebu City.

He earned his college degree in 1983 at Seminario Mayor-Recoletos in Baguio City. Then, he had his masters degree in Psychology at the University of San Jose-Recoletos.

He spent his novitiate and simple profession at Seminario Mayor-Recoletos from 1983 to 1984. Later on, he had his solemn profession in 1987 at the Agustinos Recoletos in Navarra, Spain.

Fr. Saladaga was ordained as a Deacon on November 13, 1987 in Spain and had his Sacerdotal Ordination on October 16, 1988 at Our Lady of Mount Carmel Parish-Recoletos in Cebu. Due to his exposure in the West, Fr. Saladaga knows how to speak in English, Spanish, and Portuguese.

In 1988, he was first assigned as an Assistant to the Vicar Provincial of Bahay Toro in Quezon City. Six years after, he became a missionary of Prelature of Labrea in Labrea, Amazon, Brazil. He was then assigned as the Parish priest in Carmel-Parish-Recoletos in Cebu City in 2001 and became the Local Prior/Parish Priest in Consolation Parish-Recoletos in Cavite City.

After being assigned as a parish priest, he also served as the Vice-President for Finance in San Sebastian College-Recoletos in Cavite City in 2012 and was also the Assistant Parish Priest and Local prior in 2015 at the Our Lady of Peace and Good Voyage Parish-Recoletos in Delpan, Tondo, Manila.name: Rev. Fr. Domingo E. Saladaga, position: TALAVERA HOUSE OF PRAYER

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145. In the Philippines, farming communities produce copra using traditional open sun drying method that could be severely affected by heavy rainfall, temperature change, and intermittent sunshine, which could cause high microbial infection to the product. On the other hand, kiln drying may avoid these circumstances. However, smoke deposits in the finished product still cause farmers to have low-quality grade copra. Keeping this in view, an indirect heat copra dryer with phase changer (IHCDPC) was designed, fabricated, and evaluated in the hopes of providing farmers an alternative approach in drying copra, which may yield to producing a high-quality grade product. The developed IHCDPC was able to reduce the moisture content in fresh coconut meat from 57.4% w.b. to about 7.2% w.b. for a drying time of twenty-five hours. The IHCDPC was found out to have a thermal efficiency of 30.87%. The copra produced were graded as 84% MGC1, 13% MGC2, and 3% MGC3. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/619>

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146. Human Immunodeficiency Virus (HIV), which can be spread by people's lifestyle, causes Acquired Immune Deficiency Syndrome (AIDS). Social lifestyles such as multiple sexual partnerships, commitment, protected sex practices, and health checkups are lifestyle factors that can impact on the rate at which entry into any of the epidemiologic compartments S, I or D (death) slows or accelerates. Functional relationships between these social parameters and the disease parameters determined the model developed in this study and used predictive agent-based model to simulate the level of spread of HIV cases in Cebu with base data of the risky lifestyle of BPO agents in the region that could make them vulnerable to infections. Simulation results revealed that there is a rise on the incidence of HIV infections every year, which could become an epidemic in the future if no immediate intervention will be done. This high incidence of HIV cases in Cebu as evidenced by simulation results reflect the lack of awareness, prompt action, and policy in Cebu City with regards to mitigating the spread of the virus. Sans any intervention, the incidence of HIV infection can accelerate further in the future. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/106>

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147. Most studies about organizational citizenship behavior (OCB) focus on particular actions that employees, supervisors, or owners of organizations should exhibit. To encourage OCB in service-oriented Filipino organizations, this paper proposes a classification of OCB antecedents collected from the literature in theory and industry practice. By using the stakeholder and self-efficacy theories, the proposed four clearly defined categories point out whether these antecedents are employee-led, leader-led, organization-led, or HR-led initiatives. Since it would be burdensome for an individual to know all the factors that may influence OCB, categorizing these antecedents will help the individual to identify the behavioral aspects that he or she has control over. Managerial implications are also discussed. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1229>

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148. National Culture Consciousness Week Catch us this afternoon as we explore the treasure of culture and heritage, as well as see how we can interpret these treasures and integrate them in our leisure activities such as tours! Joining us

is Ms. PG Guba, a seasoned tour guide as well as strong culture and heritage advocate.

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149. ICYMI | Enrollment is ongoing. Checkout out this article to learn more about college admission and enrollment schedule for AY 2023-2024. USJR.EDU.PH Josenian College Admission Test for 2023 qualifiers now open - University of San Jose - Recoletos

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150. Forecasting plays a critical part in implementing effective tourism management strategies. However, the role of tourism forecasting is not extensively studied in the Philippines, which is a key tourism destination in Southeast Asia. To address such gap, this paper explores the dynamics of tourist demand in the Philippines through a case study. It illustrates the tourist arrival using a SARIMA model. Results show that the adopted methodology was able to capture the dynamics of the tourist demand in the Philippines. By providing lenses to the Philippine tourism case, this paper would help shed light to the gaps in the literature's current understanding of tourism in the Philippines. Moreover, these findings would be beneficial for stakeholders in shaping policies, strategies, and other tourism initiatives. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/817>

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151. A manuscript is accepted when

it is endorsed for publication by at least two referees,

it substantially complies with the instructions of the reviewers;

it complies with the ethical standards and protocols with studies involving humans and animals;

the manuscript passed the plagiarism detection test with a score of at most 10% Similarity Index and a Grammarly Rating of 95% or more. Otherwise, the manuscript is returned to the author(s).

The referees' evaluations include an explicit recommendation of what to do with the manuscript, chosen from options provided by the journal. Most recommendations are along the following lines:

Accept without revisions

Accept with minor revisions

Accept with major revisions

Reject with the option to resubmit

Reject

In situations where the referees disagree substantially about the quality of work, there are several strategies for reaching a decision. When the editor receives positive and negative reviews for the same manuscript, the board will solicit one or more additional reviews as a tie-breaker. In the case of ties, the board may invite authors to reply to a referee's criticisms and permit a compelling rebuttal to break the tie. Suppose the editor does not feel confident in weighing the persuasiveness of a rebuttal. In that case, the board may solicit a response from the referee who made the original criticism. In rare instances, the board will convey communications between an author and a referee, thereby allowing them to debate on a point. Even in such a case, however, the board does not allow referees to confer with each other, and the goal of the process is explicitly not to reach a consensus or to convince anyone to change his/ her opinions.

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152. The mathematics educators are looking for innovations that remediate the errors committed by the students in solving math problems. In seeking for solutions, we apply the Student Self Assessment (SSA) method and Newman Error Analysis (NEA) method to circumvent these errors. The SSA is a strong formative educational tool that enhances selfconfidence to become more independent in assessing their work. While, NEA serves as a powerful classroom diagnostic assessment to identify the skills of the students. It enables the teacher to devise and apply more appropriate teaching strategies and procedures that ignite the students' interest towards the subject. Out of the 179-students participating in the action research project, we discover that most of the error patterns are due to lack of understanding and transformation skills in solving word problems. With this result, the students encounter language difficulty and immature computational skills. To this end, the investigation and remediation of common math errors was a success in improving and achieving the learning goals and promotes positive behavioral changes towards the subject. The realization of these outcomes is through the inclusion of SSA and NEA. To sustain the learning goals of the students, it should be properly facilitated to come up with a fruitful learning process. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/14>

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153. The paper aimed to devise an alternative algorithm for solving system of linear congruences. This algorithm is an extension of the algebraic algorithm which is an alternative method for finding



solutions in linear congruences. The basic idea of the technique is to convert the given linear congruences into linear equations and solve them algebraically. The advantage of this algorithm is the simplicity of its computations and its applicability to systems of linear congruences where the conditions of the Chinese Remainder Theorem that the moduli  $m_1, m_2, \dots, m_n$  should be pairwise coprime is not satisfied. Some illustrative examples are given to show validity of this method for solving system of linear congruences. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/13>

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154. #USJRadvisory | Josenian graduates have until July 31, 2023 to back-up the files that they stored in their USJ-R email and Google drive accounts. After the said date, the IT Department will deactivate the accounts in order to optimize the University's data storage. USJR.EDU.PH USJ-R encourages graduates to back-up Google Drive content until July 31 - University of San Jose - Recoletos

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155. Depressive symptomatology is among the major psychological problems experienced by adolescents. Sex differences in the occurrence of depressive symptoms have likewise been extensively reported in literature. However, a great majority of related research have primarily been carried out in the Western context. Hence, we conducted a study to identify the prevalence of depressive symptoms among Malaysian adolescents, and to determine its relationship with certain risk factors as well as the potential moderating role of sex. The sample comprised 964 adolescents from 20 secondary schools across Malaysia. Using logistic regression, results demonstrated that stressful life events and maternal verbal aggression significantly predicted symptoms of depression. In the moderation tests, sex significantly interacted with stressful life events and parental verbal aggression in predicting depressive symptoms. Hence, there is evidence to suggest that the depressogenic impact of stressful life events and parental verbal aggression on depressive symptomatology differs between male and female adolescents. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/680>

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156. This is the title

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157. The image of Our Lady of Mt. Carmel from the Santuario Arquidiocesano de Nuestra Se ora del Carmen, La Limpia was showcased to the public in a solemn foot procession this afternoon on the streets of Barangay Ermita.

Flowers drop as the Image passed by the University of San Jose - Recoletos.

Her feast day is tomorrow, July 16. The pontifical mass will be held at 4:00PM.

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158. This paper argues that contrary to some critics, Augustine, the philosopher and pillar of the Catholic faith, did tackle resurrection [of the flesh or body] by examining some of his writings. The author traces the development of Augustine's interpretation of the resurrection of the body by examining the context and some texts in four of his works, namely, *De fide et symbolo*, *Opus imperfectum contra Julianum*, *De Catechizandis Rudibus*, and the *Enchiridion*. The researcher investigates further on: (a) Augustine's understanding of the resurrection of the flesh in the Creed, (b) the developmental understanding of resurrection of the flesh from the different representative texts enumerated above, and (c) the theological conclusion that one could infer from the investigation whether or not it is in consonance with the present understanding of Augustine and the present formulation as theologically accepted in the present time. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/146>

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159. Witness our completers for AY 2022-2023 culminate their junior high school life and be endorsed to the senior high school. #USJRat75 #TakingYouForwardSince1947

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160. Tourism professionals expect universities to produce graduates who could deliver and perform functions based on industry standards. Universities have long integrated International Placements to heighten student competencies, bridge the gap between theoretical awareness and industry practice, and meet the expectations of the practitioners. However, there have been reports of unfavorable encounters of students on placement abroad such as being homesick, feeling out of place, and difficulty in reconciling expectation-reality gaps. These are the key issues that hinder students from optimizing international exposure programs and compromise the quality of their learning. A phenomenological study was used to examine the lived experiences of the tourism and hospitality management students on international placement. An in-depth interview was conducted as the primary source of data collection. The data were coded and analyzed according to the research questions. The research resulted in three (3) major themes which emerged out of the experiences shared by the student interns: 1.) struggles experienced in foreign country; 2.) skills/strategies to cope with the adversities; 3.) interns communication practices. The results of this study served as the basis in enhancing the e

161. According to Clayton Christensen's Disruptive Innovation Theory, upstarts eat up market share often with innovative and more affordable products and soon become the new market leader. Christensen sees its relevance in many aspects of human endeavor including in education. Cheaper online education is said to be disruptive of colleges offering expensive classroom-based modes of instruction. This concern was highlighted in a forum held in Russia and attended by education leaders around the globe. Other scholars, however, dispute this. For them, it is the interruptions to the totalizing attempt of most scholarships and not the impact of technological innovations that is disrupting education. This paper supports this view, especially from the standpoint of developing countries long shackled by western-oriented paradigms. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/16>

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162. The concepts of morality and religiosity have been associated with each other in a manner that these two co-exist and they are of equal importance for a human person's eventual ideal character. Accordingly, moral philosophy teaches that a person's moral foundation can be linked to his spiritual foundation and vice versa as one of religions' thrusts is to construct the moral fibers necessary for man's ethical existence. A human person's spirituality and morality are substantial parts of his nature that he has to learn, nourish and value them so that he may develop into an ideal human person that he is supposed to be. He does not only have to indoctrinate and inculcate one of which and despise the other. This paper generally talks about the notions of Morality and Religiosity. Further, it also discusses on the interrelation of the two as the human person applies the same to actual convictions in life. Finally, a category is presented on what a person should ideally be as the two concepts are intertwined. This paper utilized the expository-descriptive type of research. Books, articles and other similar write-ups from the library, internet and other sources coupled with observations in the experiential world were the primary references. Such method was facilitative in the full realization of this research paper. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/113>

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163. COVID-19 has disrupted the education system globally, leading education institutions to migrate into remote learning. This study on online learning readiness and competence was conducted among management students on their perceptions on the importance of, and the confidence level of their online learning competence factors. Using the Student Readiness for Online Learning (SROL) instrument, the results show that the students consider Technical Competence as very important and that they are somewhat confident with their online learning competence. Both perceptions of the importance of the online competence factors and competency levels significantly correlate with the students' self-report of whether or not they have learned in the course. Among the eight online learning challenges, the students find the lack of technical skills in using online learning as the least challenging. This study concludes with the recommendations that pedagogical and technological interventions be pursued to address the inadequacies in the online teaching-learning process. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/967>

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164. Using a camera for measurement reading is simplified through the incorporation of computer vision application. The variations in the environment's setting, however, may constitute to the occurrence of measurement errors. A study investigated the significant effect of changing the camera-to-lens displacements and the variations of the illumination level on the short-distance measurement reading. This is performed initially by developing an actual setup calibrated through the comparison with the hypothesized values. Then, an experiment on this calibrated setup generates the measurement results of varying the displacement positions and the illumination levels. Through descriptive and comparative statistical analysis, there is evidence that the variations of the displacement alone do not significantly change the measurement results. Similarly, the variations in the illumination levels do not also constitute significant changes on the measurement results. Hence, each of the variables bears no contribution on the occurrence of the measurement error of using camera. It is further confirmed through the two way analysis of variance that there is no significant difference on the displacement positions and illumination levels, and on their interactions. These results verified that a camera can be used as a short-distance measurement tool adequately regardless on the object-to-lens displacement positions and on the illumination levels. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/199>

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165. St. John's Gospel begins with a prologue, serving as an overture to the whole Gospel. This paper investigates the philosophical notions embedded in the first three lines of John 1:1. The inquiry focuses on whether or not the accepted meaning of this line as "indicating timeless existence" can be deduced from John 1:1 and whether or not John 1:1 also indicates the meaning of the "principle of creation." This paper proceeds to make this inquiry in the following order: Introduction; The questions arising in John 1:1; Word as God is eternal, outside time; "In the beginning" as predicate;

"The Word was in the beginning"; Timeless existence and the verb was; The Word as God is a principle of creation (which included the distinction between the concepts of anthropological intentionality and metaphysical intentionality); and Conclusion. This paper concludes by affirming the two questions on timeless existence and the principle of creation. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/986>

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166. Alumni of the USJ-R Dramatics and Cultural Ensemble-ALLEF together with former CAS Dean Dr. Mila Espina paid a courtesy visit to University President Rev. Fr. Eduardo Celiz Jr., OAR and Property Administrator Rev. Fr. Leander Barrot, OAR.

They discussed how to set up a centralized system in order to ensure not only the quality of Josenian performers but also the storyline of the future shows.

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167. Candidates for graduation in the senior high school level gather at the Recoletos Coliseum this afternoon for a Thanksgiving Mass. Their graduation ceremony will be held tomorrow morning. It will be streamed live through the USJ-R YouTube Channel. #USJRat75 #TakingYouForward1947

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168. Dr. Agnes C. Sequino, University of San Jose-Recoletos, Philippines  
Dr. Ravindra C. Joshi, CABI-SEA, Malaysia  
Dr. Erwin Faller, San Pedro College, Philippines  
Enrique G. Oracion, Ph.D., Silliman University, Philippines  
Dr. Jay P. Picardal, Cebu Normal University, Philippines  
Dr. Roger Lincoln Radix, St. George University, University Center Grenada, United States  
Dr. Gaurang Dattubhai Rami, Veer Narmad South Gujarat University, India  
Dr. Brian A. Vasquez, Majmaah University, Kingdom of Saudi Arabia  
Dr. Diane Bandow, Troy University, United States of America  
Dr. Glenn G. Pajares, University of San Jose-Recoletos, Philippines  
Dr. William J. Heisler, Troy University, United States of America  
Dr. Lanndon A. Ocampo, Cebu Technological University, Philippines  
Dr. Rene M. Odendaal, University of South Africa, South Africa  
Dr. Robert Halliman, Austin Peay State University, United States of America  
Dr. Mohammed Seghir Halimi, University of Kasdi Merbah Ouargla, Algeria  
Dr. Djuwari Djuwari, Universitas Nahdlatul Ulama Surabaya (UNUSA), Indonesia  
Assist. Prof. Dr. Faruk Kokoglu, Mugla University, Turkey  
Dr. Nathaniel A. Adebayo, The Polytechnic, Ibadan, Nigeria  
Dr. Anthony M. Penaso, Caraga State University, Philippines  
Dr. Slawomir Jablonski, Institute of Psychology, Adam Mickiewicz University, Poznan, Poland  
Roberto B. Corcino, Ph.D., Cebu Normal University, Philippines  
Jovito C. Anito Jr., Jose Rizal Memorial State University, Philippines  
Imee C. Acosta, Ph.D., Virginia Commonwealth University Qatar, Doha, Qatar  
Bonjovi H. Hajan, Jos Rizal University, Philippines  
Roy Francis Navea, Ph.D., De La Salle University, Philippines  
Jony V. Berjes, DM, The University of Suwon, South Korea

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169. USJ-R VP Finance - Accounting Office June 2 at 11:49 AM Tuition Fee Cash Discount Offer for Summer 2023 "Get a 2% cash discount on tuition fees by paying full cash over-the-counter on or before June 7, 2023". Discount is applied at the end of the term CASH BASIS ONLY

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170. Bachelor of Science in Computer Science

#### About this Course

The Bachelor of Science in Computer Science (BSCS) program is responsive to the nations thrust to become a source and developer of technology instead of just being a consumer of technology. It aims to produce IT professionals who will specialize in research, design and development of different computer and information systems. The curriculum is laden with subjects that deal with comprehension of mathematical and profound computer science concepts, analysis and design of computer systems. The BSCS graduate will have a good foundation and competence on the science on

computers and information that will enable him/her to endeavor into research, design and development on various computer and IT specialty areas.

#### Careers

Systems and Applications Programmer

Systems Analyst/Designer

Database Designer/Administrator

Software Engineer

Algorithm Analyst

Software Specialist

Admission Requirements

Applicants are expected to have:

completed Senior Highschool

Duration

4 Years

Campus

University of San Jose Recoletos, Basak Campus

Units and Electives

To attain the award of Bachelor of Science in Computer Science, students must successfully complete:

99 Academic Units

99 Elective Units

#### DOWNLOAD PROSPECTUS

title: About Bachelor of Science in

Computer Science

(CS or BSCS), link: <https://usjr.edu.ph/scs/degrees/undergraduate/bscs/>

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171. The Feynman Technique is a mental model and learning strategy used to simplify any complex information. This study endeavors to provide empirical evidence on the effectiveness of the Feynman Technique as a heutagogy-based learning strategy that fits the e-learning landscape. Utilizing true experimental research design, grades 4, 7, and 11 students from typical elementary and national high schools were randomly assigned to experimental and control groups and underwent pre- and posttests. Using two-sample and paired T-tests, results show that students under the experimental group, which applied the Feynman Technique, showed higher posttest scores and learning gains than those in the control group. Hence, this study proves that the Feynman Technique can be an effective tool to improve K-12 students learning, especially now given the new learning delivery modalities. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/958>

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172. A manuscript is accepted when

it is endorsed for publication by at least two referees,

it substantially complies with the instructions of the reviewers;

it complies with the ethical standards and protocols with studies involving humans and animals;

the manuscript passed the plagiarism detection test with a score of at most 10% Similarity Index and a Grammarly Rating of 95% or more. Otherwise, the manuscript is returned to the author(s).

The referees' evaluations include an explicit recommendation of what to do with the manuscript, chosen from options provided by the journal. Most recommendations are along the following lines:

Accept without revisions

Accept with minor revisions

Accept with major revisions

Reject with the option to resubmit

Reject

In situations where the referees disagree substantially about the quality of work, there are several strategies for reaching a decision. When the editor receives positive and negative reviews for the same manuscript, the board will solicit one or more additional reviews as a tie-breaker. In the case of ties, the board may invite authors to reply to a referee's

criticisms and permit a compelling rebuttal to break the tie. Suppose the editor does not feel confident in weighing the persuasiveness of a rebuttal. In that case, the board may solicit a response from the referee who made the original criticism. In rare instances, the board will convey communications between an author and a referee, thereby allowing them to debate on a point. Even in such a case, however, the board does not allow referees to confer with each other, and the goal of the process is explicitly not to reach a consensus or to convince anyone to change his/ her opinions.

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173. #USJRadvisory | Work and classes are suspended tomorrow in observance of Eid al-Adha or the Feast of Sacrifice by virtue of Proclamation 258. It is the second and the largest of the two main holidays celebrated in Islam.

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174. Witness our first batch of Medical Technology students have their ceremonial putting on of their laboratory coats. This signifies the student's transition from the study of preclinical sciences to clinical health sciences. This ceremony marks a change in tradition, introducing students to the Oath before starting their professional years of study. #USJRat75 #TakingYouForwardSince1947

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175. #JosenianPride | Congratulations to our Information Technology graduates from our School of Computer Studies - SCS for placing 9th and 10th in the 7th Test of Practical Competency in IT (TOPCIT) Certification Exam. They were awarded by CHED OPSD last month in Quezon City. TOPCIT Certification Exam helps colleges and universities determine the ICT competency level of their students and provide appropriate intervention. Good standing in TOPCIT serves as an additional credential for ICT graduates seeking employment and the performance of students in TOPCIT can help policymakers in the Philippines in improving curricular standards for ICT Education. --- Enrollment is ongoing. Click [here](https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/) for more details: <https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/> #USJRat75 #TakingYouForwardSince1947 University of San Jose- Recoletos CONGRATULATIONS 7TH TOPCIT CERTIFICATION EXAM NOVEMBER 2022 KENNETH CUICO BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY CUM LAUDE TOP 9 SHANE KIAN SALSBURY BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY MAGNA CUM LAUDE TOP 10

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176. This study seeks to determine the effect of N fertilization method on ratoon lowland rice performance, to choose a fertilization method that provides high ratooned yield, and to assess its profitability adopting N fertilization method. The experiment lays out in a Randomized Complete Block Design with three replications and five N fertilization methods as treatments. Method of N application significantly affected the number of days to heading and maturity, plant height, leaf area index (LAI), number of productive tillers hill<sup>-1</sup>, panicle length and weight, number of filled and unfilled grains panicle<sup>-1</sup>. This method compensates cost of production of growing ratoon crop than those of the main crop. In fact, the highest profit (PhP25,564.80) was obtained in ratooned plants, which received 60 kg ha<sup>-1</sup> N basal + 30 kg ha<sup>-1</sup> N topdress application (T3) due to higher grain yield. Thereby, this is an appropriate option that provides high productivity and income for the ratoon growers. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/880>

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177. Fiber-reinforced polymer (FRP) composites are considered viable alternatives due to their inherent advantages over traditional materials. Their advantages include light weight, high specific strength, high durability, corrosion resistance, chemical and environmental resistance, and low maintenance cost. This innovative material has been globally applied into civil infrastructure. In Australia, the applications include composite pile system and rehabilitation, marine structures, bridge structures and electrical cross-arms. On the other hand, strengthening of bridge and building structures are the common application of fiber composites in the Philippines. This paper presents the recent developments on the application of FRP composites in Australia and in the Philippines. Challenges in the implementation of this material are also presented. It is hoped that with the information revealed in this study, it will gain further application of this innovative material into civil infrastructure here in the Philippines. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/120>

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178. English proficiency has been a complex skill to develop in a face-to-face setting, especially in the remote learning modality. This descriptive-correlational study aims to determine the various macro and micro context factors in English language learning of secondary students (n=189) under modular distance learning. Factor analysis is utilized in extracting the following factor loadings for macro-context: a) lack of assistance from more knowledgeable others, b) unconducive-to-learning environment, c) cultural influence, d) poor feedback mechanism, e) insufficient resources, and f) low quality of the self-learning kit. Micro-context factors constitute the following: a) lack of exposure and practice, b) lack of perceived competence, c) lack of motivation and d) lack of interest. Students employed self-regulated strategies and managed to overcome these challenges through a) commitment to practice the skill, b) self-evaluation strategies,

and c) social strategies. Students context should be considered in the teaching and learning process. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1044>

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179. \-\\ For continuing students, the enrollment schedule is here: <https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/>  
EDP.USJR.EDU.PH USJ-R SIS-LoginAUGUST 7, 2023 AY 2023-2024 FIRST DAY OF SCHOOL UNIVERSITY OF SAN JOSE-RECOLETOS

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180. Jessica Magallon- Avenido, Ph.D., University of San Jose-Recoletos, Philippines

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181. #USJRLive | Join our candidates for graduation in the senior high school level this 2023 as they give thanks to the Lord as well as show appreciation to their parents, friends, and guardians before they conclude their academic journey in the basic education level tomorrow. <https://www.youtube.com/watch?v=bQkIOC4iXPk> #USJRat75 #TakingYouForwardSince1947 YOUTUBE.COM USJ-R Senior High School - Thanksgiving Mass

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182. READ | Puerto Princessa s City Council has approved renaming a street after a Spanish missionary priest (St. Ezekiel Moreno) who celebrated the first Mass in Palawan s capital 151 years ago. <https://cbcpnews.net/cbcpnews/puerto-princesa-renames-street-after-st-ezekiel-moreno/?fbclid=IwAR0Cox5LB0lrUhwUmg4jTfb5LJclZqgT5KgV3n9kE8v3dFUZbgCSPY3w8mU> CBCPNEWS.NET Puerto Princessa renames street after St. Ezekiel Moreno

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183. This study aims to use social media data as corpus to assess person s character to provide a preliminary background check on job seekers. It will provide recruiters an initial assessment of the candidates as well as supplementary information to support traditional recruitment and talent acquisition activities thereby reducing time and cost spent for character investigation. The application uses social media analytics to assign a social profile score. Unstructured text data are preprocessed to include only keywords which are relevant to the analysis. Word sense disambiguation is applied to determine the underlying meaning of the words. The bag-of-words is then checked for occurrence of associated words defined for each factor. Posts containing at least one occurrence of words associated with the factors are further tested for content polarity. Social character score is computed using proposed formula. The system recommends applicants based on skills and uses social character score for relevancy ranking of candidates relative to the job posts. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/245>

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184. #JosenianPride | Congratulations Shane Kian Tiu Salsbury and Aaron Benjamin Rotaquio Alcuatas for placing second in this year's CESAFI Computer Quiz. #USJRat75 #TakingYouForwardSince1947 University of San Jose-RecoletosCONGRATULATIONS A FIRST RUNNER-UP CESAFI COMPUTER QUIZ 2023 Aaron Benjamin Alcuatas (BS Computer Science) and Shane Kian Salsbury (BS Information Technology)

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185. The Asian economy has been continuously growing since the beginning of the 21st century. Asian countries are starting to carve their names in the A-list of the growing world economy. Considering the stability of its excellent performance in a continual growth, the researchers endeavored to find out whether what a country s economic growth is reflected in the level of satisfaction of its citizens.Using exploratory data analysis, indices pertinent relating to general perception, social trust, security, government performance, and professional relations were calculated. Results showed that countries which are generally perceived to be not doing well in terms of economy seem to exhibit a higher level of satisfaction from its citizens. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/110>

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186. READ | This is the second time that USJ-R will serve as a venue for the regionalized and digitized bar examinations for aspiring lawyers. USJR.EDU.PH USJ-R to serve as local testing site for Bar 2023 - University of San Jose - Recoletos

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187. All authors submitting their works to the RMRJ for publication as original articles attest that the submitted works represent their authors' contributions and have not been copied or plagiarized in whole or in part from other works.

RMRJ adheres to COPE's first two requirements in defining authorship: a. making a substantial contribution to the work and b. being accountable for the work and its published form. Substantial contribution includes revising the manuscript to include important intellectual content.

Corresponding authors are to use their institutional email in the submission process. All contributing authors are to be

declared upon submission. Their names, ORCID number, and affiliation are to be written on the cover page and submitted separately in the journal's portal as a separate file. Only authors whose names are found on the cover page upon submission are acknowledged as authors. Individuals who do not meet the criteria for authorship may be mentioned in the Acknowledgements section of their publication.

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188. De La Salle University through the Institute of Biomedical Engineering and Health Technologies (IBEHT) and University of San Jose-Recoletos are set to collaborate on health researches. The agreement between the two Universities was signed earlier today at the Health Research and Innovation Symposium. The two are expected to collaborate on projects, joint organization of research conferences, and capacity building activities, and dissemination of research that would help increase the critical mass of experts on the field of biomedical engineering. #USJRat75 #TakingYouForwardSince1947

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189. As international criticism of the Philippine government's war on drugs continues, this study aims to find out the rate of drug trafficking incidences of various countries in the world and explore how this is affected by the respective countries' legal and socio-economic conditions, specifically: (1) Gross Domestic Product (GDP) per country, (2) public sector's perceived corruption index, and (3) country's legal standing on prohibited drugs. This study utilizes data mining or exploratory method. Data on the various variables were gathered from statistical reports from various reputable world agencies and subjected to statistical analysis in order to determine their significance in relation to drug trafficking. Of the three dimensions analyzed in this study, only economic and social factors show relationship to drug trafficking. Rich countries have less corruption; thus, they have better law-enforcement. As a result, they register more drug trafficking apprehensions. Corrupt countries however, have lower apprehensions; thus, registering a lower drug trafficking rate. Poor countries register higher corruption index and lesser apprehensions of illegal drugs. To fight drug trafficking, it is important to eradicate corruption in order to gain ground in the fight against drugs. The lone dimension that shows no relationship is the political dimension such as restrictive and non-restrictive government policies on drugs. This is corroborated by other studies that indicated a War on Drugs to be ineffective as compared to drug treatment. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/201>

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190. Catholic education is closely linked to the evangelical mission of the Church. As such, the primary intent of Catholic education is to proclaim the message of salvation to all people. Accordingly, Catholic education aims to provide an integral formation with a religious dimension that will equip the human person to become life, work, and mission ready and attain salvation. But given the contemporary socio-economic, cultural, political, and technological milieus characterized by a secular and consumerist view and praxis, the value of Catholic education may have been obscured or affected. Thus, this paper aims to investigate and analyze the views and practices of the faculty of a Catholic University about Catholic education. The purposive sampling method was used to determine the participants in the study. Using a qualitative research design, the data were gathered from the participants using the face-to-face interview method. Aided by the phenomenological method, the findings discovered semblance in the participants' views and practices of Catholic education with that of Catholic Church. Despite the observed undesirable elements that obscure and marginalize it, Catholic education faithfully remains a Catholic. But making religion as the core of the curriculum of Catholic education is still a great challenge for Catholic schools to realize. Thus, the collaboration of all stakeholders is vital to address this perennial challenge in Catholic education. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/299>

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191. RMRJ welcomes submission of quality researches in any of the following academic domains:

Accountancy, Business and Management, and Finance;  
Communication, Humanities, Psychology, and Religion;  
Education and Educational Management;  
Engineering, Mathematics, Statistics, and Technology;  
Environment, Health, and Natural Sciences;  
Philosophical and Mathematical Reviews; and  
Politics and Governance, and Social Sciences.

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192. RMRJ welcomes the submission of comments on previous articles. Comments on articles previously published in the journal will generally be reviewed by two reviewers, usually an author of the original article (to assist the editor in evaluating whether the submitted comment represents the previous article's accuracy) and an independent reviewer.

The original author will be invited to reply if a comment is accepted for publication. All other editorial requirements, as enumerated above, apply to proposed comments.

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193. The USJ-R School of Law officially launched the USJ-R School of Law Advocacy and Community Enrichment (SOLACE), the school's legal clinic on June 17, 2023 at the USJ-R Basak Campus. Present in the launching were the representatives from the eighty (80) barangays of Cebu; Dean Jonathan P. Capanas, CPA, Dean of the USJ-R School of Law; Atty. Gonzalo D. Maligo-on, Jr., USJ-R Solace Legal Clinic Director; Atty. Virginia Palanca - Santiago, President of the Legal Alternatives for Women, Inc.; Atty. Pedro Leslie B. Salva, President of the USJ-R School of Law Alumni Association; Atty. Michael Francis L. Hubahib, President of the IBP Cebu Chapter; Atty. Christian Arenajo from IBP Cebu City Chapter, Hon. Leocadio T. Trovela, CESO III, Regional Director of DILG Region VII; Atty Ian Kenneth B. Lucero, MPSA, Provincial Director of DILG Sugbo; Hon. Marlon Jay G. Moneva, the Executive Judge of RTC Cebu City, Hon. Franklyn O. Ong, President of the Cebu City Liga ng mga Barangay; and Rev. Fr. Eduardo S. Celiz Jr. OAR, President of the University of San Jose - Recoletos to manifest their full support to the program. Atty. Emiliano C. Tiongco, Jr, Executive Labor Arbiter of the National Labor Relations Commission and Atty. Mae Elaine T. Bathen, Assitant Dean of the USJ-R School of Law and Undersecretary of Tourism also expressed their message of support during the activity. The USJ-R School of Law officially launched the USJ-R School of Law Advocacy and Community Enrichment (SOLACE) - the school's legal clinic, on June 17, 2023 at the USJ-R Basak Campus.

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194. A moral life is indispensable to every human person. In the present day society where morality may vary from one understanding to another, there is a risk that its conception may be misconstrued by certain individuals. It is important in order for man to have a better understanding of what a moral life should be. A person who possesses a significant understanding of a moral theory like the Socratic ethics will have an underlying ethical foundation essential in facing situations that threaten his moral standards and beliefs. It is a fact that culture may play a role in the consideration of morality for a particular society, but this paper will focus on the individual person's concept of morality as taught by Socrates. Ethical Intellectualism is a standard of morality that may be imbibed and applied by the human person. It is an ancient method that can still hold true until today. This paper is an interpretation of Socrates' Ethical Intellectualism regarding a moral person side by side with every individual person's ideal state of moral life. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/205>

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195. Rev. Fr. Hernando Coja, OAR celebrated the 50th anniversary of his priestly ordination in three cities in Cebu and Negros Occidental. The first stop was done in Talisay City in Western Visayas on July 10. The mass was conducted at San Nicolas de Tolentino Parish Recoletos, where the celebrant served for 3 years as the parish priest. After which, a thanksgiving dinner was hosted at San Vicente Ferrer Complex located beside the church. It was attended by the surviving family members of Fr. Coja as well as OAR priests, friends, and parishioners. Read more: <https://usjr.edu.ph/2023/07/14/oar-priest-celebrates-50th-presbyteral-anniversary-in-cebu-and-negros-occidental/>

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196. RMRJ is dedicated to promoting knowledge through high-quality research publications in various disciplines. She is committed to editorial independence, diversity, and equity. Submissions from people of different backgrounds and geographic locations are welcome. Submissions are assigned to editors who will do the initial review. Should the manuscript be suitable for consideration by RMRJ, the paper will be sent to at least two independent peer reviewers. The peer reviewers' assessments are used to inform the associate editor's decision on whether or not to recommend publication. Endorsed papers will be forwarded to the Chief Editor for final approval.

We do not put up with rude behavior or letters directed at our editors, staff, or other people helping us publish. We have the right to take appropriate measures to safeguard others from it. This situation may involve, for instance, withdrawing a manuscript from consideration or objecting to offensive remarks made by peers.

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197. The University of San Jose-Recoletos is a DOST-accredited program. Further, classes for AY 2023-2024 at USJ-R will begin on August 7, 2023. For more details, visit <https://www.facebook.com/usjr.official/posts/pfbid0RHZHS1MHdut1Mv6YLUK9Rcnfypx8Rgqi7z9FBRP2RK5UmMjZdULgThUubDgiJXvI> Thank you and God bless! CALLING ALL THE DEPARTMENT OF SCIENCE AND TECHNOLOGY QUALIFIERS FOR ACADEMIC YEAR 2023-2024 (DOST) DEPARTMENT OF SCIENCE AND TECHNOLOGY ACCREDITED PROGRAMS - BACHELOR OF SCIENCE IN PSYCHOLOGY - BACHELOR OF SCIENCE IN BIOLOGY - BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY - BACHELOR OF SCIENCE IN COMPUTER



SCIENCE - BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING - BACHELOR OF SECONDARY EDUCATION MAJOR IN MATH - BACHELOR OF SECONDARY EDUCATION MAJOR IN SCIENCE (DOST) DEPARTMENT OF SCIENCE AND TECHNOLOGY SCHOLAR'S PRIVILEGES - SUBSIDY OF 20,000.00 / SEMESTER - ALLOWANCE OF 7,000.00/ MONTH CONTACT INFORMATION: scholarshipcenter@usjr.edu.ph| discount@usjr.edu.ph 253-7900 | Local: 375/294

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198. The study aimed to develop a software application to capture tourist activity information, extract movement patterns from the dataset through sequential pattern mining (SPM), and visualize spatiotemporal movement. Tourist activity information was captured through crowdsourced trajectory movements by scanning unique QR (Quick Response) codes for each visited tourist spots. The AprioriAll algorithm was used to find frequent trajectory patterns on tourist visits. The resulting maximal k-sequences and their subsequences represent the recommended trip itinerary. The spatial and temporal movements were visualized through a flow map and a heat map, respectively. The directed edges in the flow map show the recommended sequence of tourist sites to visit. The heat map shows the density of tourist visits in different areas at time intervals. The application was validated with selected tour planning experts to verify functional suitability, usability, and acceptability. Experimental results show positive indicators that the application met the users expectations. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/965>

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#### 199. VP FOR ACADEMICS

Rev. Fr. Leo G. Alaras, OAR is a Batangueño who was ordained as a priest in 2010. He was first assigned as the Campus Ministry Office (CMO) Director in Colegio de San Nicholas de Tolentino-Recoletos (CSNTR) in Talisay City, Negros Occidental. He was later appointed as the treasurer and Property Administrator of the same school from 2011-2015.

In the same year, Fr. Alaras was transferred to Poblacion Valencia, Negros Oriental where he served as the School Director and High School Principal at the San Pedro Academy from 2015-2018. He was also the School Director at San Pedro Academy-Recoletos in Valencia, Negros Oriental.

He is a graduate of Bachelor of Arts in Classical Philosophy major in Languages at Casiciaco Recoletos Seminary in Baguio City. He also finished a bachelor's degree in Theology at the University of Santo Thomas (UST) and Master of Arts in Theology in Recoletos School of Theology in Manila. On a lighter note, Fr. Alaras is also a composer. He started in 2001. So, he enrolled himself in the Conservatory of Music in UST, major in composition. Among his known compositions are Magnificat, Panginoon Tanggapin Mo, and his own version of Our Father.

He is also fond of playing basketball and table tennis, which according to him he only learned when he was in the seminary in Baguio back in 1998. Actually, my trainer was Fr. Roy Baluarte he revealed. Fr. Alaras also said that he is a fan Harry Potter, Ant-Man, and Hachik. As the new Vice President for Academics, Fr. Alaras envisions the university to become a research university and to be internationally recognized in addition to the school's Recoletos Industrial and Technological Training Center (RITTC).

As the VP Acad, it's more on strengthening more the academic culture of the university, which is actually manifested in the board passing performance of our graduates, he added.

[Words of Wisdom for Josenians]

Do not count the skills. Do not count the awards. Do not count the titles that you have, but count the values that you have.

name: Rev. Fr. Leo G. Alaras, OAR, position: VICE PRESIDENT FOR ACADEMICS (VP FOR ACADEMICS)

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200. READ | Rev. Fr. Hernando Coja, OAR celebrated the 50th anniversary of his priestly ordination in three cities in Cebu and Negros Occidental.

The said priest was ordained on July 15, 1973 in Marcilla, Navarra, Spain.

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201. The COVID-19 lockdowns upended business operations, impacting microenterprises which prompted the Cebu Province to implement a stimulus grant to revive existing and encourage start-up microenterprises known as the Sugbo Negosyo program. A digital card system (DCS) with a quick response (QR) code payment was utilized to facilitate the disbursement of financial assistance and to enable real-time monitoring of the program beneficiaries expenditure transactions. This study evaluates the effectiveness of the DCS, investigating how the perceived ease of use, perceived usefulness, and attitude towards its use have influenced the actual use and satisfaction of the DCS use by the beneficiaries. The research, a mix of quantitative and qualitative methods, was participated by 212 beneficiaries through face-to-face surveys. With the Technology Acceptance Method (TAM) as the study s framework, the partial least squares structural equation modeling (PLS-SEM) results show that the DCS is evaluated as useful and easy to use and satisfied the beneficiaries. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1414>

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202. The marginal rate of returns (MRR) of higher education programs affect a country s economy. It is in this light that the current study primarily intends to determine which higher education programs the state should fully subsidize and which programs the private education service providers should take charge of. The net effect of this identification is to rationalize the supply side of the economy. Quantitative non-experimental retrospective explanatory design and data mining techniques were used. Consequently, based on the programs marginal rate of returns, indeed there are certain higher education services that bring about public good while some others do not. Agriculture, services, humanities and arts, sciences, health and welfare, engineering, manufacturing and construction, and education programs demonstrate greater public good while social sciences, business, and law generally promote greater private returns to the individuals rather than to the society. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/848>

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203. ON THIS DAY | Exactly 76 years ago, the Prior Provincial and his Council of the Province of Saint Nicholas of Tolentino of the Order of Augustinian Recollects (OAR) approved the foundation of Colegio de San Jose-Recoletos (now University of San Jose-Recoletos) in Cebu City.ON THIS DAY Prior Provincial Santos Bermejo, OAR and the Provincial Council in Madrid, Spain approved the establishment of a Recollect school in Cebu on May 27, 1947.Before that, Vicar Provincial Leoncio Sierra, OAR already acquired the permit from Cebu Archbishop Gabriel Reyes to open a school which & was issued on March 28, 1947.

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204. #JosenianPride | The University of San Jose- Recoletos ranks fourth among schools in the country with at least 50 examinees for the May 2023 Licensure Examinations for Certified Public Accountants. CONGRATULATIONS to the new Josenian CPAs! 1. ABEAR, VINCE RALPH FUENTES 2. ADLAON, CHARISS MARY APOLENTISIMA 3. ARCILLA, SHIENA LORAIN TABAL 4. BARRERA, JOAN MARY ILUSTRISIMO 5. BILAGANTOL, NI A ROSE NACUA 6. BONGCALES, TEOVY ERDEL BENABLO 7. BONGHANOY, MARY JILLAN ENTOMA 8. CA IZARES, ACE BRYLE PORTO 9. CASILAO, GHEFHINE CAPURAS 10. CHUA, ELMAR ELSPEYRY AGPALO 11. DAKAY, MELODY HERRERA 12. DELOS REYES, MITCH COMALING 13. DESPI, KRESHA JEAN TAOK 14. FIDEL, MARY PRILYNE LABIDES 15. GANTIAO, JOANN 16. GODINEZ, LANDEE LYN NACUA 17. HUNGOY, BERRYLL ANN MARIE BUZON 18. LABRADA, HARRIETTE MAE LEGASPI 19. LAMIGO, BRIAN JOSEPH ROCHA 20. LIM, FRANCES DIANNE SANIEL 21. LINGCAY, JANA DOMINIQUE PARDO 22. MAGDARAOG, JAMES ANDREI ESTRELLA 23. MANOLONG, VICTORIA ISABEL TORIGOSA 24. MANTOS, ASHLEY KEITH DRILON 25. MARAVELLO, MICHELLE ANN SENO 26. MARIMAT, JAMES PAUL CAPIL 27. MIRANDA, HANNAH JOYCE PARANTAR 28. MU OZ, JESTER NEIL CUIZON 29. PELAYO, AMELVILLE TAYONG 30. RABAYA, JANICE MAE PEPITO 31. ROA, RAY ANGELO VISDA 32. SALADAGA, MA. AGNES ABLEN 33. SEMBLANTE, RHEA ANGELICA DACLISON 34. TABILIRAN, KID NOEL CHING 35. TILLOR, CENON ROI LABANA 36. TIU, JOSE WALTER GARCELAZO 37. TU ACAO, EVELYN BARIL 38. VILLARAN, MYREL ANN DUYAG 39. YAMAS, JOHNSON FAT Our felicitations are extended to our face-to-face reviewees at the USJ-R CPA Review Center especially to Rica Mae Albiso (Top 6), Jenzel John Logno (Top 6), and Kyra Shane Buhia (Top 9). -\-\ The new academic year will begin on August 7, 2023. Enrollment is ongoing. Click here to read the guide: <https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/> #USJRat75 #TakingYouForwardSince1947 University of San Jose- Recoletos

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205. This paper provides an approximate analytic solution to the three species Lotka Volterra differential equations by symbolic regression. The approximate analytic solution through symbolic regression is made as close as desired to the actual analytic solution by using the Jacobian system. This is proposed as the equilibrium will be stabilized if and only if

the real parts of each of the eigenvalues are negative. As a result, the symbolic regression approach is found to provide an approximation to the faster convergence that can be expected with a more refined Euler numerical approach. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1022>

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206. In this paper, I aim to show that the critical appropriation of political power can be a potential tool in transforming political structures into just institutions. To achieve this aim, I employ Ricoeur's hermeneutics of symbols because in his different political essays, he consistently regards political power as akin to a symbol. Thus, for him, the critical appropriation of political power requires a hermeneutical procedure. And so in my discussion, I devote one section for Ricoeur's hermeneutics of symbols, one for his thoughts on political power, and another one for the critical appropriation of political power through the hermeneutics of symbols. To put Ricoeur's political and hermeneutical thoughts in a better light, I introduce these sections with a separate section on his philosophical anthropology. In my conclusion, I affirm that transforming political structures into just institutions is very much possible through the critical appropriation of political power. It is such a potential tool in effecting these transformations because the critical appropriation of political power involves a hermeneutical procedure that follows a three-step process of reflection. And reflection, which makes way for the critical appropriation of political power, is what ensures that power rests only in the hands of those who are more likely to advance the common good, resulting into a greater possibility for the transformation of political structures into just institutions. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/387>

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207. This paper highlights John Paul II's (JPII) Philosophy of Labor and points out the need to have a Visayan philosophy of labor. Moreover, this proposes to view and analyze the Visayan philosophy of labor within the context of the Visayan notion of kahimtang. The researchers believe that the word kahimtang can be viewed as a combination of three words ka, himu and butang, in which himu connotes a concept of work. Furthermore, within the compatibilist minds of the Visayan, himu (labor) plays a significant role to redirect one's kahimtang. Work (labor), for the Visayan, is an essential expression of freedom which has a similar expression to JPII's Philosophy of Labor. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/985>

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208. Let  $G$  be a connected simple graph. A dominating set  $S \subseteq V(G)$  is called a perfect dominating set of  $G$  if each  $u \in V(G) \setminus S$  is dominated by exactly one element of  $S$ . A set  $S$  of vertices of a graph  $G$  is an outer-connected dominating set if every vertex not in  $S$  is adjacent to some vertex in  $S$  and the subgraph induced by  $V(G) \setminus S$  is connected. A perfect dominating set  $S$  of a graph  $G$  is a perfect outer-connected dominating set if the subgraph induced by  $V(G) \setminus S$  is connected. The perfect outer-connected domination number of  $G$ , denoted by  $\text{pc}(G)$ , is the smallest cardinality of a perfect outer-connected dominating set  $S$  of  $G$ . A perfect outer-connected dominating set with cardinality  $\text{pc}(G)$  is called  $\text{pc}$ -set of  $G$ . In this paper, we will show that given positive integers,  $a$ ,  $b$ ,  $c$ , and  $n$  such that  $a + b + c = n - 1$ , there exists a connected graph  $G$  with  $|V(G)| = n$ ,  $\text{deg}(G) = a$ ,  $\text{pc}(G) = b$ , and  $\text{pc}(G) = c$ . Further, we give the characterization of the perfect outer-connected dominating set of the join and corona of two graphs and give their corresponding perfect outer-connected domination number. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/165>

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209. This study aims to determine the demographic, epidemiologic, and clinical characteristics of COVID-19 cases that are highly susceptible to COVID-19 infection, with longer hospitalization and at higher risk of mortality and to provide insights that may be useful to assess the vaccination priority program and allocate hospital resources. Methods that were used include descriptive statistics, nonparametric analysis, and survival analysis. Results of the study reveal that women are more susceptible to infection while men are at risk of longer hospitalization and higher mortality. Significant risk factors to COVID-19 mortality are older age, male sex, difficulty breathing, and comorbidities like hypertension and diabetes. Patients with these combined symptoms should be considered for admission to the COVID-19 facility for proper management and care. Also, there is a significant delay in the testing and diagnosis of those who died, implying that timeliness in the testing and diagnosis of patients is crucial in patient survival. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1047>

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210. #USJRLive | Join us today as we acknowledge the achievements of our Josenian pupil [www.youtube.com/live/iaOHPkMKwIM?feature=share](https://www.youtube.com/live/iaOHPkMKwIM?feature=share) #USJRat75 #TakingYouForwardSince1947 YOUTUBE.COM USJ-R Elementary Department - Recognition Day 2023 (Part 2)

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211. This descriptive-correlational study assesses the psycho-spiritual well-being of junior high school students at Catholic Schools in Central Philippines. Also, it determines the relationship between the said constructs, and at the same, their association between the variables of sex, family structure, birth order, religious affiliation, and church involvement. The data are gathered using Ryff's Psychological Well-being and Ellison and Paloutzian's Spiritual

Well-being Scale. The findings reveal moderate levels of psychological and spiritual well-being among the respondents. Point biserial shows that a significant relationship existed between the demographics of family structure and psychological well-being and between church involvement and psychological well-being. Rank biserial shows, on the other hand, that there is a significant relationship between family structure and spiritual well-being and between church involvement and spiritual well-being. Also, Spearman Rank Correlation results indicated that there is a relationship between psychological well-being and spiritual well-being. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1188>

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212. #JosenianPride | Congratulations Sir Tapanan on your appointment as regional coordinator at the International Association of Physical Education and Sports Incorporated! #USJRat75 #TakingYouForwardSince1947MONTANO L. TAPANAN JR., MAT-HK, LPT REGIONAL COORDINATOR - REGION VII International Association of Physical Education and Sports Incorporated

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213. RMRJ makes it a point of adhering to COPE's Principles of Transparency and Best Practice in Scholarly Publishing, and we encourage our publishing partners to do the same.

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214. Random walk has been held as a sufficient condition for describing the stock market as efficient, which implies that investors cannot predict the market returns or equivalently, abnormal profits cannot be obtained just by knowing the past prices. This study tests the random walk hypothesis in the case of Philippine Stock Prices, using the daily PSE index (PSEi) covering the period 03 January 2005-16 February 2016. Main results, employing the informal or visual methods such as plot analysis of log returns and correlogram, suggest some initial evidence of non-randomness. The formal methods, employing tests for unit root, runs, sequences and reversals, variance ratio, and autocorrelations, show that the PSEi prices do not follow a random walk behavior. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/115>

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215. The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

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216. The higher education market portends to be a huge market in the future that traditional systems of delivery of services will be insufficient. This paper proposes a model that links two (2) global markets: the higher education market and the labor market, as dramatic changes are taking place in the 21st century. A modeling and simulation strategy has been employed in this paper predicting the impact of higher education market to the labor market. Results indicated that with the rapid expansion of the Higher Education(HE) market, the size of the higher education labor force will inevitably expand. The labor market tolerates a maximum expansion capacity for HE graduates beyond which the excess HE graduates will bifurcate into two (2) channels of productive sector, namely: (a) the creation of new economies or (b) the integration of HE graduates into the skilled labor force. This dynamics necessarily yields a highly fragmented labor force configuration. In essence, the evolution of the labor market is a replica of Darwin's Biological Theory of Evolution where only the fittest will survive, i.e. evolution through mutation and adaptation whose equivalent concepts in this setting are innovation and adaptation respectively. It is well-established in Evolutionary Biology that mutation is the shortest-route to evolution and so we posit that innovation is the shortest route to the labor market evolutionary ladder. Therefore, a good university must be able to produce graduates who are innovative and adaptive at the same time to survive in a competitive labor market. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/18>

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217. Congratulations to the senior high awardees who were recognized earlier today! Send a message to USJ-R Senior High School Department to find out how to be part of the growing Josenian family or click here to download the enrollment guide for AY 2023-2024: <https://drive.google.com/file/d/1lw2J2E0BEE3BlaXpVhiiYMhqu1F6ZNwg/view?usp=sharing> #USJRat75 #TakingYouForwardSince1947

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218. To address low productivity and increase income, studies were conducted to improve the integrated crop management (ICM) of mungbean. Field experiments established using extracts, biocon agents, and varieties under various cropping systems. In rice-mungbean cropping system, Pagasa 19 applied with Vermitea and Carrageenan exhibited lowest CLS and rust infections. Carrageenan-treated plants produced yield, 0.77t/ha vs Control 0.41t/ha. Under corn-mungbean cropping system, Carrageenan-treated Pagasa 19 had the highest yield of 1.36t/ha. In other trials, CLS infection of Carrageenan-treated Pagasa 19 was reduced by 25.6% and the yield/ha was 62.3% higher than untreated valued at Php 29, 400.00/ha. In Pagasa 7, Carrageenan is effective against CLS and rust, and gave the highest yield of 1.37 ton/ha. The Kulabo, whether applied with Carrageenan, Boron or NPV, reduced the CLS infection

and increased the yield up to 0.54t/ha. Improved ICM system is vital to reduce loss, improve soil condition, and enhance yield and income. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/760>

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219. The remarkable growth of human knowledge is perhaps the greatest key to achieving what one wants, or what the whole economic society wants. Recognizing knowledge as one of the critical factors for economic advancement in the most multilateral organization in Asia, this study evaluates the indicators which determine the knowledge level of the ASEAN member nations. The study takes a look at factors that are predominant in the countries involved, in terms of general competency, inventions and innovations, and technological advancement. Data relating to high technology exports, human development, research and development, journals, researchers, and patents are taken into consideration to quantify these factors in the assessment of the knowledge level of a country. These indicators are considered significant measures of a country's intellectual standing, emphasizing that one should focus on these measures for the attainment of its advancement in the competitive organization. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/15>

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220. The RECOLETOS MULTIDISCIPLINARY RESEARCH JOURNAL (RMRJ) is committed to upholding the highest standards of publication ethics and takes all possible measures against publication malpractices. RMRJ commits herself to objective and fair double-blind peer-review of the submitted for publication works and to prevent any actual or potential conflict of interests between the editorial and review personnel and the reviewed material. Any departures from the stipulated guidelines should be reported directly to the Editor-in-Chief, who is unequivocally committed to providing swift resolutions to any such problems.

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221. Pupils who excelled during AY 2022-2023 were recognized this morning at the Recoletos Coliseum. Click here to learn how to enroll and join our growing Josenian family for AY 2023-2024: [#TakingYouForwardSince1947](https://www.facebook.com/media/set?set=a.10160522276123351&type=3)

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222. Green Chemistry (GC) integration in environmental education has improved understanding of managing pollutants and their impacts. However, the extent of integration in the science curriculum is not widely known in the Philippines. In this convergent mixed-method design, the researchers determined the SHS Chemistry teachers (n=30) knowledge, perceptions, GC integration in Chemistry topics, and challenges in teaching Green Chemistry Education (GCE). Complementary quantitative and qualitative results showed valid and reliable findings, claiming that teachers have limited preconceived knowledge on GCE but perceived it as an essential part of the teaching-learning process. Awareness of chemical hazards and their impacts on the environment is often demonstrated but rarely elaborated during discussions in Chemistry classes. Problems encountered in teaching GCE were also identified. A moderate positive correlation between the teachers' knowledge and their GC perception was observed. However, no significant relationship was found when the teachers' knowledge and perception were correlated to GC integration. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1061>

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223. This paper deals with 1) angle trisection, 2) Bhaskara's first proof, and 3) Pythagorean theorem. The purpose of this paper is threefold. First, to show a new, direct method of trisecting the 90° angle using unmarked straight edge and compass; secondly, to show Bhaskara's first proof of the Pythagorean theorem ( $c^2 = a^2 + b^2$ ) as embedded in this new, direct trisection of the 90° angle; lastly, to show the derivation of the Pythagorean theorem from this trisection of the 90° angle. This paper employs the direct dissection method. It concludes by presenting four points: a) the concept of trisectability as distinct from concept of constructability; b) the trisection of the 90° angle as really a new, different method; c) Bhaskara's first proof of the Pythagorean theorem as truly embedded in this trisection of the 90° angle and; d) another way of deriving Pythagorean theorem from this trisection of the 90° angle. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/987>

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224. SED Recognizes Outstanding Josenian Educators in Caritas Ceremony In grateful recognition for the individuals who positively impacted the college throughout the academic year, the School of Education of the University of San Jose-Recoletos held the eighth Caritas et Scientia Leadership Awards last May 10, 2023, at the USJ-R Basak Coliseum. Starting things off, Dr. Jestoni P. Babia, Dean of the School of Education, provided the opening remarks and noted the various achievements, as well as the significant challenges that lay ahead, within the college. He underscored that while SED has come this far regarding its innumerable accomplishments and milestones, important opportunities must be addressed and managed. He looked forward to future leadership having the creativity, initiative, and resourcefulness to fill the gaps and further enhance the enormously magnificent reputation SED has already carved out for itself. As a very important note, SED has maintained its gold-standard status as a Center of Excellence for Teacher

Education, exemplifying its prestige as a go-to place for aspiring teachers who want nothing less than quality pedagogical instruction and training. Multiple and various awards were given to both the students and faculty members. The awards night capped a yearlong grind by teachers and students who slugged it out against the numerous PowerPoint presentations, learning modules, reviews, reports, grades, and so much other paperwork they had to accomplish against a myriad of deadlines. In the end, the sleepless nights and seemingly bottomless iced coffee cups were all worth it all for the sake of ensuring that both sides obtain the education and learning that would not only serve them well in the four corners of the classroom but in the contextualized reality of a continually unpredictable world. After all, Josenian Educators do not just teach; they inspire. Here is the complete list of all awardees from the Caritas ceremony:

**FACULTY CATEGORY:** Most Outstanding Teacher Award: Montano Tapanan Jr. Most Outstanding Secretary Award: Argin Abadiano-Quiban Excellence in Teaching Award: Ma. Aira Chenessa B. Aguilar Montano Tapanan Jr. Eva Maria Divinagracia Ionell Jay Terogo Research and Scholarship Award: Helmae Tapanan Benedict Al Candia Rex Villavelez Outstanding Service Award: Montano Tapanan Jr. Mentorship Award: Justine Marie Mu ez Innovation in Teaching Award: Ma. Aira Chenessa B. Aguilar Wyndell Casquejo Rhonette Abatayo Benedict Al Candia Leonil Cabungcal Jan Hector Obando Jorey Josaphat Galleto Eva Maria Divinagracia Ionell Jay Terogo Montano Tapanan Jr. Lifetime Achievement Award: Elizabeth Orimaco Diversity, Equity, and Inclusion Award: Ionell Jay Terogo Student Engagement Award: Wyndell Casquejo Montano Tapanan Jr. Community Engagement Award: Jacquelyn Visitacion Jennifer Raganas Technology Integration Award: Montano Tapanan Jr. Ma. Aira Chenessa B. Aguilar Wyndell Casquejo New Teacher of the Year Award: Justine Marie Mu ez Interdisciplinary Collaboration Award: Helmae Tapanan Professional Development Award: Lea Mae Ladonga Helmae Tapanan Ma. Aira Chenessa B. Aguilar Montano Tapanan Jr. Eva Ma Divinagracia Ionell Jay Terogo Englevert Reyes Assessment and Evaluation Award: Montano Tapanan Jr. Global Education Award: Ionell Jay Terogo Curriculum Development Award: Ionell Jay Terogo Helmae Tapanan Montano Tapanan Environmental Sustainability Award: Benedict Al Candia Kenneth Vergel Cadungog Rex Villavelez Service-Learning Award: Montano Tapanan Jr. Creative Expression and the Arts Award: Louanna Casta ares Creative Writing Teacher Award: Giovanni Pable Most Promising Teacher Award: Shaina Tolentin Trisha Abella Issah Belleza Jorey Josaphat Galleto Outstanding SPED Volunteer Teachers: Marie Claire Canceran Elyza Cometa Teamwork Award: Kenneth Vergel Cadungog

**STUDENT CATEGORY:** Most Outstanding SED Student Leader: Franceska Therese Fanilag Outstanding SED Student Leader: Thea Mikhaila Casta ares Student Organization Leader of the Year: Hannah Ysabel Lapurga Emerging Leader of the Year: Bethany Faith Bataluna Padre Pedro Sanz Awardee: Mary Mitchfel Perpetua Blessed Vicente Soler Excellence Award: Mary Rose Tuburan Leadership Awards for Supreme Student Council 41st Congress SED House Representatives: Hon. Ni a Ayessa A. Dizon Hon. Gerald B. Delantar Hon. Mary Mitchfel B. Perpetua Hon. Chris Ann G. Diaz Hon. Larra Guiral Leadership Awards for Josenian Ed

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225. #JosenianPride | Watch and listen to the Cebuano translation music video of Samot-Saring iisa, the Official Theme Song of the 125th Anniversary of Philippine Independence and Nationhood sung by USJ-R Liturgical Yodelers Recoletos(LYRe). The 125th Anniversary of Philippine Independence and Nationhood is a multi-year commemoration of the 125th anniversary of the proclamation of Philippine independence and the allied historical events that brought about the founding of the Filipino nation from 1898 to 1901. With the theme Kalayaan, Kinabukasan, Kasaysayan, it aims to serve as a milestone for the Filipino people to reflect on our journey as a free and independent people and how far we have gone from the dreams and aspirations of our forebears. It also highlights the role of our history in our journey as a people, to serve as a reminder of where we began from and of our goals as a country. #PH125 #KalayaanKinabukasanKasaysayan Cultural and Historical Affairs Office - Cebu City June 12 at 12:17 PM Watch the Cebuano translation music video of Samot-Saring iisa, the Official Theme Song of the 125th Anniversary of Philippine Independence and Nationhood. The 125th Anniversary of Philippine Independence and Nationhood is a multi-year commemoration of the 125th anniversary of the proclamation of Philippine independence and the allied historical events that brought about the founding of the Filipino nation from 1898 to 1901. With the theme Kalayaan, Kinabukasan, Kasaysayan, it aims to serve as a milestone for the Filipino people to reflect on our journey as a free and independent people and how far we have gone from the dreams and aspirations of our forebears. It also highlights the role of our history in our journey as a people, to serve as a reminder of where we began from and of our goals as a country. The music video was directed, shot, and edited by Clandestine Films and Post Production. Produced by Cebu City Government and Cultural and Historical Affairs Office. Original Composition by Kent Charos Re-arranged by Jundel Bacalso Performed by Kristel Bodumo and USJR-Liturgical Yodelers - Recoletos Translation by Dr. Erlinda Alburo #PH125 #KalayaanKinabukasanKasaysayan

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226. "Unleash your inner champion and embrace the thrill of sports in every stride, as we present an unmatched offering

that ignites the fire within."SUMMER SPORTS CLINIC 2023 (OPEN FOR ALL) BASKETBALL (18 Under, High School & Elem Boys) Trainers: Edito Salacut, Melo Banna Schedule: MWF 1 PM to 3 PM FOOTBALL (18 Under, High School & Elem Boys) Trainers: Joselito Bono, Rommel Ramirez Schedule: TTTHS 3 PM to 5:30 PM KARATEDO (High School & Elem Boys & Girls) Trainor: Manuel Aloba Sr. Schedule: MWF 3 PM to 5:00 PM LAWN TENNIS (High School & Elem Boys & Girls) Trainor: Nahum L. Jayme Schedule: MWE 23:00 PM to 5:00 PM VOLLEYBALL (High School & Elem Boys & Girls) Trainers: Roldan Potot, Michelle Simbajon Schedule: MWE 1 PM to 3 PM CHESS (High School & Elem Boys & Girls) Trainor: Rogelio E. Enriquez Schedule: MWF 9 AM to 12 NN BADMINTON (High School & Elem Boys & Girls) Trainers: Solito Flores, Jeffrey Leopaopao | Schedule: MWF 2 PM to 4 PM FUTSAL (High School & Elem Girls) Trainor: Rommel Ramirez Schedule: TTTHS 2:00 PM to 4:00 PM Registration: Starts on June 5 until June 10, 2023 (St. Pius Lobby) Registration Fees: Basketball (Php 3,500), Other Sports (Php 2,500) Summer Clinic will Starts on June 13, 2023 until the month of July 2023. June 13,2023 Orientation of Parents starting 1:30 PM at Basak Auditorium

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227. READ | From over 2,000 applicants, only seventy were chosen. Associate in Computer Technology (ACT) is the two-year diploma program which will be offered to the selected scholars.

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228. This paper presents ways in teaching indigenous peace concepts from Visayan fisherfolks and farmers through their integration to the teaching of the Philosophy of the Human Person. This study aims to determine fisherfolks and farmers' notions of peace through the qualitative research method of hermeneutic phenomenology. This study finds out that the respondents understand peace through the concept of Kinabuhi sa Kinaiyahan , Gugma sa Isig ka Tawo and Pagsalig ug Pagtuo sa Ginoo. These concepts are fit to be integrated in the four significant lessons of the course. This study concludes that this research has given marginalized people a chance to air their voices. This study also concludes that the integration of indigenous peace concepts has made the teaching of Philosophy more meaningful and relevant. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/231>

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229. Although past studies have validated the importance of active class participation in facilitating student learning, evaluating class participation remains a major issue. This study applies a token economy system to a Philippine university by awarding token currency to students who contributed meaningfully in class. After course completion, an online survey was administered to the 65 participating students, of which there were 26 completed responses. There was no evidence that the token economy increased student performance. However, survey results, coupled with student feedback, suggest that using a token economy is a viable alternative to traditional methods of evaluating student participation. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/217>

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230. Fire incidence is a big problem for every local government unit in the Philippines. The two most detrimental effects of fire incidence are economic loss and loss of life. To mitigate these losses, proper planning and implementation of control measures must be done. An essential aspect of planning and control measures is prediction of possible fire incidences. This study is conducted to analyze the historical data to create a forecasting model for the fire incidence in Davao City. Results of the analyses show that fire incidence has no trend or seasonality, and occurrences of fire are neither consistently increasing nor decreasing over time. Furthermore, the absence of seasonality in the data indicate that surge of fire incidence may occur at any time of the year. Therefore, fire prevention activities should be done all year round and not just during fire prevention month. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/828>

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231. Golden State Warriors Conditioning Coach Jefferson Codera is among this year's USJ-R ETEEAP graduates!Today, he is joined by his family to mark a new milestone as a graduate of BSBA-Operations Management.The 40-year-old graduate is known in the sports world for having received his third golden ring from the Golden State organization on account of the Warriors winning the crown in the 2021-2022 NBA season. He got his first two rings when the Warriors, headlined by the powerful troika of Stephen Curry, Klay Thompson and Draymond Green, clinched back-to-back titles in 2017 and 2018.

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232. RMRJ does not endorse significant publication overlap. When overlap is necessary, it is only permitted if the manuscript may advance the field of study, has the explicit endorsement of the original publication, and cites the original source. (Cambridge University Press, Version 4.0, September 20, 2021).

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### 233. Undergraduate Degree Programs

The University of San Jose-Recoletos is open to students who meet its academic standards and who are personally qualified to acquire a formal education, and willing to abide by the rules and ideas of the institution.

## Computer Science

It aims to produce IT professionals who will specialize in research, design and development of different computer and information systems

### Computer Science, Bachelor Science [BSCS]

#### Information Technology

This program is responsive to the nations thrust to promote the development of information technology to spur productivity, growth and global competitiveness; and to produce a base of IT professionals and experts to meet a large workforce demand potential.

#### Information Technology, Bachelor Science [BSIT]

Also Available: [MIT] [Masters Degree]

#### Information Systems

This program is responsive to the nations thrust to promote the development of information technology to spur productivity, growth and global competitiveness; and to produce a base of IT professionals and experts to meet a large workforce demand potential.

### Information Systems, Bachelor Science [BSIS]

#### Computer Technology

This course prepares you for planning, design and development of computer systems and programs. Students are trained to write programs using a number of computer languages including C, C++ and java.

### Computer Technology, Associate Degree [ACT]

#### ENTERTAINMENT AND MULTIMEDIA COMPUTING

The program enables the students to be knowledgeable of the whole pipeline of Game Development. The students will acquire the independence and creative competencies to articulate project design and requirements of new projects, not necessarily based on standard templates.

Entertainment and Multimedia Computing [BSEMC]title: School of Computer Studies (SCS) Undergraduate Degree Programs, link: <https://usjr.edu.ph/scs/degrees/undergraduate/>

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## 234. UNIVERSITY OF SAN JOSE-RECOLETOS

### COLLEGE OF INFORMATION, COMPUTER AND COMMUNICATIONS TECHNOLOGY

#### BASAK CAMPUS, CEBU CITY

#### BACHELOR OF SCIENCE IN INFORMATION SYSTEMS

(EFFECTIVE 2015-2016)

ID NO.

NAME

ADVISER

BATCH NO.

CONTACT NO./ E-MAIL AD

FIRST YEAR FIRST SEMESTER

FG COURSE

NO.

#### DESCRIPTION UNITS PREREQUISITES

COMP 1 Introduction to Computing 3 none

PROG1 Computer Programming 1 3 none

MATH 1 College Algebra 3 none

MATH 2 Plane Trigonometry 3 none

ENGLISH 1 Study and Thinking Skills 3 none

REED 1 Revelation and Faith 3 none

PE 1 Physical Fitness 2 none

ROTC/CWTS 11 Reserved Officer Training Corps/Civic Welfare Training Service 3 none



GUIDANCE 1 Adjustment to College Life Phase 1 0 none  
23

## FIRST YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

IS Fundamentals of Information Systems 3 COMP

PROG2 Computer Programming 2 3 PROG1

WEB Web Development 3 COMP1

MATH 4 Analytic Geometry 3 MATH1, MATH2

ENGLISH 2 Writing in the Discipline 3 ENGLISH 1

REED 2 Christology 3 REED 1

PE 2 Rhythmic Activities 2 PE 1

ROTC/CWTS 12 Reserved Officer Training Corps/Civic Welfare Training Service 3 ROTC/CWTS 11

GUIDANCE 2 Adjustment to College Life Phase 2 0 GUIDANCE 1

23

## SECOND YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

DATASTRUCT 1 Data Structures and Algorithms 3 PROG 2

PT Platform Technologies 3 PROG 2

DM 1 Organization and Management Concepts 3 IS

ACCTG A Fundamentals of Accounting 3 none

ENGLISH 3 Speech Improvement & Oral Communication 3 ENGLISH 2

CHEM 1 General Chemistry (Lec/Lab) 3 none

REED 3 Church and Sacraments 3 REED 2

PE 3 Individual/Dual Sports/Games 2 PE 2

23

## SECOND YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

HCI Human Computer Interaction 3 PROG2

DM 2 Financial Management 3 DM 1, ACCTG A

IM 1 Information Management 1 3 DATASTRUCT 1

NET 1 Data Communications and Networking 1 3 PT

MATH 7 Statistics and Probabilities 3 none

ENGLISH 4 Philippine Literature 3 ENGLISH 2

REED 4 Christian Morality 3 REED 3

PE 4 Team Sports/Games 2 PE 3

23

## THIRD YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

DM 3 Business Process Management 3 DM 2

SAD System Analysis and Design 3 DATASTRUCT 1, IM 1

QM Quantitative Methods 3 MATH 7

IS ELEC 1 IS Elective 1 3 NET 1

APPSDEV 1 Application Development and Emerging Technologies 1 3 DATASTRUCT 1, IM 1

POLSCI 1 Phil. History, Government and Constitution 3 none

PHILO 1 Logic 3 none

FILIPINO 1 Komunikasyon sa Akademikong Filipino 3 none

24

### THIRD YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

CAPSTONE 1 Capstone Project 1 3 IS ELEC 1, RESEARCH

PROJMG 1 IS Project Management 1 3 SAD

IS ELEC 2 IS Elective 2 3 QM

APPSDEV 2 Application Development and Emerging Technologies 2 3 APPSDEV 1

RESEARCH Methods of Research in Computing 3 SAD

TECHNO Technopreneurship 3 ENGL 3, 3RD Year Standing

FILIPINO 2 Pagbasa at Pagsulat tungo sa Pananaliksik 3 FILIPINO 1

PHYS 1 College Physics 1 (Lec/Lab) 3 none

24

SUMMER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

STRATMG 1 IS Strategy, Management and Acquisition 3 IS ELEC 2, RESEARCH

IS ELEC 3 IS Elective 3 3 IS ELEC 2

SP Social Issues and Professional Practice 3 None

9

### FOURTH YEAR FIRST SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

PROJMG 2 IS Project Management 2 3 PROJMG 1

CAPSTONE 2 Capstone Project 2 3 CAPSTONE 1

IS ELEC 4 IS Elective 4 3 4th YEAR STANDING

PSYCHO 1 General Psychology w/ Drug Addiction and Prevention 3 none

RIZAL Life, Works and Writings of Dr. Jose Rizal 3 none

ECON 1 Economics with Taxation and Agrarian Reform 3 none

SOCIO 1 Society and Culture 3 none

HUMANITIES 1 Art Appreciation 3 none

24

### FOURTH YEAR SECOND SEMESTER

FG COURSE

NO.

DESCRIPTION UNITS PREREQUISITES

PRAC Practicum 6 4th YEAR STANDING

SEMTOUR Seminars and Tours 3 4th YEAR STANDING

9

### IMPORTANT GUIDELINES:

The student is NEVER ALLOWED to enroll in a subject without having finished/passed the subject's pre-requisites. The department may

not give credit to subjects not taken in the proper order.

The student is eligible to enroll ITREVIEW and SEMTOUR after completing 70% of the total number of units (MAJOR COURSES) in the curriculum.

The student is required to render full-time internship in the second semester of his fourth year.

List of Electives Prerequisites

IS ELECTIVE 1 Enterprise Systems NET 1

IS ELECTIVE 2 Descriptive Business Analytics QM

IS ELECTIVE 3 Predictive Business Analytics IS ELEC 2

IS ELECTIVE 4 IT Security and Management 4th Year Standingtitle: Prospectus of Bachelor of Scien

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235. Join our candidates for graduation in the senior high school level this 2023 as they give thanks to the Lord as well as show appreciation to their parents, friends, and guardians before they conclude their academic journey in the basic education level tomorrow. #USJRat75 #TakingYouForwardSince1947

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236. Hello, Dear Josenians! Please read and share. Thank you.OFFICE of the Director of Student Affairs and Services  
ATTENTION: COLLEGE & SENIOR HIGH SCHOOL STUDENTS SCHEDULE OF UNIFORM MEASUREMENT MAIN CAMPUS TIME BASAK CAMPUS USJ-R Main Lobby In front of the Bokstore 10:00AM-4:30PM 2nd Floor SEM bldg beside at Student Affairs Office (college and SHS Students) USJ-R MAIN SCHEDULE Monday -ROBINVETTE (326-8344) College &SHS Tuesday - BERNASFASHON (521518) College only As scheduled on a rotational basis SHS only Wednesday - CLOTHESTIME (490-013) College &.SHS Thursday -CRIS & REDZ (09260374509) College & SHS. Friday - As scheduled on a rotational base. USJ-R BASAK SCHEDULED (BOTH COLLEGE AND SHS) Monday -CLOTHESTIME (490-0113) Tuesday -CRISGREDZ (09260374509) Wednesday - ROBINVETTE (328-8344) Thursday - A scheduled on a rotational bass Fridoy - Asscheduled on a rotational basis.

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237. ANNOUNCEMENT: We are very pleased to inform you that our very own Pathfit Prof. Jan Hector Obando, MAT-PE, LPT, has been designated a NATIONAL COACH for volleyball by the Philippine National Volleyball Federation, effective July 1, 2023. Prof. Obando was able to obtain this certification by completing a series of written and practical examinations on volleyball from June 27 to July 1, 2023 at the Lourdes College Gymnasium in Cagayan de Oro City. Furthermore, Prof. Obando s excellent showing in the exams landed him in the top 10 list, making him eligible to join the International Certificate Course 2023 on July 24-28, 2023 at the Rizal Memorial Stadium, Manila. This is yet another testimonial to the USJ-R School of Education s unparalleled excellence when it comes to molding its faculty members to become the best versions of themselves and outcompete the rest of the field. Congratulations on this milestone, Sir Jan! Your USJ-R SED family is so proud of you! Adelante! #SEDEXcellence #TakingYouForwardSince1947 #JosenianEducatorsCONGRATULATIONS JAN HECTOR Y. OBANDO, MAT-PE, LPT NATIONAL COACH PHILIPPINE NATIONAL VOLLEYBALL FEDERATION

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238. #USJRAdvisory | All classes are suspended tonight due to unfavorable weather conditions as per the Office of the Vice President for Academics and Research. This will take effect immediately (5:20PM onwards). Further updates will be posted on this digital platform of the University. #TakingYouForwardSince1947

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239. The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

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240. A thanksgiving mass at the Recoletos Coliseum was conducted on the first day of June to send-off our Grade 10 completers to their next academic level. It was attended by the school administrators, teachers, parents, guardians, and friends of the completers. --- Enrollment in the USJ-R Junior High School is ongoing. Click here to learn more: <https://www.facebook.com/media/set/?set=a.10160522283548351&type=3> #USJRat75 #TakingYouForwardSince1947

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241. Prior General Fray Miguel ngel Hern ndez Dom nguez, OAR met with the Augustinian Recollect community in Cebu including the friars, AR sisters, school administrators, Josenian students, faculty members, and office professionals.

As the highest official in the order of Augustinian Recollects, he answered concerns raised by the audience in an open forum. Moreover, he urged the teachers to be good shepherds to the students. For the students, he encouraged them to be resilient as they live in a competitive world and find a dignified job after graduation.

The Prior General was welcomed with a series of performances from the Adelante Dance Troupe and the Liturgical Yodelers Recoletos.

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242. Dengue is a mosquito-borne viral infection (DENV serotypes 1-4) that imposes a serious health and economic burden in tropical and sub-tropical countries around the world. Increasing atmospheric temperature had changed the dynamics of the mosquito habitats and thereby influences distribution of these mosquito vectors. We examined the increase in the number of countries within the regions of Asia, Africa, and the Americas reporting laboratory confirmed

dengue cases caused by DENV-1 as a response to increasing global surface temperature difference. Data on the number of countries with confirmed reports of dengue (Messina et al. 2014) and surface temperature difference (General Circulation Model) were subjected to scatter plots and linear regression. There were 113 recorded countries across three regions (America=44, comprising the North and South; Africa=28; and Asia=41) reporting dengue incidence from 1943 to 2013, of which 98 countries (America=41; Africa=20; and Asia=37 with the inclusion of Australia) reported confirmed dengue cases caused by DENV-1. Findings suggest that the effect of temperature to the expansion of dengue varies dramatically in certain groups of country. Here, we explore three patterns (PAT) of expansion response where 1) continuous increase in temperature results into a continuous increase in the number of countries with dengue cases (PAT-A), 2) initial increase in temperature results into increase in the number of countries with dengue cases but subsequent increase in temperature results in the decline of dengue expansion (PAT-B), and 3) initial increase in temperature results into higher rate of dengue expansion but continued increase slows it down (PAT-C). PAT-A represented the majority of these countries, including 10 out of 11 countries in Southeast Asia. These results are in congruence with the past studies that supports dengue expansion to be temperature-dependent. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/121>

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243. We reserve the right to review all contributions using proper plagiarism detection software, such as Turnitin. The journal permits a similarity rating of no more than 10%. Submissions that have more than the permitted rating will be rejected or given the option to resubmit. We will adhere to the procedures indicated in the Retractions section of these guidelines if plagiarism is found after publication. Any allegations of plagiarism should be reported to us by our readers, reviewers, and editors.

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244. Governance has become an increasingly important factor in the investment decisions of firms and investors. Thus, it is important to determine the quality and composition of corporate boards, which are vital overseers who act in the best interests of shareholders to improve and strengthen them. While interlocking directorates are not a recent occurrence in the Philippines, updated literature on the structure of the country's board interlock network is sparse. Thus, this study provides a baseline snapshot by analyzing all 251 publicly-listed companies on the Philippine Stock Exchange at the director and board levels. More so, the study utilizes social network analysis tools to describe the properties of interlocking directorates and visually maps out the social network that underpins these relationships. It reveals that the board network is extensive, with almost 90% of firms connected, thanks to a handful of key directors who have high degrees of connectivity. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1212>

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245. Our pre-kindergarten and kindergarten pupils together with their parents and guardians culminate Academic Year 2022- 2023 today at the Recoletos Coliseum. Awards were given to the achievers and the parents & guardians were treated with performances by the pupils. Click here to learn how to enroll and join our Josenian family: [#USJRat75 #TakingYouForwardSince1947](https://www.facebook.com/media/set/?set=a.10160522276123351&type=3)

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246. The study is about the feed additives present in medicinal leaves was conducted to investigate the antibacterial and the phytochemical composition of the ethanolic leaf extract present in different medicinal leaves. Ethanolic extracts of *Persia americana* (avocado), *Psidium guajava* (guava), and *Moringa olifera* (malunggay) were tested using the paper disc diffusion method for antibacterial agent against the common poultry pathogens *Escherichia coli* and *Staphylococcus aureus*. Guava and avocado extract showed almost all the secondary metabolites screened while only flavonoids and alkaloids were present in the malunggay extract. The presence of secondary metabolites applied to broiler chicks as feed additives enhances the growth performance of the chicken. There were five treatments groups identified as distilled water, Vetracin, avocado decoction, guava decoction, and malunggay decoction. Using a statistical analysis of one-way ANOVA and Duncan's Multiple Range Test (DMRT), final weight and the weight gained has significant differences including some body parts of the chicken while the final circumferential measurement doesn't have a significant difference. Among the treatments, guava decoction had better weight yield among the experimental medicinal leaves. Therefore, this can be an alternative substitute for antibiotics in the chicken production and one way of eliminating the use of synthetic antibiotic application is through the utilization of the natural antibiotic extract from medicinal leaves which lessen the side effect in the treated animals and consumers. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/24>

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247. Let  $G$  be a connected simple graph. A nonempty subset  $S$  of the vertex set  $V(G)$  is a clique in  $G$  if the graph  $\langle S \rangle$  induced by  $S$  is complete. A clique  $S$  in  $G$  is a clique dominating set if it is a dominating set. Let  $C$  be a minimum clique dominating set in  $G$ . The clique dominating set  $S \setminus V(G) \setminus C$  is called an inverse clique dominating set with respect to  $C$ .

The minimum cardinality of inverse clique dominating set is called an inverse clique domination number of  $G$  and is denoted by  $\text{icl}_1(G)$ . An inverse clique dominating set of cardinality  $\text{icl}_1(G)$  is called  $\text{icl}_1$ -set of  $G$ . In this paper we investigate the concept and give some important results. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/163>

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248. This paper recognizes the presence of sovereign debt as primary means of financing its expenditures. It practically covers the gaps between cash outflows and inflows from a country's revenues such as those coming from taxes. However, when a country's debt goes too high that it already has difficulty in paying it off, sovereign bankruptcy occurs. This study dwells at the factors that lead to sovereign bankruptcy among ASEAN countries in terms of business confidence, credit management, resource availability and market stability. To measure the indicators in determining the nations in the verge of being bankrupt, the researchers use the data depicting the corruption perception index, GDP and investment climate index. Furthermore, data regarding the ease of doing business rankings, credit ratings, surplus/deficit of the government budget, external debt, current account balance and inflation rate are also considered. These indicators are believed to be suggestive of a country's capability of sustaining its overall debt, highlighting the point that an ASEAN country should take into account all its resources to ensure that it doesn't go bankrupt as a nation especially now that it is looking into integrating itself into one economic ASEAN community. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/27>

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249. RMRJ picks its reviewers through its editorial office. When a manuscript arrives, an editor solicits reviews from scholars or other experts to referee the manuscript. The identities of the referees selected by the Editorial Board are kept unknown to research authors. However, the reviewer's identity can be disclosed under some particular circumstances. Disclosure of Peer Review can be granted under the following grounds: as evidence to prove that the published paper underwent peer review as required by the University for ranking and financial incentives, for regulatory bodies such as the Commission on Higher Education, Accreditation of Academic Programs. Requests for peer review results shall be made in writing.

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250. TODAY IN HISTORY Exactly 76 years ago, the University of San Jose - Recoletos (formerly Colegio de San Jose-Recoletos) opened its first school year. The student population was 940, a figure beyond the expectations of the Augustinian Recollect friars. Fray Martin Legarra worked as administrator along with Esteban Tejedor, Alfred Rennix, and Miguel Navarro. #TakingYouForwardSince1947 History of Augustinian Recollects in Cebu Since 1621: Studies and Sources by Emmanuel Luis A. Romanillos (2021) Exactly 76 years ago, the University of San Jose - Recoletos (formerly Colegio de San Jose Recoletos) opened its first school year. The student population was 940, a figure beyond the expectations of the Augustinian Recollect friars. Fray Martin Lagarra worked as administrator long with Esteban Tejedor, Alfred Rennix, and Miguel Navarro

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251. Join the Recollect community as we celebrate the 50th anniversary since Rev. Fr. Hernando Coja, OAR was ordained as a priest. He is the first elected Filipino president of then Colegio de San Jose- Recoletos, present-day USJ-R. His administration also started the movement to make CSJ-R into a University. At 82, Fr. Coja has served USJ-R for almost four decades. He has also served in Recollect schools and parish in Negros Occidental. #TatakRekoleto

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252. Because of COVID-19, people have felt the social distance and have resorted to the internet for information needs. Hence, fake news has become prevalent as people rely on information explored online. This research aims to examine the social-cultural impacts of fake news adaptation behavior from the social psychological perspective by investigating the relationship between collectivism, social support, sense of belonging, social endorsement, fear of missing out, perceived credibility, issue involvement, and adaptation on fake news among young adults in Malaysia. A quantitative research approach with an online self-administered survey was conducted, and 451 responses were obtained through snowball sampling. In the data analysis, measurement and structural equation modeling were adopted. Findings showed that the relationships among adaptation behaviors on fake news were significantly supported. This research consummates the understanding of the influences of social-cultural (collectivism) on the judgment formation of adaptation among internet users on fake news. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1322>

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253. Language as a major contestation site for power can manifest linguistic behavior between sexes to negotiate their power. Framed within the poststructuralist framework, this study explored a female radio host's discursive strategies to negotiate power in the context of Philippine media. Dominant discourse strategies identified include topic control, utterance length, minimal response, and overlapping. Topic control was utilized to dominate the flow of discourse while

utterance length was used to minimize turns thereby allowing the female host to establish dominance during the live conversations. Although considered a weak discourse strategy, minimal responses were used not solely for the purpose of solidarity but to introduce the female radio show host's ideas. Overlapping was another strategy identified to control and negotiate power. On an interesting note, prosodic elements were found to be likewise used to negotiate power. The study sheds light on previously claimed weak discourse strategies identified with women. Weak language in this study as well as discourse strategies associated with men has been found to be used by women as means to an end as a strategy to negotiate positions of dominance within power relations involving the opposite sex. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/242>

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254. Rainforestation (RF) is a reforestation strategy designed to address the problem of dwindling Philippine forest landscapes by planting native trees to unproductive and idle lands. It was introduced in the early 1990s to ensure that forests only have species that are endemic in the country. Using the method of hermeneutic phenomenology, this paper concludes that the Philippine indigenous tree species have enhanced the viability of Rainforestation as a major conservation strategy in the Philippines as compared to the exotic trees used by the government in the 1970s and 1980s and therefore, is very significant in promoting biodiversity and sustainable development. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/280>

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## 255. Bachelor of Science in Information Systems

### About this Course

The BS Information Systems Program includes the study of application and effect of information technology to organizations. Graduates of the program should be able to implement an information system, which considers complex technological and organizational factors affecting it. These include components, tools, techniques, strategies, methodologies, etc. Graduates are able to help an organization determine how information and technology-enabled business processes can be used as strategic tool to achieve a competitive advantage. As a result, IS professionals require a sound understanding of organizational principles and practices so that they can serve as an effective bridge between the technical and management/users communities within an organization. This enables them to ensure that the organization has the information and the systems it needs to support its operations.

### Careers

Systems and Applications Programmer

Systems Analyst/Designer

Database Designer/Administrator

Software Engineer

Algorithm Analyst

Software Specialist

### Admission Requirements

Applicants are expected to have:

completed Senior Highschool

### Duration

4 Years

### Campus

University of San Jose Recoletos, Basak Campus

### Units and Electives

To attain the award of Bachelor of Science in Computer Science, students must successfully complete:

99 Academic Units

99 Elective Units

title: About Bachelor of Science in Information System (BSIS or IS), link: <https://usjr.edu.ph/scs/degrees/undergraduate/bsis/>

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256. Seven Arcores delegates from Spain made a courtesy visit to USJ-R administrators earlier today. They are in the University for an orientation for their Cultural Integration Program before they will be deployed to Recollect missions in Apo Island and Talisay City in Negros Occidental. #TakingYouForwardSince1947

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257. This paper primarily compares the spiritual well-being of students in a Catholic university classified according to their self-ascribed identity as creative and orthodox Catholics. With the use of a survey questionnaire, the demographic and academic profile and church involvement of students were first established and subsequently associated with their self-ascribed Catholic identity using Chi-square test. Meanwhile, the spiritual wellbeing of students was measured using the standardized 20-item Spiritual Well-Being Scale (SWBS) test developed by Paloutzian and Ellison (1982). The t-test and one-way Analysis of Variance were employed to differentiate the spiritual well-being scores of students grouped according to their demographic and academic profile and church involvement. This paper shows that the orthodox Catholics significantly scored higher in spiritual well-being than the creative Catholics. Thus, teaching the meanings of Catholic beliefs and practices should be enriched with practical relevance so students would consider them not merely as part of Catholic rituals. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/766>

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258. To promote financial inclusivity while being responsive to technology demands, the Philippine government implemented a framework that requires banks to improve and innovate their payment systems. The introduction of the National Retail Payment System raises the question of whether the aim of Bangko Sentral ng Pilipinas in advancing digital financial inclusion significantly impacts the financial stability of universal and commercial banks. This correlational study examines the impact of digital financial inclusion on bank stability utilizing principal component analysis and linear regression analysis from a dataset of 19 universal and commercial banks from 2017 to 2019. Findings showed that a higher level of digital financial inclusion is associated with higher banking stability for Philippine universal and commercial banks. While the results support the study hypothesis of a positive relationship between the two (2) variables, the statistical significance cannot be guaranteed at the outset of this analysis due to the limited number of years examined. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1407>

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259. We had a blast during this year's Gabii sa Kabilin! It's our first time to participate as an official site. We had a historical exhibit, a show, and a food bazaar featuring the delicacies of Recollect-founded/administered towns. We are also honored to be the co-organizer for the GSK opening at the Freedom Park and proud to bring the first ever GSK live coverage. See you again at the GSK next year Gabii sa Kabilin May 23 at 5:23 PM Gabii sa Kabilin 2023 was another night for the books. It was hard to fit 6 hours of museum hopping, unique presentations, and eating, in a video, but we did it! Thank you all for coming out to join us in rediscovering our identity and sense of community. We look forward to seeing you all next year! #GabiisaKabilin2023

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260. Atang (food offering) is an indigenous ritual for the dead in the Northern Philippines. The atang ritual is thought to be a part of the cultural and religious contexts of the Ilocano people. This research argued that the Ilocanos practice of atang ritual is compatible with the Catholic Doctrine on the Communion of Saints. This study utilized descriptive and contextual approaches in doing inculturation. It used the purposive sampling technique to Ilocano participants and discussed the development of doing a local theology of atang ritual in the faith of Ilocano Catholics. Results of the study revealed that the atang ritual has significant implications in the faith of the Ilocano Catholics in terms of the importance of remembering the dead as way to elaborate the doctrine of the communion of Saints. Thus, the concept of the communion of saints can be understood in the context of food offering for the dead. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/586>

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261. This study determines why Gross Regional Domestic Product per Capita (GRDP) differs across regions in the Philippines vis-à-vis population rate, tertiary graduate rate, and crime rate as factors. Using Minitab, it examines the secondary data sets based on every group from various regions of the country. Findings show that educated human capital converge more in highly developed areas where risks matter less and safety measures exist. This results to a concentrated high GRDP in some. It further reveals that index and non-index crime rate is not a hindrance for a person to move in the area with many opportunities as long as life is not at stake. There were more educated individuals in regions with lower GRDP; however, they practiced and worked in highly developed areas and where law is enforced, eyeing a better condition of life. By implication, it results to concentration of educated labor force in areas with better opportunities. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/260>

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262. With the advancing technology, online shopping is pacing fast. This calls for looking into factors that influence a consumer's decision to buy online. With this, the present study investigated four variables namely consumer innovativeness, perceived benefit, perceived risk, and brand image and its impact toward consumer's decision to buy online. To address this aim, four hundred eighty (480) participants were recruited online and randomly assigned into one of the sixteen treatment conditions with the presence and/or absence of the four variables being investigated. Results of

two-way analysis of variance showed that, in an online selling platform, the presence of consumer innovativeness and perceived benefit, the presence of perceived benefit and perceived risk, and brand image had significant influence in one's decision to buy online. Findings provide implications towards improving an online website's shopping platform which may motivate the consumer to buy. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/304>

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263. RMRJ welcomes the submission of comments on previous articles. Comments on articles previously published in the journal will generally be reviewed by two reviewers, usually an author of the original article (to assist the editor in evaluating whether the submitted comment represents the previous article's accuracy) and an independent reviewer. The original author will be invited to reply if a comment is accepted for publication. All other editorial requirements, as enumerated above, apply to proposed comments.

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264. LIVE | Watch the 113th USJ-R Commencement Exercise via our official YouTube Channel. [YOUTUBE.COM 113th USJ-R Commencement Exercises](https://www.youtube.com/watch?v=113thUSJRCommencementExercises)

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265. Peer review (also known as refereeing) is the process of subjecting an author's scholarly work, research, or ideas to the scrutiny of others who are experts in the same field. It requires a community of experts in a given (and often narrowly defined) field who are qualified and able to perform impartial reviews. Likewise, it also refers to the work done while screening submitted manuscripts and funding applications. This normative process encourages authors to meet the accepted standards of their discipline. It prevents disseminating unwarranted claims, unacceptable interpretations, and personal views. Peer review increases the probability that weaknesses will be identified and fixed. For both grant funding and publication in a scholarly journal, it is also usually required that the subject be both novel and substantial.

Reviewers and editors are responsible for providing a constructive and prompt evaluation of submitted research papers based on the significance of their contribution and the rigors of analysis and presentation.

There are two or three referees for a given article. Two are experts on the topic, and one is an expert in research and statistics who shall review the technical components of the research. These referees revert the evaluation of the work that indicates the observed weaknesses or problems along with suggestions for improvement. The board then evaluates the referees' comments and notes the opinion of the manuscript before passing the decision with the referees' comments back to the author(s).

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266. Witness our Grade 12 students conclude their academic journey today at the Recoletos Coliseum. This is the sixth commencement exercises for the USJ-R Senior High School. #USJRat75 #TakingYouForwardSince1947

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267. In the Philippines, the installation of solar panels on the rooftops of residential and commercial buildings has increased in popularity. Even if the country has high solar insolation, energy conversion is still inefficient since the solar panel arrays are not always facing in perpendicular to the sun. Technologies related to increasing the solar panel efficiency such as solar trackers are usually complex and expensive. This problem is addressed by designing a low cost dual axis solar tracker with the integration of specular reflector system. The dual axis tracker system can move the panel and the reflector assembly in a precise and controlled manner to ensure maximum output. This was achieved by using a LDR (Light Dependent Resistor) compass assembly, gear system, and stepper motor mechanism. To measure the solar panel output, a voltage sensing circuit was incorporated instead of using the existing optical and time-based techniques. The system performance was tested in both the controlled and the actual environments. Experimental data have shown that when the panel is perpendicular to the light source, the system yields maximum energy. The need for a tracking and planar reflector system is notably important when the light source moves away from the normal because this results to a significant drop of the panel's average efficiency. The addition of the tracker alone had greater enhancement effect than with the specular reflector only. The tracker boosts the efficiency by 69.55% while the specular reflector boosts it by only 15.12%. Combining the tracker and the specular reflector yields the best result with a 92.33% boost on the average efficiency. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/210>

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268. Recognizing the human dimension on participation to environmental conservation initiatives, this study determined the socio-economic characteristics of stakeholders in Bataan Coastal Resource Management (CRM) and how these variables influence their participation in the process. Data were collected through a survey. Four variables revealed to be independent indicators of high or poor CRM participation: the stakeholders' locality income class, age, level of education, and household size. These indicators are important matters to cogitate for they are indirect drivers of the success or failure of CRM activities. It is concluded that Bataan CRM in the Philippines needs to be reviewed to tackle



socio-economic barriers to engagement. Assessment of the process of selecting Bataan CRM participants; strengthened information, education, and communication component through an enriched content and rationalized delivery; institution of a unified CRM database system; and establishment of a provincial CRM research center are all recommended to counteract stakeholder estrangement and unresponsiveness to CRM efforts. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/324>

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269. The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

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## 270. Bachelor of Science in ENTERTAINMENT AND MULTIMEDIA COMPUTING

### About this Course

Entertainment and Multimedia Computing is the study and use of concepts, principles, and techniques of computing in design and development of multimedia products and solutions It includes various applications such as in science, entertainment, education, simulations and advertising.

The program enables the students to be knowledgeable of the whole pipeline of Game Development. The students will acquire the independence and creative competencies to articulate project design and requirements of new projects, not necessarily based on standard templates.

### Careers

Primary career targets for EMC graduates:

Design and development of multimedia products and solutions

Game developer

### Admission Requirements

Applicants are expected to have:

completed Senior Highschool

### Duration

4 Years

### Campus

University of San Jose Recoletos, Basak Campus

### Units and Electives

To attain the award of Bachelor of Science in Computer Science, students must successfully complete:

99 Academic Units

99 Elective Unittitle: About Bachelor of Science in Entertainment and Multimedia Computing (BSEMC or EMC), link: <https://usjr.edu.ph/scs/degrees/undergraduate/act/>

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271. The paper assesses the solid waste management awareness, attitude, and practices of the employees and students of a Catholic higher education institution in the Philippines. Using a descriptive research design, the data were collected using a self-administered survey questionnaire and analyzed using descriptive and inferential statistics. The major findings of the study show that the respondents demonstrated a very high level of awareness and attitude and high extent of practice of solid waste management. A significant difference was found in the awareness, attitude, and practices of respondents when they were grouped according to status and religion. Also, the findings established the relationship between awareness and attitude on one hand and the extent of practice of solid waste management. Awareness, attitudes, and practices were significantly related to age and educational level, except for sex which showed no correlation with attitude and practices. Generally, this paper validates how knowledge influences attitude that subsequently determines behavior particularly in solid waste management as intervened by appropriate environmental education. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/312>

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272. UNIVERSITY OF SAN JOSE-RECOLETOS  
COLLEGE OF INFORMATION, COMPUTER AND COMMUNICATIONS TECHNOLOGY  
BASAK CAMPUS, CEBU CITY  
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY  
(EFFECTIVE 2015-2016)  
(Ladder type Curriculum-First two years)

ASSOCIATE IN COMPUTER TECHNOLOGY (ACT)

ID NO.

NAME

ADVISER

BATCH NO.

CONTACT NO./ E-MAIL AD

FIRST YEAR FIRST SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

COMP 1 Introduction to Computing 3 None

PROG1 Computer Programming 1 3 None

MATH 1 College Algebra 3 None

MATH 2 Plane Trigonometry 3 None

ENGLISH 1 Study and Thinking Skills 3 None

REED 1 Revelation and Faith 3 None

PE 1 Physical Fitness 2 None

ROTC/CWTS 11 Reserved Officer Training Corps/Civic Welfare Training Service 3 None

GUIDANCE 1 Adjustment to College Life Phase 1 0 None

23

FIRST YEAR SECOND SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

DISCRETE 1 Discrete Structures 1 3 MATH 1

PROG2 Computer Programming 2 3 PROG1

WEB Web Development 3 COMP 1

MATH 4 Analytic Geometry 3 MATH1, MATH2

ENGLISH 2 Writing in the Discipline 3 ENGLISH 1

REED 2 Christology 3 REED 1

PE 2 Rhythmic Activities 2 PE 1

ROTC/CWTS 12 Reserved Officer Training Corps/Civic Welfare Training Service 3 ROTC/CWTS 11

GUIDANCE 2 Adjustment to College Life Phase 2 0 GUIDANCE 1

23

SECOND YEAR FIRST SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

DATASTRUCT 1 Data Structures and Algorithms 3 PROG2

DIGITAL Digital Logic Design 3 COMP 1

PT Platform Technologies 3 PROG 2

CHEM 1 General Chemistry (Lec/Lab) 3 None

ENGLISH 3 Speech Improvement & Oral Communication 3 ENGLISH 2

HUMANITIES I Art Appreciation 3 None

REED 3 Church and Sacraments 3 REED 2

PE 3 Individual and Dual Sports/Games 2 PE 2

23

SECOND YEAR SECOND SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

PSYCHO 1 Gen. Psychology w/ Drug Addiction and Prevention 3 None

OOP Object Oriented Programming 3 DATASTRUCT 1

IM 1 Information Management 1 3 DATASTRUCT 1

NET 1 Data Communications and Networking 1 3 PT, DIGITAL

MATH 7 Statistics and Probabilities 3 None

ENGLISH 4 Philippine Literature 3 ENGLISH 2

REED 4 Christian Morality 3 REED 3

PE 4 Team Sports/Games 2 PE 3

23

SUMMER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

QM Quantitative Methods 3 MATH 7

SP Social Issues and Professional Practice 3 None

HCI Human Computer Interaction 3 PROG 2

9

THIRD YEAR FIRST SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

IM 2 Information Management 2 3 IM 1

NET 2 Networking 2 3 NET 1

IT ELEC 1 IT Elective 1 3 OOP

APPSDEV 1 Applications Development and Emerging Technologies 1 3 DATASTRUCT 1, IM 1

SAD Systems Analysis and Design 3 DATASTRUCT 1, IM 1

OS Operating Systems 3 PT

ACCTG A Fundamentals of Accounting 3 None

FILIPINO 1 Komunikasyon sa Akademikong Filipino 3 None

24

THIRD YEAR SECOND SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

IAS Information Assurance and Security 3 PT, NET 2

IT ELEC 2 IT Elective 2 3 IT ELEC 1

SIA System Integration and Architecture 3 SAD

RESEARCH Methods of Research in Computing 3 SAD

IM 3 Information Management 3 3 IM 2

TECHNO Technopreneurship 3 ENGL 3, 3rd YEAR STANDING

FILIPINO 2 Pagbasa t Pagsulat tungo sa Pananaliksik 3 FILIPINO 1

PHYS 1 College Physics 1 (Lec/Lab) 3 None

24

SUMMER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

CAPSTONE 1 Capstone Project 1 3 IT ELEC 2, RESEARCH

IPT Integrative Programming and Technologies 3 OOP, NET 2

IT ELEC 3 IT Elective 3 3 IT ELEC 2

9

FOURTH YEAR FIRST SEMESTER

FG COURSE

NO. DESCRIPTION UNITS PREREQUISITES

SA Systems Administration and Maintenance 3 PT, NET 2

CAPSTONE 2 Capstone Project 2 3 CAPSTONE 1

POLSCI 1 Phil. History, Government and Constitution 3 None

ITREVIEW Certification Exam Review 3 4th YEAR STANDING

RIZAL Life, Works and Writings of Dr. Jose Rizal 3 None

ECON 1 Economics with Taxation and Agrarian Reform 3 None

SOCIO 1 Society and Culture 3 None

PHILO 1 Logic 3 None

24

#### FOURTH YEAR SECOND SEMESTER

#### FG COURSE

#### NO. DESCRIPTION UNITS PREREQUISITES

PRAC Practicum 6 4th YEAR STANDING

SEMTOUR Seminars and Tours 3 4TH YEAR STANDING

9

#### IMPORTANT GUIDELINES:

The student is NEVER ALLOWED to enroll in a subject without having finished/passed the subject's pre-requisites. The department may

not give credit to subjects not taken in the proper order.

The student is eligible to enroll ITREVIEW and SEMTOUR after completing 70% of the total number of units (MAJOR COURSES) in the curriculum.

The student is required to render full-time internship in the second semester of his fourth year.

List of Electives

Web App Development Track

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273. This study aimed to determine the ratooning ability of lowland rice to production management practices. It assessed the profitability of rice ratooning to the abovementioned objectives. The experiment was set out in a split-plot organized in a Randomized Complete Block Design with production management practices as the main plot and cutting heights of ratoon crop as the subplot treatment. Production management practices notably affected all agronomic characteristics, yield, and yield component parameters evaluated except the grain yield. Cutting height remarkably influenced all growth and yield parameters tested except panicle weight. Economic analysis revealed that the improved method achieved a higher gross margin (PHP21,321.60) than the farmer's practice (PHP15,419.40) because of the former's high productivity (1.64 t ha<sup>-1</sup>). A cutting height of 45.0 cm under the improved method obtained the highest gross margin (PHP28,677.00). Moreso, this approach is considered a good measure in adapting to the problematic scenario relative to climate change. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1147>

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274. Congratulations USJ-R High School Official on your reaccreditation! --- Enrollment is ongoing. To enroll at the USJ-R Junior High, check out the admission guidelines through the link below or send a message directly to their Facebook page: <https://www.facebook.com/media/set/?set=a.10160522283548351&type=3CONGRATULATIONS> USJ-R Junior High School is reaccredited with PAASCU Level 2 status until 2028 Philippines Accrediting Association of School, Colleges and Universities (PAASCU) is a service organization which accredits academic programs which meet accepted standards of quality education

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275. RAISE YOUR FLAG! ???? On May 28, 1898, the Philippine Flag was first unfurled after the Philippine Revolutionary Army won against the Spanish Forces in Imus, Cavite. As the country marks today the National Flag Day, get to know the meanings behind the Filipino flag. THE PHILIPPINE FLAG National Flag Day | May 28 THE 3 STARS Representing the 3 major island groups Luzon, Panay and Mindanao COLOR: WHITE Representing liberty, equality and fraternity COLOR: BLUE Representing peace, freedom and justice COLOR: RED Representing courage and patriotism THE GOLDEN SUN WITH EIGHT RAYS Representing unity, freedom, people's democracy, and sovereignty EIGHT RAYS Representing the 8 provinces that started revolting against Spain such as Manila, Cavite, Bulacan, Pampanga, Nueva Ecija, Laguna, Tarlac, and Batangas.

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276. YMI | Classes for AY 2023-2024 at USJ-R will begin on August 7, 2023. Enrollment is ongoing. Scan the QR Code below to check out the Admission and Enrollment Guide or read below. ----- To all Josenian College Admission Test (JCAT) applicants: 1 Secure first an applicant number through filling out the admission form at [https://edp.usjr.edu.ph/applicant/admission\\_form/](https://edp.usjr.edu.ph/applicant/admission_form/). Make sure to submit the application for admission before taking the entrance examination for record purposes and to generate test results. 2 After securing an applicant number, fill-out the JCAT appointment form at <https://forms.gle/7SSR79kY3Zq5XUCj6> and choose a schedule. Here is the updated JCAT schedule starting June 5, 2023. Weekdays (Monday to Friday) Morning : 09:00 am - 10:30 am & 10:30 am -11:30 am Afternoon : 01:30 pm - 02:30 pm & 02:30 pm - 3:30 pm 3 Visit USJ-R Main Campus and proceed to the Student Development and Placement Center (SDPC). 4 Present the requirements (applicant number, 2x2 colored picture with white background, certified true copy and photocopy of grades). 5 Fill-out the admission test form which will be provided

at the SDPC after presenting your requirements. 6 Take the exam. Make sure to bring a pencil (Monggol #2) and black ballpen. 7 Interpretation of the test result by the counselor assigned shall be done during the releasing of the test result. 8 If the remark of the result is Passed or Probationary wait for the approval of the Department Chair in the SIS account. If the remark is Please see the Dean/Chair , please approach the respective Chair/Dean for further interview and assessment. 9 One approved by the Chair/Dean, proceed to the Accounting Office and pay the enrollment fee. 10 Congratulations! You are now a bonafide student of the University. 11 Access the SIS portal to select your subjects for this semester. 12 The subjects that you selected will be approved by the Chair assigned for your degree program. 13 Once approved, you can send your study load (copy of all your subjects & schedule) to your email. 14 Attend your class starting August 7, 2023. Further orientation will be announced through the University s digital platforms. ----- For continuing students, the enrollment schedule is here: <https://usjr.edu.ph/.../usjr-r-publishes-schedule-of-.../> Enrollment is ongoing. Scan the QR Code below to check out the Admission and Enrollment Guide or read below.

-.-.-.-.- To all Josenian College Admission Test (JCAT) applicants: 1 Secure first an applicant number through filling out the admission form at [https://edp.usjr.edu.ph/applicant/admission\\_form/](https://edp.usjr.edu.ph/applicant/admission_form/). Make sure to submit the application for admission before taking the entrance examination for record purposes and to generate test results. 2 After securing an applicant number, fill-out the JCAT appointment form at <https://forms.gle/7SSR79kY3Zq5XUCj6> and choose a schedule. Here is the updated JCAT schedule starting June 5, 2023. Weekdays (Monday to Friday) Morning : 09:00 am - 10:30 am & 10:30 am -11:30 am Afternoon : 01:30 pm - 02:30 pm & 02:30 pm - 3:30 pm 3 Visit USJ-R Main Campus and proceed to the Student Development and Placement Center (SDPC). 4 Present the requirements (applicant number, 2x2 colored picture with white background, certified true copy and photocopy of grades). 5 Fill-out the admission test form which will be provided at the SDPC after presenting your requirements. 6 Take the exam. Make sure to bring a pencil (Monggol #2) and black ballpen. 7 Interpretation of the test result by the counselor assigned shall be done during the releasing of the test result. 8 If the remark of the result is Passed or Probationary wait for the approval of the Department Chair in the SIS account. If the remark is Please see the Dean/Chair , please approach the respective Chair/Dean for further interview and assessment. 9 One approved by the Chair/Dean, proceed to the Accounting Office and pay the enrollment fee. 10 Congratulations! You are now a bonafide student of the University. 11 Access the SIS portal to select your subjects for this semester. 12 The subjects that you selected will be approved by the Chair assigned for your degree program. 13 Once approved, you can send your study load (copy of all your subjects & schedule) to your email. 14 Attend your class starting August 7, 2023. Further orientation will be announced through the University s digital platforms. -.-.-.-.-

celebration. Friends and former colleagues were also invited. Fr. Coja has served a combined 37 years of service in USJ-R as of 2023. His administration took the initiative to start the movement of making then Colegio de San Jose-Recoletos into a University. He was also the first elected president of the said educational institution. Read more: <https://usjr.edu.ph/2023/07/14/oar-priest-celebrates-50th-presbyteral-anniversary-in-cebu-and-negros-occidental/>

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281. The pandemic disrupts the functioning of most sectors and exposes the shortcomings and vulnerabilities among many. Literature search in leading databases reveals that though shocked by the crisis, many industries and organizations have reinvented themselves through various strategies to overcome the consequences of the pandemic. After a thorough analysis of individual articles, the authors found out that human resource management considers the disruptive changes in the working pattern, challenges, and opportunities ahead and makes appropriate changes to create an efficient workforce for the future with the help of technology that has become an inevitable companion in human resource management and not a panacea for uncertainties and crises ahead. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1087>

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282. Parents, guardians, and school administrators gather at the Recoletos Coliseum this morning to send-off the graduating pupils after completing their primary education. The holy mass was concelebrated by five Recollect friars as it is also the Feast of the Visitation of Mary. #USJRat75 #TakingYouForwardSince1947

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283. Join us today for a thanksgiving mass to send-off our graduating pupils in the elementary level for AY 2022-2023. Today is also the Feast of the Visitation of the Virgin Mary. #USJRat75 #TakingYouForwardSince1947

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284. With the increasing number of multicultural families in Korea, opportunities and challenges arise, particularly in terms of children's welfare and education. The present study investigates the experiences of Filipino women married to Koreans and their school parental engagement. Through unstructured interviews, 13 Filipino women participated in the study regarding their involvement in school affairs regarding their child's attendance at Korean schools. The challenges faced by the participants were also explored. Findings show Filipino mothers' eagerness to attend to the academic needs of their children through various programs and activities. Responsibilities and challenges faced by Filipino women span teaching their children and academic monitoring at home, despite not being fluent in Korean. Discrimination and social exclusivity have also been reported as experienced by some participants due to their multicultural backgrounds. Inputs to policy formulation have also been proposed based on the findings of the study. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1408>

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285. Health expenditure of a country is intended to finance medicines and other medical services and assistance for those people affected with diseases especially those communicable ones. The global issue of tuberculosis has been a well-known communicable disease which could result in another type of such disease, if untreated. This study is conducted to assess the treatment success of multidrug-resistant tuberculosis (MDR-TB) cases, which had been a burden for countries in terms of financial aspects. Through the use of multivariate cluster and principal component analyses, ASEAN countries were grouped and ranked from very highly successful to least successful in the level of treatment success which would provide comprehensive findings as to what ASEAN country successfully provides financial to their diagnosed patients. Further, it was found out that the level of success of MDR-TB treatments among ASEAN countries varies inversely with the number of patients undergoing the treatment while directly proportional to the amount of investments in health expenditures. Hence, MDR-TB treatment success depends on the level of amount of investments for health the ASEAN country has and the number of patients undergoing the treatment. Thus, the success of the treatment can be achieved at high economic price. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/111>

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286. This study was conducted to determine the technical performance of a rice hull-fueled cabinet food dryer. Data gathered from the drying performance in terms of drying behavior, drying rate, and dryer heat utilization efficiency using cassava chips was analyzed through an experimental design. The study also evaluated fuel consumption, thermal conversion efficiency, energy use efficiency, heat utilization efficiency, temperature distribution and economic performance. Results indicated that the dryer's average fuel consumption and the thermal conversion efficiency is 11.19 kg/hr and 6.17%. While the energy use efficiency is 41.51%, and the dryer efficiency is 11.79 %. The moisture reduction of the rice hull-fueled dryer is 8.156 kg/hr, and the heat utilization efficiency is 41.51%. The break-even of using the dryer is 4.988/kg; if rented out at 59.86/hr, the payback period is 0.988 batch/hr. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/962>

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287. The COVID-19 restrictions compelled institutions worldwide to transition into the remote teaching-learning modality abruptly. Studies evaluating the effectiveness of remote teaching and learning strategies are scant. With the recent shift to this new learning mode, little is known about the fulfillment of learning outcomes and student satisfaction. This research examines the impact of the teaching-learning course design and instructional strategies as implemented by this faculty researcher last school year 2020-2021. It intends to provide practical guidance for teachers aiming to evaluate the effectiveness of their remote teaching/strategies. The research is both quantitative (causal) and qualitative design. A total of 104 management students from a Philippine state university participated in an online survey. The quantitative investigation assessed the influence of the independent variables the Community of Inquiry (Col) presence strategies, course design, and instructional strategies on students perceived learning and satisfaction, utilizing the Col framework and adopting scales from online teaching. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1219>

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## 288. Masters Degree in Information Technology

### About this Course

Master of Science in Information Technology (MSIT) and Master of Information Technology (MIT). The Master of Science in Information Technology Program offered at the University of San Jose Recoletos introduces students the advanced theoretical and practical aspects of Information and communications technology. There is an in-depth approach to programming, a good balance in the development of competencies in both Open source based and proprietary technologies.

The MSIT program culminates with the completion of a Research and Development (RnD) Thesis Project. A Research and Development (RnD) Thesis Project, as operationally defined, is an undertaking that exhibits concepts and theories translated to Technology. A Thesis Project involves the analysis of an Information Technology case/problem and development of a solution/solutions to that problem. It should be innovative, or an improvement of an existing technology. With this RnD Thesis Project, the analysis and solution will prove that the student have mastered the knowledge and skills gained from the different subjects (Knowledge Areas) taken and the activities that they have performed throughout the masters degree program in Information Technology.

On the other hand, the MIT program, a CHED FDP (Faculty Development Program) culminates with the completion of a Software project. A software project covers the completion of software and a users manual which validates the students learning out of a combination of the different core and elective subject.

### Careers

Systems and Applications Programmer

Systems Analyst/Designer

Database Designer/Administrator

Software Engineer

Algorithm Analyst

Software Specialist

Admission Requirements

Applicants are expected to have:

completed Senior Highschool

Duration

4 Years

Campus

University of San Jose Recoletos, Basak Campus

Knowledge Areas

Data Structures

Databases

Operating Systems

Networking

Object-Oriented Programming

Client-Server

Specialized Areas  
Software Engineering  
Enterprise Development  
Mobile Applications Development

DOWNLOAD PROSPECTUS title: About Master of Science in Information Technology (MSIT) and Master of Information Technology (MIT), link: <https://usjr.edu.ph/scs/degrees/graduate/mit/>

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289. #JosenianPride | Congratulations to our newly certified Industrial Engineers. They took the examination on April 16 and 19 this year. The results were published this month. Adelante! ----- ENROLLMENT IS ONGOING. Read here for more details: <https://usjr.edu.ph/2023/02/08/josenian-college-admission-test-for-2023-qualifiers-now-open/> #USJRat75 #TakingYouForwardSince1947 University of San Jose- Recoletos ENGR. STEPHANIE FLORES TOP 7 ENGR. KHEIN ALBUTRA ENGR. MARY CHARMEN PEPITO

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290. RMRJ offers open access to its contents on the principle that it supports a greater global exchange of knowledge. Hence, it does not charge its readers any subscription fee to access full text of all its articles. Permission to read, download, and print from the publisher or author is not necessary. Also, the journal accepts articles for publication at no cost on the part of the author.

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291. The contrasting practices of private and public institutions affect individuals' motivation to work on the maintenance of its facilities. This paper attempts to develop a model that could predict how many years a facility (private or government) would last based on the given number of assumptions and random data. The study used an experimental design using simulation modeling. Assumptions were formulated to measure different variables. Findings revealed that government facilities tend to deteriorate faster compared to its private counterparts. Government facilities would only last approximately up to six (6) years then reach its critical level. This is due to the assumption that only 40% of government institutions are effective workers. Low percentage of effective workers would translate to less motivation of the worker to pursue any transaction that could possibly help the current state of the facility. On the other hand, more than half of the Private facilities would last more than five years before reaching a critical level. This is due to the assumption that private workers are 20% higher compared to government workers in terms of percentage of effective workers. A highly motivated worker will always be willing to spend time, even extra time, to perform his job. Benign neglect of a less motivated workforce would result to non performance of his assigned task. Therefore, increasing the level of motivation of an employee is the primordial concern of every organization whether private or public because an increase of well motivated and effective workforce would encourage everyone to help maintain and to extend the life of every facility. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/26>

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292. #JosenianPride | Third year BS Computer Science students under the USJ-R School of Computer Studies - SCS bested 12 schools in the Cebu Interschool Hackathon. They showcased their coding and presentation skills by presenting their project idea "Werk!", a reimagined frontend for job seeking platforms with employee-employer metadata embeddings clustering for efficient job matching. The team behind it are Garfield Greg Lim, Jerico Jan Adaya, Jillian Joy Tenerife and SCS faculty member Eric Magto. #USJRat75 #TakingYouForwardSince1947 University of San Jose-Recoletos CONGRATULATIONS CHAMPION 2023 TRANSFORMATION SUMMIT CEBU INTERSHOOL HACKATHON held on May 25

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293. The highly irregular and rough fluctuations of the twin primes below or equal to a positive integer  $x$  are considered in this study. The occurrence of a twin prime on an interval  $[0, x]$  is assumed to be random. In particular, we considered the waiting time between arrivals of twin primes as approximated by a geometric distribution which



possesses the discrete memory-less property. For large  $n$ , the geometric distribution is well-approximated by the exponential distribution. The number of twin primes less or equal to  $x$  will then follow the Poisson distribution with the same rate parameter as the exponential distribution. The results are compared with the Hardy-Littlewood conjecture on the frequency of twin primes. We successfully demonstrated that for large  $n$ , the proposed model is superior to the H-L conjecture in predicting the frequency of twin primes. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/532>

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294. The different features of entomophagy and entomotherapy practiced by the key informants and local villagers in Cebu Island, Philippines were documented. A survey was conducted in remote areas of Barangay Alambijud, Argao and Barangay Lusaran, Cebu City, Cebu from June-October, 2012 to discover the medicinal and edible uses of different insect species in these sites. Fourteen key informants were identified with the aid of two sampling methods- snowball technique and purposive sampling. Open-ended questionnaires were employed to obtain authentic and significant information from the key informants. An inventory on the knowledge on the wild edible and medicinal insects in the study areas is presented here. Results showed that these key informants profusely utilized wide range of biological resources in diverse ways, and thus contribute to their daily activities. As a whole, the factors that influenced their entomological practices include their socio-demographic and educational background, accessibility to urban societies and the open availability of certain resources particularly the insects they use and the influence brought about by their family and community. Moreover, these informants had different insects used in their practices, and they had their ways of preparing and administering these as medicines and food. Regardless of these differences, all of them were able to perceive that the insects used as medicine and food were equally beneficial to them. Traditional knowledge regarding entomotherapy and entomophagy in Cebu is very essential since folk medicine is still one of the most important resources for food and discovery of unknown natural drug resources. It is indicated that these medicinal and edible insects are comparable with other conventional food commodities by incorporating scientific validation to the traditional knowledge. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/122>

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295. #JosenianPride | Paraiba PH, a mini company by Josenian ABM students, was recognized by JA Asia Pacific as the team with the best financial management. They bested 10 teams from 6 countries who participated in the competition held in India. The four of the mini company's members flew to India and represented USJ-R were Maxene Joson, Mary Margaret Yu, Julianna Carmel Justimbaste and Daniella Nicole Ronquillo. #USJRat75 #TakingYouForwardSince1947 EDP.USJR.EDU.PH USJ-R SIS-Login CONGRATULATIONS BEST FINANCIAL MANAGEMENT PARAIBA (MINI COMPANY BY USJ-R ABM SENIOR HIGH STUDENTS awarded by JUNIOR ACHIEVEMENT ASIA PACIFIC COMPANY OF THE YEAR COMPETITION held in DELHI INDIA from May 29 to June 2

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296. Knowledge sharing in the academic setting can be conceptualized as a form of communication that has a potential for socio-cultural communication studies. This study argues that examining the discourse of James W. Carey on communication as culture, particularly his discussion on transmission and ritual views of communication, can deepen understanding of knowledge sharing among the research academics from a communication standpoint. Applying one of Herbert Blumer's assumptions on symbolic interactionism, this study further argues that the meaning of knowledge sharing as a form of communication among research academics could be found in the process by which the academics interact symbolically with others within and outside the academic community. The findings affirm through a phenomenological research design that knowledge sharing is communication. New perspectives in this communication phenomenon are examined through the ritual view of communication with interesting implications with the New Media Theory and with the symbolic interaction framework. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/733>

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297. This paper inquires into the problems concerning Filipino values and moral norms. Based on the interviews with the social science and philosophy scholars and the youth leaders in the Philippines, the study identifies the following problems: Filipino identity, distortion and dysfunctionalization, manifold ambivalence, dissonance, false justification and misuse, cynicism, and decline of moral courage. Analyzed based on Hans Kelsen's concept of validity and efficacy, the problems prove to be radical given that the purported Filipino values system is actually a chaotic constellation of competing and conflicting pre-colonial, colonial, and postcolonial normative paradigms. Distorted, ambivalent, and dysfunctionalized, Filipino values and norms fail to provide effective normative guidelines. The proposed antidote of moral and values education is bound to be futile in the face of a severely mutilated social conscience. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1211>

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298. HAPPENING NOW Solemnity of Nuestra Señora Del Carmen, La Limpia (2023)

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299. The Commission on Higher Education emphasized that extension programs provide the space to discover practical evidence, and science-based answers to real-world social, economic, and environmental challenges for partner communities. This descriptive study looked into the impact of an extension program to address the needs of the day care workers. It employed a questionnaire, unstructured interview, and focus group discussion in gathering the data. The study revealed that the parents and the social workers were responsive to the needs of the day care workers. Seven themes emerged namely: eliciting parents and children's active involvement, improving collaboration and communication, learning from seminars, availing necessities and learning resources, improving pedagogical competence and practices of DCWs, and improving the learning environment. The extension program helped the day care workers established sustainable and effective day care centers through forging and sustaining strong partnerships with parents, government, and non-government organizations. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/970>

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300. The study is descriptive qualitative research that illustrates the circumstances and new dynamics contributing to the never-ending suicide occurrences. It described first-hand real-life experiences of the suicide-loss survivors to determine the contexts, reasons, and implications of suicide and recommend community-based intervention strategies. Purposive-criterion and convenient sampling methods were used to determine the respondents. Focused group discussion and in-depth interviews were conducted to gather data analyzed using Braun & Clarke's six-phase guide. The findings revealed that the life experiences of the respondents are characterized by regret, pain, and bereavement. Suicides were committed due to dysfunctional families, economic hardships, breakdown of relationships, and drug abuse. The pain of suicide affected both the victim and their survivors and occurs within the psychosocial sphere. Interventions should therefore employ a familial, communitarian, and inter-institutional approach. Local Government Units (LGUs) are recommended to initiate a reach-out community-based suicide intervention program and debriefing services. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1206>

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301. LIVE | Witness the 14th Pinning Ceremony of nursing students under the USJ-R School of Allied Medical Sciences. Today's holy mass and ceremony is held at the Archdiocesan Shrine of Our Lady of Mt. Carmel. [#USJRat75 #TakingYouForwardSince1947](https://www.youtube.com/watch?v=rCrDJKPqzYU) YOUTUBE.COM USJ-R School of Allied Medical Sciences - 14th Pinning Ceremony

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302. #JosenianPride | Another Josenian tops this month!

Congratulations to all the Board Licensure Examination for Professional Teachers (BLEPT) passers especially to Franceska Therese Fanilag for placing fourth in the Elementary Level!

Another press conference will be staged tomorrow morning to celebrate this milestone. Adelante.

303. While rural banks have business strategies to generate and exploit opportunities, they also need to consider economic, social, and environmental facets for sustainability. This study used the survey approach for descriptive-correlational research involving rural banks' eighty managers or key employees who are knowledgeable about sustainability policies. The researcher employed quantitative tools to analyze the survey's hypothesis. The associations between the variables of a research model were examined using multiple regression analysis. In addition to conducting structured surveys, the researcher examined secondary data on rural banks' financial performance from the Bangko Sentral ng Pilipinas website. Results revealed that sustainable and sound environmental banking practices as well as their capital and loan portfolios significantly influence financial performance. Thus, the current study suggested a sustainable banking model for Philippine rural banks. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1351>

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304. #JosenianPride | The lone topnotcher from a Cebu-based law school is from USJ-R. Atty. Paulo Batulan, CPA ranked 8th in the 2023 Bar Examinations with an average grade of 88.25%. The national passing percentage is 36.77%. Moreover, USJ-R secured the 4th spot among law schools with 51-100 takers. #TakingYouForwardSince1947

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305. RMRJ makes it a point of adhering to COPE's Principles of Transparency and Best Practice in Scholarly Publishing, and we encourage our publishing partners to do the same.

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306. Indonesia, being the world leader in the production of crude palm oil, has been successful in serving the domestic and world market with palm products and palm derivatives. The industry contributes US\$17.6 billion through exports in 2012. At present, the demand for crude palm oil has soared high due to the increasing awareness of the varied uses of

palm oil. The challenge to countries cultivating oil palm is how to cope with the local and global demand. The focus now is to increase plantation areas to produce a higher volume of crude oil to serve the needs of the world market. Today, the total land area planted to oil palm in Indonesia has reached 9.7 million hectares. This study used data mining and Delphi technique. Data were sourced from public domain websites and several databases. This study determined the gap between production and utilization and to provide information to existing industry players, policy makers, future investors, and would-be entrants to the industry on the latest trends noting the fast development of the industry not only in Indonesia but also in other Southeast Asian countries. Although Indonesia has been successful in providing the local and international market with palm oil products and palm derivatives, it has to benchmark with other palm producing countries to avoid industry stagnation and to intensify diversification particularly in the development of new edible products to take advantage of the health benefits derived from the use of palm oil. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/28>

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307. This phenomenological research was conducted to inquire into the experiences of fathers of children with autism during the COVID-19 pandemic. This qualitative study was explored because there is a dearth of studies focusing on paternal involvement and a lack of local autism research. Nine participants, who were chosen using purposive sampling, individually participated in an unstructured interview. The van Kaam method popularized by Moustakas was used to analyze the data gathered. Five major themes emerged: recognizing the child's needs, surviving hardships, enduring exhaustion, encountering silver linings, and moving forward. The findings showed that fathers of children with autism encountered challenging and fulfilling events during the pandemic with resilience. Fathers of children with autism prioritized familial needs, especially of the child, and increased their presence in the household. A strong paternal character builds up fathers' resilience in coping with the difficulties of raising a child with autism in a precarious time. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1181>

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308. Garden-based education (GBE) is an innovative approach to enhancing learners' academic performance. However, the mechanism of how it develops the cognitive domain of learning is unclear. This meta-synthesis of 22 published articles focusing on garden-based education integration in the educative process examined its impact on mental aspects of learning. Secondary data from each reviewed article were extracted and analyzed thematically. Five themes emerged describing the impact of GBE on the cognitive domain of learning, namely, 1) experiential learning, 2) meaningful learning, 3) explicit and implicit learning, 4) discovery learning, and 5) transmissible learning. GBE is a successful program in most of the basic education curriculum integration contributing to the improvement of academic performance. Albeit, there is no standard template for its implementation as it varies across context and educational system, adopting the general principle of school garden learning in the teaching and learning process is beneficial for sustainable learning outcomes. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1215>

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309. One hundred and fifty Josenian students were welcomed as reservists in the Philippine Army today after completing their ROTC training. University President Fr. Eduardo Celiz Jr., OAR was the guest of honor during their graduation ceremony. The sponsors for the ROTC - Jaguars Squad Batch 2022-2023 were also presented. #USJRat75 #TakingYouForwardSince1947

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310. This study examined the religiosity and spiritual well-being of Catholic senior high school students of a rural Catholic school. Using the descriptive-comparative and correlational research design, data collection involved the survey questionnaires and hypotheses-testing used the Mann Whitney U test, Kruskal-Wallis, and Pearson r. In general, the students demonstrated a very high extent of religiosity, but they significantly differ when compared by grade level, church involvement, mass attendance, and Catholic identity. They had moderate spiritual well-being, but a significant difference was noted between males and females. Nevertheless, a significant relationship exists between religiosity and spiritual wellbeing, which suggests that the more the students observe Catholic teachings and practices, the more they mature in God's personal experience and achieve a sense of satisfaction and purpose in life. This study provides baseline data for developing the religious education curriculum and enhancing the campus ministry programs and activities of the said school. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/862>

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311. After the 1898 Philippine revolution, the English language was introduced in the country by the Americans and it began to surmount in the consciousness of the Filipino people. For one century now, this language has become dominant in the Filipino consciousness. Linguistically, it has even influenced the classification of the vocabulary of the Visayan-Cebuano language, i.e., according to the English eight parts of speech. But, as early as 1947, Manuel Yap, bishop and biblical scholar from Carcar, Cebu, objected, saying that the Visayan-Cebuano vocabulary does not fit in the

English eight-parts-of-speech classification. This study, then, aims at inquiring into Yap's own classification of the Visayan-Cebuano vocabulary. In doing this, it uses the descriptive-analysis research design. First, it presents the English eight-parts-of-speech classification, and second, Yap's classification of the Visayan-Cebuano vocabulary. It concludes that Yap's classification is the one that fits to the nature of the Visayan-Cebuano vocabulary. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1221>

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312. Tubog, *Ficus nota* (Blanco) Merr a rare tree in the Philippines and was found in Barangay Tambis, Barobo, Surigao del Sur. The present study designed to evaluate the antibacterial activities of Tubog, *Ficus nota* (Blanco) Merr fruit and leaves with ethanolic extracts. Preliminary phytochemical and histochemical studies were carried out. The antimicrobial activity of the fruit extract against pathogenic strains evaluated based on the zone of inhibition using paper disc diffusion method with tested bacteria of *Escherichia coli* ATTC 25922, *Staphylococcus aureus* ATTC 25923, *Klebsiella pneumonia* UPCC 1360, and *Salmonella typhimurium* UPCC 1368. The qualitative phytochemical tests exhibited the presence of common bioactive compounds including alkaloids, tannins, flavonoids, saponins, flavonoids and anthraquinones. The aqueous extract has shown high activity in ethanolic extract has shown significantly good activity when compared to standard chemotherapeutic agent Chloramphenicol. Based on the result it was concluded that *Ficus nota* are rich in bioactive components and exhibits antimicrobial activity against pathogens. Cytotoxicity result showed higher toxicity with the fruit compared with *Ficus nota* leaves ethanolic extract. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/107>

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313. Let  $G$  be an additive group of order  $v$ ,  $D$  be a non-empty proper  $k$ -subset of  $G$ , and  $k$  be any integer. Then  $D$  is a  $(v, k, \lambda)$ -difference set if every nonzero element of the group can be expressed as a difference  $d_1 - d_2$  of elements of  $D$  in exactly  $\lambda$  ways. Let  $q$  be a prime of the form  $q = nN + 1$  for integers  $n > 1$  and  $N > 1$ . For  $q < 1000$ , this study shows the construction of difference sets in the additive group of the field  $GF(q)$  from unions of cyclotomic classes of order  $N = 14$  using a computer search. The construction consisted of computer programs derived from the definitions and theorems on difference sets using Python. The results revealed that only the union of seven cyclotomic classes such as  $C_0(14, q) \cup C_2(14, q) \cup C_4(14, q) \cup C_6(14, q) \cup C_8(14, q) \cup C_{10}(14, q) \cup C_{12}(14, q)$  forms a quadratic cyclotomic difference set. Similarly, this union together with zero forms a difference set equivalent to the modified quadratic cyclotomic difference sets. link: <https://rmrj.usjr.edu.ph/rmrj/index.php/RMRJ/article/view/1205>

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314. #USJRadvisory | The names of four offices in the University of San Jose-Recoletos were changed by the School Board effective July 3, 2023. Meanwhile, a new office has been created. Read more: [USJR.EDU.PH](https://usjr.edu.ph) Four USJ-R offices change nomenclature - University of San Jose - Recoletos

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315. Graduates in the USJ-R elementary level celebrate their new milestone together with their parents, guardians, friends, and school administrators during the 76th Commencement Exercises yesterday at the Recoletos Coliseum. --- Enrollment is ongoing. Check this guide for more information: <https://usjr.edu.ph/2023/05/16/usj-r-publishes-schedule-of-enrollment-for-ay-2023-2024-first-semester/> Elementary admission and enrollment: <https://www.facebook.com/media/set?set=a.10160522276123351&type=3>

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## 316. VP FOR ADMINISTRATION

Rev. Fr. Rouel M. Sia, OAR is from Ozamis City. He was a graduate of AB Philosophy (Classical) in Casiciaco Recoletos Seminary on 1989. He finished high school at the University of San Jose-Recoletos (USJ-R) in 1984.

Before serving as the VP Administration of USJ-R, he was a parish priest in Kaohsiung, Taiwan in 1995 to 1997. He also served as an assistant parish priest in Talisay City, Cebu in 2006. Moreover, he was the school procurator from 2009 to 2012 at the Colegio de Santo Tomas-Recoletos in San Carlos, Negros Occidental. From 2012-2015, Fr. Sia served the University of Negros Occidental-Recoletos in Bacolod as the Vice President for Finance. He was also the Vice President for Finance at San Sebastian College-Recoletos from 2015-2018.

Fr. Sia does mountain climbing and trekking. He also plays the sports tennis.

Adelante!

name: Rev. Fr. Rouel M. Sia, OAR, position: VICE PRESIDENT FOR ADMINISTRATION (VP FOR ADMINISTRATION)

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317. The image of Our Lady of Mt. Carmel from the Santuario Arquidiocesano de Nuestra Señora del Carmen, La Limpia was showcased to the public in a solemn foot procession this afternoon on the streets of Barangay Ermita. Flowers drop as the Image passed by the University of San Jose - Recoletos. Her feast day is tomorrow, July 16. The pontifical mass will be held at 4:00PM.

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