



From the Principal's Desk



The activities of the current news letter has been characterized by distinct challenges and commendable academic accomplishments. The College's proactive approach to reinstating a conducive learning environment was a pivotal focus, considering its esteemed reputation as one of the top institutions for student learning experiences. Swiftly adapting from traditional offline teaching to digital learning mode, the college provided comprehensive e-learning resources to sustain the quality of educational instruction amidst the ongoing pandemic.

This initiative aimed to equip students with essential digital skills essential for thriving in today's digital landscape.

Efforts were undertaken to adequately train faculty members in online teaching methodologies and hybrid teaching techniques through the guidance of expert trainers. This was crucial in navigating the challenges associated with delivering classes online while ensuring a seamless student learning experience, thereby safeguarding the integrity of the academic year from the perspective of students and their parents.

- Rev. Fr. Dr. G.A.P. Kishore, SJ

FACULTY PRESENT RESEARCH PAPERS IN PRESTIGIOUS SEMINARS AND CONFERENCES:

Faculty members from various departments of ALC have showcased their expertise and contributed significantly to their respective fields by presenting research papers in esteemed national and international seminars and conferences.

- 1. Dr. L. Subha, Dept. of English:** Presented a research paper titled "A Father's Ardent Love- A Translated Work" in an online seminar on 'Translation and Knowledge Texts: Post-independence Perspectives' organized by the Centre for Applied Linguistics and Translation Studies, University of Hyderabad, on March 25th and 26th, 2022.
- 2. Mr. P. Venu Gopala Rao, Dept. of Maths:** Presented a research paper on "A Note on Applications of Mathematics in Green Technology" in a National Seminar on "Green Technologies for Sustainable Environment" organized by the Dept. of Chemistry, Andhra Loyola College, Vijayawada, from March 22nd to 24th, 2022.
- 3. Mr. K. M. Nagarjuna, Dept. of Statistics:** Presented a research paper on "New Extended Log Logistic Distribution properties and Estimation" in a UGC-sponsored National Seminar on "Statistical Methods using R" organized by the Dept. of Statistics, Acharya Nagarjuna University, Nagarjuna Nagar, on March 16th and 17th, 2022.
- 4. Dr. D. Madhulatha, Dept. of Statistics:** Presented a research paper on "EPQ Model With Generalized Pareto Rate of Production and Weibull Decay Having Demand as Function of on Hand Inventory" in a virtual International Conference on "Mathematical Techniques and Applications" organized by the Dept. of Mathematics, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, from March 23rd to 25th, 2022.
- 5. Dr. K. Rayapa Reddy, Dept. of Chemistry:** Presented a research paper on "Synthesis and Characterization of Nickel Sulphide Nanoparticles by Co-Precipitation Method" in the APPCB and UGC-sponsored National Seminar on "Green Technologies for Sustainable Environment" organized by the Dept. of Chemistry, Andhra Loyola College, Vijayawada, from March 22nd to 24th, 2022.

6. **Dr. Y. Subbareddy, Dept. of Chemistry:** Presented a research paper on “Nanostructure Graphitic Mesoporous Carbon as Adsorbent For The Removal Of Methylene Blue From Aqueous Solution” in an APPCB and UGC-sponsored National Seminar on “Green Technologies for Sustainable Environment” held from March 22nd to 24th, 2022.

7. **Mrs. T. Rojamani, P.G. Librarian:** Presented a paper on Collection Development in Dr B R Ambedkar Central Library, University College of Engineering (Autonomous), JNTU-Kakinada: A Study in the 67th Annual Conference of Indian Library Association 2022 organized by Dravidian University, Kuppam.

8. **Dr. G. Sahaya Baskaran, Dept. of Physics:** Presented a research paper on the topic ‘In vitro bioactivity studies on soda lime borosilicate glasses’ in the National Seminar on ‘Green Technologies for Sustainable Environment’ organized by the Dept. of Chemistry, Andhra Loyola College during March 22-24, 2022.

These contributions highlight the dedication and scholarly pursuits of [Institution Name]’s faculty members in advancing knowledge and contributing to academic discourse in their respective fields.

Faculty Enhance Expertise Through Participation in Development Programs

Faculty members from various departments of [Institution Name] have recently enriched their knowledge and skills by actively participating in several Faculty Development Programmes (FDPs) and workshops aimed at fostering professional growth and academic excellence.

1. **Dr. L. Subha, Dept. of English:**

- Attended a Faculty Development Programme on “Emerging Advancement of Wireless Communication and Applications of Power Electronics in Smart Grid System” organized by the Dept. of ECE & EEE, Jeppiaar Institute of Technology, from February 28th to March 5th, 2022.

- Participated in a National Level FDP on “Impact and Influence of National Education Policy 2020 on Humanities and Social Sciences” organized by the Dept. of English, School of Commerce, School of Computer Science & IT in collaboration with IQAC, Jain University, from March 28th to April 1st, 2022.

2. **Mr. M. Pradeep, Dept. of Electronics:**

- Engaged in a Faculty Development Programme on “Advanced Technologies & Challenges in Electronics and Communication Engineering” organized by the Dept. of CSE, Gates Institute of Technology, Ananthapuram, from March 8th to 12th, 2022.

- Participated in another FDP focusing on “Emerging Advancement of Wireless Communication and Applications of Power Electronics in Smart Grid System” organized by the Dept. of ECE & EEE, Jeppiaar Institute of Technology, Kanchipuram, from February 28th to March 5th, 2022.

3. **Mrs. N. Umamaheswari, PG Dept. of Chemistry:**

- Attended a National Seminar on “Green Technologies For Sustainable Environment” organized by the Dept. of Chemistry, Andhra Loyola College, (Autonomous), Vijayawada, from March 22nd to 24th, 2022.

4. **Mr. K. M. Nagarjuna, Dept. of Statistics:**

- Participated in a National online Workshop on “R Programming for Statistical Data Analysis” organized by St. Xavier’s College of Management & Technology, Patna, from March 23rd to 31st, 2022.

These initiatives reflect ALC’s commitment to promoting continuous learning and professional development among its faculty members, thereby enhancing the quality of education and research endeavors.

Physics Department Hosts Workshop on “Physics Behind Smart Materials”

The Department of Physics, in collaboration with the Indian National Science Academies, recently organized a thought-provoking Lecture Workshop

on “Physics Behind Smart Materials” from March 28th to 30th, 2022.

The event commenced with an inaugural session graced by esteemed guests, Prof C.K. Jayasankar from S.V. University and Prof N. Veerayya from Acharya Nagarjuna University, serving as the Chief Guest and Guest of Honour respectively. Prof N. Veerayya delivered a captivating keynote address, setting the tone for the enlightening discussions ahead.

With approximately 100 delegates in attendance, including faculty members, research scholars, and students from various prestigious institutions nationwide, the workshop served as a platform for comprehensive discourse on the intricate facets of smart materials in physics.

The opening ceremony was marked by warm welcomes extended by Rev Fr. Vice Principal and heartfelt blessings invoked by Rev Fr. Rector. Rev Fr. Correspondent also conveyed his greetings, fostering a welcoming atmosphere.

The valedictory session, held on March 30th, 2022, was graced by distinguished guests, Sri P. Umamaheswara Rao from the School of Planning and Architecture and Prof Srinivasa Natarajan from IISC, Bangalore.

Dr. Ch. Srinivasa Rao, Department of Physics, played a pivotal role as the Seminar’s Organizing Secretary, ensuring the smooth execution of the event.

All participants were honored with certificates of participation, acknowledging their valuable contributions and active engagement throughout the workshop.

Such initiatives underscore the Department of Physics’ commitment to fostering academic excellence and facilitating meaningful dialogue on cutting-edge topics within the scientific community.

National Seminar on Green Technologies for Sustainable Environment Organized by Department of Chemistry

The Department of Chemistry (UG & PG), in collaboration with the AP Pollution Control Board,

recently hosted a National Seminar on “Green Technologies for Sustainable Environment” on March 22nd and 23rd, 2022.

Distinguished personalities graced the inaugural ceremony, with Dr. P. Uday Bhaskar, Ex-Chairman of APPSC, and K. Vijaya Mohan, Environmental Engineer and Regional Officer, serving as the Chief Guest and Guest of Honour respectively. Prof. A. Nagaraja from MGR University, Chennai, delivered an insightful keynote address, setting the tone for the discussions to follow.

The seminar witnessed a remarkable turnout of around 600 delegates, including faculty members, research scholars, and students from various colleges and universities across the country, alongside faculty members and students of the host college’s Chemistry Department. A total of 49 research papers were presented during the seminar, reflecting the depth and diversity of discussions.

The event commenced with a warm welcome extended by Rev. Fr. Principal, with Rev. Fr. Correspondent extending greetings, fostering an atmosphere of camaraderie and collaboration.

The valedictory session, held on March 24th, 2022, was graced by Mr. Ch. Shekar, Joint Director & Head of CIPET, and Prof. AVSS Swamy from the Department of Environmental Sciences, Acharya Nagarjuna University, as the Chief Guest and Guest of Honour respectively.

Dr. K. Rayapa Reddy from the Department of Chemistry played a pivotal role as the Seminar’s Organizing Secretary, ensuring the seamless execution of the event.

All participants were honored with certificates of participation, acknowledging their valuable contributions to the seminar’s success.

Such initiatives reflect the commitment of the Department of Chemistry to address pressing environmental challenges and promote sustainable solutions through interdisciplinary dialogue and collaboration.

Guest Lectures Empowering Minds

Dr. B. Baby Rani, from the Department of Economics, recently delivered an enlightening guest lecture on Women Empowerment. The event was organized by the Department of Economics at JMJ College, Tenali, on March 23rd, 2022. Dr. Rani's lecture shed light on important aspects of women's empowerment, fostering insightful discussions among attendees.

Additionally, Dr. G. A. Prasad Rao, the esteemed Librarian, shared valuable insights during a guest lecture on "Library Resources for Career Development." The lecture was organized by Sri ASNM Govt. College, Palakol, on March 24th, 2022. Dr. Rao's expertise provided attendees with valuable guidance and resources to enhance their career prospects.

These guest lectures serve as invaluable platforms for knowledge exchange and empowerment, reflecting the commitment of academic institutions to enriching the educational experience of their students and faculty members alike.

Empowering Minds: Guest Lectures Enrich Academic Discourse

In recent developments, esteemed educators have graced academic platforms with insightful guest lectures, enriching minds and fostering meaningful discussions.

Dr. B. Baby Rani, hailing from the Department of Economics, shared her expertise on the crucial topic of Women Empowerment. The enlightening lecture, organized by the Department of Economics at JMJ College, Tenali, took place on March 23rd, 2022, captivating audiences and igniting conversations on empowering women.

Additionally, Dr. G. A. Prasad Rao, a respected figure in the realm of librarianship, delivered a thought-provoking lecture on "Library Resources for Career Development." Hosted by Sri ASNM Govt. College, Palakol, on March 24th, 2022, Dr. Rao's insights provided attendees with valuable tools and knowledge to enhance their career trajectories.

These guest lectures serve as pivotal platforms for knowledge dissemination and academic enrichment, embodying the commitment of educational institutions to fostering holistic growth and development among students and faculty members alike.

Virtual National Conference Explores Recent Trends in Computer Science

In a bid to explore the latest advancements in the field of Computer Science, the Department of M.C.A, in collaboration with the UG Department of Computer Science, organized a Virtual National Conference. Themed around "Recent Trends in Computer Science," the conference convened on March 19th and 20th, 2022, attracting widespread participation.

Dr. R. Vijaya Kumari, the esteemed Head of Department of Computer Science at Krishna University, served as the Resource Person. With a focus on Artificial Intelligence in contemporary contexts, Dr. Vijaya Kumari delivered enlightening insights into this burgeoning field.

The conference witnessed the enthusiastic presence of approximately 500 students from both undergraduate and postgraduate programs in Computer Science, representing the host college as well as various universities and colleges nationwide.

Dr. K.B.S. Sastry, from the Department of Computer Science, played a pivotal role as the Organizing Secretary, ensuring the smooth conduct of the event.

The conference served as a dynamic platform for knowledge exchange and exploration of cutting-edge developments in Computer Science, reflecting the commitment of academic institutions to staying abreast of evolving trends and fostering innovation in the field.

Library Expansion Enhances Academic Resources

The library at ALC has continued its expansion efforts in stride with the growing demands of its user base. This academic year witnessed a significant augmentation in terms of books,

journals, and infrastructure, aimed at enriching the academic experience of students and faculty members.

A diverse range of books covering subjects such as Aviation Management, Agriculture, Hotel Administration, and Liquid Crystals were added to the library's collection, contributing to the broadening scope of available resources. In total, an impressive 1355 books were added, enhancing the depth and breadth of the library's offerings.

Additionally, the library renewed subscriptions for 108 journals and magazines, further enriching the academic landscape. This substantial investment, totaling Rs. 3,92,880.00, was allocated to both the undergraduate and postgraduate libraries, reflecting the institution's commitment to providing comprehensive academic resources across all levels of study.

The library's expansion endeavors underscore its dedication to fostering a conducive learning environment and ensuring that students and faculty have access to the latest knowledge and research in their respective fields.

Celebrating Women's Empowerment and Management Excellence

On March 8, 2022, the Women's Cell, in collaboration with the A.P. State Council of Science & Technology and the Department of Education, Krishna District, orchestrated a remarkable celebration of International Women's Day. Under the theme "Gender equality today for a sustainable tomorrow," the event aimed to advocate for women's rights and gender equality in all aspects of life.

Dr. Jaya Mohan, a prominent psychologist and President of the South Central Railway Women's Welfare Organization, graced the occasion as the Chief Guest, while Mrs. N. Sindura, Managing Director of Anjana Enterprises, honored the event as the Guest of Honour. The gathering included District Science Coordinators, Best Women Science Teachers from various educational

institutions, women staff members, and girl students from the host college, alongside distinguished officials.

Dr. Jaya Mohan delivered an inspiring motivational talk, emphasizing the importance of women's rights across all spheres of life. The event also featured the felicitation of District Science Coordinators and Best Women Science Teachers by the Chief Guest and Guest of Honour. Ms. Mary Manjula, Women's Cell Coordinator, extended gratitude through a vote of thanks, marking the conclusion of the event.

In another vibrant affair, the U.G. Department of Business Administration organized "MANUS 2022," a two-day National Level Management and Cultural Fest held on March 31 and April 1, 2022. With the theme "Chase Your Vision," the fest attracted 700 students from 75 colleges across the country.

Ms. Punya Sheela Bandi, from APIDC (Andhra Pradesh Industrial Development Corporation), graced the inaugural ceremony as the Chief Guest, while Mr. G. Sudhakar Rao, Divisional Officer (LIC), Eluru Division, honored the event as the Guest of Honour. The fest showcased various competitions, including Product Launch, Young Manager, Stock Game, Group Dance, Personality Contest, and Mr. & Ms. Manus.

P.B. Siddhartha College of Arts and Science, Vijayawada, emerged victorious, securing the overall championship. Additionally, Mr. Pavan Datta Sai from Gayathri Vidya Parishad, Vizag, and Ms. Lakshmi Prasanna from Siddhartha Mahila Kalasala, Vijayawada, claimed the prestigious titles of Mr. & Miss. Manus 2022, respectively.

The fest culminated with a grand valedictory ceremony attended by esteemed guests including Rakesh Davuluri, Chairperson of POZE Saloon, Vijayawada, and Mrs. G. Lalshmi, Director of MSME, Krishna District, alongside Rev. Fr. Dr. S. Melchior, SJ, Mr. T. Jagadish, faculty members, and students of the Business Administration Department.

Department Initiates Mushroom Cultivation Unit for Hands-On Training



In a bid to foster practical learning and delve into the significance of natural food, the Department of Botany inaugurated an Entrepreneurship Unit named the Mushroom Cultivation Unit on March 30, 2022. The initiative aims to provide hands-on training in mushroom cultivation.

Prof. M. Rami Reddy, Registrar of Krishna University, graced the inauguration ceremony by officiating the unit's establishment. This venture is poised to offer students an immersive experience in mushroom cultivation techniques while exploring the nuances of natural food production.

Field Trips and Achievements Across Departments



The Department of Zoology organized a field trip to the Rajiv Gandhi Centre For Aquaculture in Manikonda on March 17, 2022. Led by Rev. Fr. Dr. P. Anthony, SJ, and Ms. P. Geetha Madhurya, the excursion provided valuable insights for third-year students.

Similarly, the Department of Biotechnology & Microbiology facilitated a field trip to the ICAR-Indian Institute of Palm Oil Research in Pedavegi on March 28, 2022. Dr. K. Balachandra, Ms. S. Srilakshmi, Ms. K. Neelima, and Ms. T. Sumitra guided third-year students, offering them practical exposure in their field of study.

Remarkable Achievement by A.N.O

Sub. Lt. Dr. K. Parameswara Rao achieved a significant milestone by completing a month-long Refresher Course at OTA, Kamptee, from March 1 to March 31, 2022. This accomplishment positioned him for promotion to the esteemed rank of Lieutenant.

Outstanding Achievements by NCC Cadets Recognized

In a display of exemplary dedication and commitment, NCC cadets across various wings have achieved notable milestones, reflecting their spirit of service and excellence.

NCC Air Wing: Cadets from the Air Wing have showcased remarkable achievements, demonstrating their prowess and dedication to their duties.



Army Wing: Cadets of the Army Wing have actively participated in various camps, enhancing their skills and contributing to their personal growth.

Naval Wing: Under the Naval Wing, Sub. Lt. Dr. K. Parameswara Rao's selection for the Refresher Course at OTA, Kamptee, from March 1 to March 31, 2022, stands as a testament to his dedication and proficiency. This course is pivotal for his promotion to the esteemed rank of Lieutenant.

Research Activities: Ph.D. Awarded:

1. *Translation, Transition and Transposition* in an Online Seminar on 'Translation and Knowledge Texts: Post-independence Perspectives' organized by the Centre for Applied Linguistics and Translation Studies, University of Hyderabad, on 25th and 26th March 2022
2. *Exploration of Identity and Individuality of the Women Characters in the Feminist Literature* in an International Conference on 'Changing Trends in Diasporic Literature' organized by the Dept. of English, Government College, UNA, Himachal Pradesh, on 22nd and 23rd April 2022
3. *Real-World Learning and Teaching using Novel Methods* in an International Conference on 'Literature and Linguistics' organized by the PG & Research Dept. of English, Kandaswami Kandar's College, Velur, Namakkal, on 20th and 21st May 2022



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