

The event saw notable participation from various academic institutions across the country, including faculty members, research scholars, and students.

Dr. Karuna, Registrar In-Charge of Acharya Nagarjuna University, Guntur, graced the inaugural session as the Chief Guest, while Dr. Santhanam Pillai from Andhra Institute of Engineering and Technology, Vijayawada, delivered the keynote address. The seminar provided a platform for participants to present their research papers on diverse themes related to language and literature. Rev. Fr. Dr. G. A. P. Kishore, SJ, Principal of the host college, extended a warm welcome to the participants, and Rev. Fr. Dr. M. Sagayaraj, SJ, Correspondent, conveyed greetings. The valedictory session on January 18th, 2022, witnessed Dr. Sophia, Associate Professor at Aditya Institute of Engineering and Technology, Kakinada, as the Guest of Honour. During the valedictory session, all participants were awarded certificates. Additionally, an online presentation on the "History & Heritage of Andhra Pradesh" was conducted for directors, undersecretaries, and section officers of the Central Secretariat, Government of India, on January 24th, 2022. The seminar provided an enriching platform for academic discourse and exchange of ideas, contributing to the advancement of knowledge in the field of language and literature.

Dr. Ch. Bhargavi Serves as Jury Member at State Level KOUSHAL Quiz and Poster Competition: Dr. Ch. Bhargavi, from the Department of Chemistry, recently contributed as a jury member at the State Level KOUSHAL Quiz and Poster Competition. The event was jointly organized by APOCOST and Bharatiya Vijnana Mandali (VIBHA) and held at the School of Planning and Architecture in Vijayawada on January 5th, 2022.

As a jury member, Dr. Bhargavi played a crucial role in evaluating the participants' performances and poster presentations. Her expertise and discernment added value to the competition, which aimed to promote scientific awareness and intellectual engagement among participants. Dr. Bhargavi's involvement underscores her commitment to fostering scientific education and encouraging young minds to explore the realms of knowledge. Such initiatives contribute significantly to nurturing a culture of scientific inquiry and innovation within the community.

Dr. Siva Kumari Empowers Students as Resource Person in INSPIRE-MANAK Workshop

Dr. Siva Kumari, a distinguished faculty member from the Department of Botany, assumed the role of a Resource Person at the State Level INSPIRE-MANAK selected projects Workshop. The workshop was organized jointly by the Department of District Education, Krishna District, and the Department of Botany at Andhra Loyola College, Vijayawada, on January 6th, 2022.

In her capacity as a resource person, Dr. Siva Kumari shared her expertise and insights with participating students. The workshop aimed to provide a platform for students selected under the INSPIRE-MANAK initiative to showcase their projects and enhance their scientific understanding and skills.

Dr. Siva Kumari's involvement underscores her commitment to fostering scientific education and mentoring the next generation of researchers. Her contributions added value to the workshop, empowering students to explore and excel in the realm of scientific inquiry. Such initiatives play a pivotal role in nurturing a culture of innovation and excellence among budding scientists.

NCC Air Wing Achievements and Activities Highlighted in Vijayawada: The NCC Air Wing in Vijayawada has been actively participating in various events and camps, showcasing their dedication and commitment to service and excellence.

Republic Day Camp: Cadets S Chetan (NPM-46) and M. Sai Tejaswini (NEL-01) represented the NCC Air Wing at the prestigious Republic Day Camp in New Delhi, held from December 18th, 2021, to January 30th, 2022. Cadet S Chetan (NPM-46) also participated in the NCC Prime Minister's Rally on January 28th, 2022.

OTHER ACHIEVEMENTS:

- Ganga Utsav and National Youth Day events were successfully conducted by the 8(A) Air Squadron NCC, Vijayawada.
- Cadets participated in various camps and activities including the Cadre Camp, Firing Camp, Vivekananda Statue Cleaning program, and Local Republic Day Camp, among others.
- The NCC Air Wing actively participated in Swachh Bharat programs and Swachhata Pakhwada initiatives, demonstrating their commitment to cleanliness and community service.

CAMPS ATTENDED:



- Cadets participated in the Combined Annual Training Camp organized by 3(A) R&V Regt. NCC at Andhra Loyola College, Gannavaram.
- They also took part in vehicle surveys and shooting competitions conducted by different NCC regiments. The NCC Air Wing's involvement in a diverse range of activities reflects their multifaceted approach towards fostering leadership, discipline, and social responsibility among the youth of Vijayawada. These initiatives not only contribute to their personal growth but also strengthen the spirit of service and patriotism within the community.

Dr. B. Siva Kumari to Evaluate State-Level Student Projects in Various Competitions

Dr. B. Siva Kumari, a distinguished faculty member from the Department of Botany, has been appointed as a Project Evaluator for several state-level student project evaluation competitions, highlighting her expertise and commitment to fostering scientific education.

She served as a Project Evaluator in the following competitions:

- ✿ State Level DST-NCSC Student Project Evaluation Competitions at Govt. Girl's High School, Paptamata, Vijayawada, on January 8th, 2022.
- ✿ State Level DST-NCSC Student Project Evaluation Competitions held at APCOST, Vijayawada, on January 18th, 2022.
- ✿ State Level DST-INSPIRE-MANAK Student Project Evaluation Competitions held at APCOST, Vijayawada, on January 31st, 2022.

Dr. Siva Kumari's involvement in these competitions underscores her dedication to promoting scientific inquiry and nurturing young talents in the field of research.

Additionally, she contributed as a Project Evaluator in:

- ✿ State Level Exhibition & Project Competition (SLEPC) conducted by the Department of School Education, Krishna District, at Andhra Loyola College, from January 31st to February 1st, 2022.
- ✿ District Level Maths and Science Poster Presentation Competitions held at Bishop Azaraiah High School, Vijayawada, on January 20th, 2022. Dr. Siva Kumari's role as a Project Evaluator reflects her commitment to encouraging and recognizing student achievements in the field of science and research, contributing to the overall advancement of scientific knowledge and education in the region.

Department of Physics Hosts "RESONANCE" Event, Promotes Student Participation:

The Department of Physics recently organized "RESONANCE," a dynamic event aimed at fostering student engagement and enthusiasm for science. Held on January 24th and 25th, 2022, the event featured a range of competitions designed to challenge and inspire participants. Approximately 150 students from various colleges in and around Vijayawada city enthusiastically participated in the event, showcasing their skills and passion for physics.



The inaugural address was delivered by Prof. N. Veeraiah, setting the tone for the event with insightful remarks and encouragement for the participants. Throughout the event, students engaged in competitions that tested their knowledge, creativity, and problem-solving abilities. The valedictory session served as a platform to celebrate the achievements of the participants, with winners of the competitions being awarded prizes as recognition of their talent and hard work. "RESONANCE" not only provided an opportunity for students to showcase their abilities but also promoted a sense of camaraderie and academic excellence within the physics community. The event

served as a testament to the department's commitment to nurturing and inspiring the next generation of physicists and scientific leaders.

Cadets from Army Wing Participate in State Republic Day Camp: Cadets K. Dhanesh (NBD-41) and M. Mahesh Anand Babu (NAI) showcased their NCC prowess as they participated in the State Republic Day Camp organized by 17(A) Bn. NCC. The camp took place at the Indira Gandhi Municipal Stadium on January 26th, 2022. This participation underscores their dedication to the NCC and their commitment to serving the nation.

Andhra Loyola College NSS Units Drive Social Welfare Initiatives: Andhra Loyola College's National Service Scheme (NSS) units, under the guidance of dedicated Programme Officers, have been actively engaged in various social service activities and initiatives. Led by Programme Officers Dr. D. Kruparao, Mr. P. Srinivasa Rao, Dr. A. Samuel Dayakar, Mr. K. Sankar, Dr. Vijaya Kumar Reddy, and Mr. K. Prakasa Rao, the NSS units have shown remarkable enthusiasm in contributing to societal welfare.

In addition to their regular activities, NSS volunteers enthusiastically participated in events such as the International Yoga Day and World AIDS Day, demonstrating their commitment to health awareness and social causes.



The volunteers actively engaged in significant events like the Blood Donation Camp held on December 9th, 2021, and the Annual Special Camp conducted from January 18th to 24th, 2022. They also organized programs like Vanamahotsavam, Plantation Programme, Fit India Freedom Run, and Awareness and Training Programme on DISHA App. Moreover, the NSS volunteers demonstrated their commitment to social welfare by undertaking various people-oriented welfare and awareness programs, including an Essay Writing Competition on the Life and Works

of Dr. B. R. Ambedkar. The collective efforts of the NSS units reflect the college's dedication to instilling a sense of social responsibility and community engagement among its students, contributing positively to society.

NSS Organizes Week-Long Special Camp in Gunadala, Vijayawada: Andhra Loyola College's National Service Scheme (NSS) recently organized a week-long Special Camp in Gunadala, Vijayawada, from January 18th to 24th, 2022. The event witnessed active participation from 300 volunteers, guided by all six NSS Programme Officers.

During the camp period, the NSS volunteers engaged in various people-friendly programs aimed at benefiting the residents of Gunadala. Their efforts were met with immense satisfaction and appreciation from the local community. The Special Camp exemplified the college's commitment to community service and social welfare. Through their dedicated participation and impactful initiatives, the NSS volunteers demonstrated the values of compassion, solidarity, and civic responsibility, making a positive difference in the lives of those they served.

Lecturer at Acharya Nagarjuna University Awarded Ph.D. in Chemistry:

Ms. D. Bala, Lecturer in Chemistry at Acharya Nagarjuna University, has achieved a significant milestone in her academic journey. She was conferred with a Ph.D. degree in Chemistry from Acharya Nagarjuna University, Guntur, for her exemplary thesis titled "Thermo Physical Properties and Spectral Studies of Binary Liquid Mixtures at various temperatures." The degree was awarded to her on January 31, 2022.

Ms. Bala's research delves into the intricate realm of binary liquid mixtures, focusing on their thermo-physical properties and spectral characteristics across different temperatures. Her dedication and scholarly pursuit have culminated in this noteworthy achievement, further enriching the academic landscape of the university. This accomplishment not only underscores Ms. Bala's commitment to advancing the field of Chemistry but also adds to the prestige of Acharya Nagarjuna University. Her Ph.D. thesis promises to contribute significantly to the scientific community's understanding of liquid mixtures, paving the way for further exploration and innovation in this domain.

Academics from Various Departments Publish Research Articles in National and International Journals: In a testament to the scholarly endeavors of faculty members, several research articles from esteemed academics have recently been published in national and international journals, showcasing their contributions to their respective fields. Dr. T. Sai Mamata, from the Department of English, has had her research article titled "Encounter the Realisms in Rural Lives" published in the National Journal by Anu Books. The article delves into the intricacies of rural life realism. It was featured in the January 2022 edition, spanning pages 57 to 65. The publication bears the ISBN number 978-81-936088-6-9. Dr. L. Subha, also affiliated with the Department of English, has contributed a research article titled "The Institution of Marriage- Its Role in Constituting the Identity of Modern Women: A Critical Review" to the same National Journal by Anu Books. This article critically examines the role of marriage in shaping the identity of modern women. It was part of the January 2022 edition, covering pages 57 to 65. The publication shares the ISBN number 978-81-936088-6-9. Furthermore, Dr. D. Madhulatha, from the Department of Statistics, has achieved recognition with the acceptance of her research article entitled "EPQ Model With Generalized Pareto Rate of Production and Weibull Decay Having Demand as Function of on Hand Inventory" for publication in the prestigious International Journal "Reliability: Theory and Applications." The article will appear in Volume 17, Issue 3(69). The journal carries the ISSN number 1932-2321. These research contributions not only highlight the academic prowess of the faculty members but also underscore the university's commitment to fostering a culture of scholarly inquiry and knowledge dissemination. Such endeavors serve to advance the frontiers of knowledge in their respective disciplines and contribute to the intellectual enrichment of academia as a whole.

Faculty Members Showcase Research at National Conferences and Seminars

Faculty members from various departments at Andhra Loyola College, Vijayawada, showcased their research prowess by presenting papers at national conferences and seminars held in January 2022.

- ◆ **Dr. T. Sai Mamata and Dr. L. Subha** from the Department of English presented research papers on *The True Pulse of Rural Indian*

Exuberant and Enthusiastic Lives at a National Conference on 'Trends, Issues and Challenges in English Language and Literature,' organized by the Dept. of English and ALC-ELT Center, Andhra Loyola College.

- ◆ **Ms. N. Bhavana, Mr. V. Veera Babu, and Mr. N. Lakshmikanth** from the Department of Electronics presented papers on various topics ranging from *Bluetooth Anti-Theft Personal Tracker Key to Polytronics* at the National Conference on *Advancements in Communication, Computing and Internet of Things* (NCACIOT 2022).
- ◆ **Ms. A. Sree Lakshmi** from the Department of Commerce presented a research paper on *A Study on Applications of Neuromarketing in Consumer Behaviour Research* at a UGC-sponsored International Entrepreneurship Summit 'AVLOKAN 2.0', organized by Gyanidhi and SRDC - Vidhyanidhi, Jain University, Bangalore. These presentations underscore the commitment of faculty members to advancing knowledge in their respective fields and contribute to the academic vibrancy of the institution.

Faculty Enhance Expertise Through Development Programs:

- ◆ Faculty members from Andhra Loyola College, Vijayawada, have actively participated in recent development programs, enriching their expertise in diverse academic areas. Dr. K. Sekhar, from the Department of Oriental Languages, attended a National Faculty Development Program focusing on the *Opportunities and Obstacles of Mother Tongue*. The program, organized by the Department of Oriental Languages at Andhra Loyola College, took place from August 5th to 11th, 2021. Dr. L. Subha, affiliated with the Department of English, honed her research skills by attending a workshop on *Research Methodology*. This program was conducted by the Department of Centre for Professional Development in Higher Education, UGC-HRDC, University of Delhi, Delhi, spanning from January 14th to 20th, 2022.

FEBRUARY - 2021-2022

Lecturer Awarded Ph.D. Degree for Innovative Thesis *Date: 07.02.2022*

In a commendable achievement, Ms. D. Tabitha, Lecturer in Mathematics, has been awarded a Ph.D. Degree in Mathematics for her groundbreaking thesis titled *New Sort of Simulated Algebraic Structures Applying The Concepts Of Automata And Turing Machines*. The degree was conferred upon her by Sri Chandrasekharendra Saraswathi Mahavidyalaya, located in Kanchipuram, Tamil Nadu.

Ms. Tabitha's thesis explores innovative applications of automata and Turing machines concepts within algebraic structures, marking a significant contribution to the field of mathematics. Her research demonstrates a profound understanding and application of theoretical concepts, showcasing her prowess in the domain.

This notable accomplishment underscores Ms. Tabitha's dedication and scholarly aptitude, positioning her as a promising academic in the field of mathematics. Her work serves as an inspiration to fellow researchers and students alike, paving the way for further exploration and advancement in the realm of mathematical sciences.

Innovative Research Article Unveils "Automatic Door Opening System Based on Human Body Temperature" *Date: February 2, 2022*

In a groundbreaking development, Mr. B. Balaji Bhanu from the Department of Electronics has published a research article titled "Automatic Door Opening System Based on Human Body Temperature" in the esteemed International Journal for Innovative Engineering and Management Research.

The article, featured in Volume No. 11, pages 57-62, presents a pioneering solution that leverages human body temperature for automatic door activation.

This innovative system holds significant implications for various sectors, including healthcare, hospitality, and public spaces, particularly in the context of maintaining hygiene and minimizing physical contact.

Mr. Bhanu's research offers a glimpse into the future of smart and responsive environments, where technology seamlessly integrates with human needs. By utilizing temperature as a trigger for door operation, the proposed system not only enhances convenience

but also contributes to health and safety protocols, especially in the wake of global health concerns.

The publication of this research article underscores Mr. Bhanu's expertise and ingenuity in the field of electronics and signals a new era of technological advancements aimed at enhancing everyday experiences. It is poised to inspire further innovation and exploration in the realm of intelligent systems and automation.

Dr. T. Sai Mamata Presents Research Paper on Rural Indian Life at National Conference

Date: January 17-18, 2022

Dr. T. Sai Mamata, hailing from the Department of English, showcased her scholarly prowess by presenting a research paper titled "The True Pulse of Rural Indian Exuberant and Enthusiastic Lives" at a prestigious National Conference. The conference, themed 'Trends, Issues and Challenges in English Language and Literature', was hosted by the Department of English and ALC-ELT Center at Andhra Loyola College in Vijayawada.

Dr. Mamata's paper delved into the vibrant lives of rural communities in India, shedding light on their exuberance and enthusiasm amidst various challenges. Her insightful analysis offered a fresh perspective on rural dynamics, enriching the scholarly discourse on English language and literature.

Moreover, Dr. Mamata's academic pursuits extended beyond the confines of conventional conferences. She also participated in an Online Faculty Development Programme on Essential Soft Skills for Impactful Professional Career. Organized by the esteemed Indian Institute of Management and Commerce, this program underscored Dr. Mamata's commitment to continuous learning and professional development.

Dr. Mamata's active engagement in academic events reflects her dedication to advancing knowledge and fostering intellectual dialogue. Her contributions not only enhance the academic community but also serve as inspiration for fellow scholars and students alike.

Faculty Member Explores Interdisciplinary Learning in Technical Program:

Date: February 28 - March 5, 2022

Dr. L. Subha, a distinguished faculty member from the Department of English, recently participated in a Faculty Development Programme focused on *Emerging Advancements of Wireless Communication and Applications of Power Electronics in Smart Grid Systems*. Organized by the Department of Electronics and Electrical Engineering at Jeppiaar Institute of Technology, the program showcased Dr. Subha's commitment to interdisciplinary learning.

Despite her specialization in English, Dr. Subha's active engagement in sessions covering wireless communication and power electronics reflects her dedication to continuous professional growth. The program provided her with insights into cutting-edge advancements in these fields, enriching her understanding and fostering interdisciplinary collaboration.

Dr. Subha's proactive approach serves as a noteworthy example, emphasizing the importance of embracing diverse fields of study in addressing contemporary challenges. Her participation highlights the significance of interdisciplinary dialogue and underscores the holistic approach to education.

Dr. B.R. Kumar Enhances Expertise in Entrepreneurial Finance

Date: February 21-25, 2022

Dr. B.R. Kumar, a faculty member from the Department of MBA, recently participated in a National Online Elementary Faculty Development Program focused on *Entrepreneurial Finance*. The program, organized by the Department of Management Studies at the prestigious Indian Institute of Management, Nagpur, provided Dr. Kumar with valuable insights into the intricacies of financing entrepreneurial ventures.

Despite his background in MBA, Dr. Kumar's active engagement in this specialized program demonstrates his commitment to continuous learning and professional development. Over the course of five days, he gained comprehensive knowledge and practical skills in entrepreneurial finance, enriching his expertise in this critical area of business management.

Dr. Kumar's participation in the program underscores his dedication to staying abreast of emerging trends and best practices in the field of finance. His enhanced understanding of entrepreneurial finance is expected to benefit both his teaching and research endeavors, contributing to the academic community and the broader business landscape alike.

Dr. A. Lavanya Explores AR&VR in Faculty Development Program

Date: December 7-11, 2021

Dr. A. Lavanya, from the Department of Computer Science, recently participated in a Faculty Development Program focused on Augmented Reality (AR) and Virtual Reality (VR) technologies. Organized by the All India Council for Technical Education (AICTE), the program enabled Dr. Lavanya to gain insights into the applications of AR&VR across various domains.

Her active engagement in the program reflects her commitment to staying updated with the latest advancements in computer science. AR and VR are recognized as transformative technologies with wide-ranging applications, from education to entertainment. Dr. Lavanya's participation underscores her proactive approach in embracing innovation to enhance teaching, research, and practical applications within her field.

Her newfound expertise is expected to foster interdisciplinary collaboration and contribute to exciting developments in computer science. Dr. Lavanya's dedication to professional growth sets a commendable example for her peers and students, emphasizing the importance of continuous learning in today's dynamic technological landscape.

Dr. M. Vijaya Kumar Reddy Explores Telugu Literature in National Online Programme

Date: August 5-11, 2021

Dr. M. Vijaya Kumar Reddy, from the Department of History, recently delved into the realms of Telugu literature through his participation in a National Online Faculty Development Programme. Focused on "Telugu Sahitya Prakriyalu; Aadhunika Bodhana, Mulyankanam," the program offered valuable insights into various aspects of Telugu literary traditions.

Faculty Members Expand Expertise Through Diverse Academic Engagements

Date: February 2022

Dr. T. Sai Mamata and Dr. L. Subha, esteemed faculty members from the Department of English, demonstrated a commitment to professional development through their participation in a series of academic events.

They attended a Virtual Conference on “Research Methodologies of Contemporary Times: Exploring English Language, Literature, and Teaching,” organized by the Department of English at SRR & CVR Government Degree College, Vijayawada, on February 5, 2022.

Additionally, Dr. Sai Mamata and Dr. Subha engaged in an Online Women Development Program focusing on the “Impact of Covid-19 on Women,” hosted by the Department of Basic Science and Humanities and MBA at Aditya Institute of Technology and Management, Srikakulam, from February 1 to 5, 2022.

Furthermore, they participated in a National Interdisciplinary Webinar on “Communication Skills: A Gateway to Employment,” organized by various institutions including Dr. Tatyasahed Nattu College of Arts & Senior College of Commerce, Margtamhane, Chiplun, and ICS College of Arts, Commerce, and Arts, Khed, Tal-Khed Bhavan’s College, Mumbai, on February 26, 2022.

Lastly, they were involved in a National Workshop on “Writing Research Funding Proposal and Patent Filing in English Language and Literature,” organized by the Department of English at KPR College of Arts, Science, and Research, Coimbatore, also held on February 26, 2022.

Their active participation in these diverse academic endeavors reflects their dedication to enhancing their expertise and contributing to the advancement of knowledge in their field.

Dr. L. Subha Engages in Multiple Academic Events Across India:

Dr. L. Subha, a faculty member in the Department of English, showcased her dedication to professional development through active participation in various academic events nationwide.

She attended a Virtual Conference on “Research Methodologies of Contemporary Times: Exploring English Language, Literature, and Teaching,”

organized by the Department of English at SRR & CVR Government Degree College, Vijayawada, on February 5, 2022.

Furthermore, Dr. Subha participated in a National Workshop on *Writing Research Funding Proposal and Patent Filing in English Language and Literature*,” hosted by the Department of English at KPR College of Arts, Science, and Research, Coimbatore, on February 26, 2022.

Additionally, she engaged in a National Webinar on “Bridging the Gender Pay Gap,” organized by the Department of Management Studies at Ramaiah Institute of Technology, Bangalore, on February 22, 2022.

Lastly, Dr. Subha participated in a workshop on “Kona Kona Shiksha,” conducted by the National Institute of Securities Markets (NISM) under the CSR program of Kotak Securities Ltd., on February 15, 2022.

Her active involvement in these diverse academic endeavors underscores her commitment to continuous learning and professional growth, contributing to the advancement of knowledge in her field.

Dr. B.R. Ambedkar Open University Hosts Eight National Webinars:

Dr. B.R. Ambedkar Open University, Hyderabad, recently organized a series of eight national webinars covering diverse topics. Commencing on February 1, 2022, with an analysis of the “Impact of Pandemic on Indian Economy,” the webinars delved into crucial subjects including Research Methodology, Career Opportunities for Commerce & Management Graduates, and Women Entrepreneurship. These sessions provided valuable insights and fostered discussions among experts and participants from various fields. For more information, visit the university’s website.

Mrs. V. Madhavi Explores Waste Material Reuse at Workshop:

Mrs. V. Madhavi, hailing from the PG Department of Mathematics, recently participated in a Workshop on Waste Material Reuse. Organized by the School of Planning and Architecture in Vijayawada on February 26, 2022, the event aimed to delve into innovative methods of repurposing waste materials. Mrs. Madhavi’s attendance underscores a growing interest in sustainability and eco-conscious practices within

academic circles. The workshop likely provided valuable insights into creative solutions for environmental challenges.

National Seminar on Recent Trends in Multi-functional Materials and Applications:

In a collaborative effort, the Department of Physics, along with the Indian Association of Physics Teachers, hosted a two-day National Seminar on “Recent Trends in Multi-functional Materials and Applications” on February 25th and 26th, 2022. Esteemed figures Prof. N.Veerayya and Prof. C.K.Jayasankar graced the inaugural as Chief Guest and Guest of Honour, respectively. The keynote address was delivered by Prof. Y.Srinivasa Rao from Sardar Patel University.

With an attendance of approximately 100 delegates, including faculty members, research scholars, and students from various institutions across the nation, the seminar proved to be a fruitful gathering. The event witnessed the presentation of research papers by enthusiastic participants.

The valedictory session, held on February 26th, 2022, had Prof. C.K. Jayasankar as the Chief Guest. Certificates of Participation were distributed to all attendees. Sri P. Srinivasa Sastry, H.o.D. Physics, served as the Seminar’s Convener, with Dr. G. Sahaya Bhaskaran and Dr. Ch. Srinivasa Rao as Organising Secretaries.

The seminar marked a significant milestone in fostering dialogue and collaboration within the field of Physics, contributing to the advancement of knowledge and innovation in multi functional materials and their applications.

Lecture Workshop Explores Physics Behind Smart Materials

In a joint effort, the Department of Physics, in collaboration with the Indian National Science Academies, hosted a dynamic Lecture Workshop on “Physics Behind Smart Materials” from March 28th to 30th, 2022. The inaugural session witnessed the esteemed presence of Prof. C.K. Jayasankar from S.V. University and Prof. N. Veerayya from Acharya Nagarjuna University, serving as Chief Guest and Guest of Honour respectively, with Prof. N. Veerayya delivering the keynote address.

Attended by approximately 100 delegates, including faculty members, research scholars, and students from

various academic institutions nationwide, the workshop proved to be a vibrant forum for knowledge exchange and collaboration.

The valedictory session, held on March 30th, 2022, featured Sri P. Umamaheswara Rao, Registrar of the School of Planning and Architecture, and Prof. Srinivasa Natarajan from IISC, Bangalore, as Chief Guest and Guest of Honour respectively. All participants were honored with certificates of participation.

Dr. Ch. Srinivasa Rao, from the Department of Physics, served as the Organizing Secretary, ensuring the seamless execution of the workshop’s objectives and activities.

This workshop not only provided valuable insights into the fascinating realm of smart materials but also fostered interdisciplinary dialogue and academic exchange, contributing to advancements in the field of physics and materials science.

Guest Lecture Highlights Sustainable Future at Pavitra Degree College

Mr. A. Kantha Rao, from the Department of Electronics, captivated audiences with his Guest Lecture titled “Integrated Approach in Science and Technology for Sustainable Future,” organized by Pavitra Degree College in Machilipatnam. The lecture, held on February 28th, 2022, delved into crucial insights concerning sustainability and the amalgamation of science and technology.

Attendees were treated to an engaging discourse, exploring avenues for fostering a sustainable future through an interdisciplinary lens. Mr. A. Kantha Rao’s expertise illuminated pathways toward harnessing science and technology for the betterment of society and the environment.

The event underscored Pavitra Degree College’s commitment to providing enriching educational experiences beyond the conventional curriculum, facilitating dialogue on pressing global issues.

Mr. A. Kantha Rao’s lecture served as a catalyst for inspiring students and faculty alike to embrace innovation and collaboration in pursuit of a more sustainable and prosperous tomorrow.

Expert Presentation Unveils India's Scientific Heritage

Renowned scholar Dr. Movva Srinivasa Reddy illuminated the virtual stage as a resource person during a prestigious National Webinar titled "Ancient Indian History – Knowledge Systems: Myth and Realities," convened by the All India Save Education Committee, A.P. On February 20th, 2022.

Dr. Reddy's captivating discourse, titled "History of Science and Technology in India," transported attendees on a journey through the annals of India's scientific legacy. With erudition and insight, Dr. Reddy delved into the intricate tapestry of India's contributions to global knowledge systems, shedding light on the profound impact of ancient wisdom on contemporary understanding.

The webinar, a testament to the committee's dedication to intellectual discourse and cultural heritage preservation, provided a platform for probing the nuanced intersections between myth and reality within Indian history.

Dr. Movva Srinivasa Reddy's expertise as a resource person added immense value to the dialogue, enriching participants' understanding of India's enduring scientific heritage.

The All India Save Education Committee, A.P., expresses heartfelt appreciation to Dr. Movva Srinivasa Reddy for their invaluable contribution and anticipates future collaborations aimed at fostering holistic education and cultural preservation.

Expert Lecture Explores India's Scientific Legacy

Dr. Movva Srinivasa Reddy delivered a captivating talk titled "History of Science and Technology in India" at a National Webinar themed "Ancient Indian History – Knowledge Systems: Myth and Realities." The event, organized by the All India Save Education Committee, A.P., convened on February 20th, 2022.

Dr. Reddy's insightful discourse delved into India's rich scientific heritage, offering attendees a nuanced understanding of the country's contributions to global knowledge systems. The webinar, focused on bridging the gap between myth and reality in Indian history, provided a platform for intellectual discourse and cultural preservation.

Dr. Movva Srinivasa Reddy's expertise as a resource person added significant value to the discussion, enriching participants' insights into India's profound scientific legacy.

The All India Save Education Committee, A.P., extends gratitude to Dr. Reddy for their invaluable contribution, anticipating future collaborations aimed at holistic education and cultural enrichment.

Dr. B. Siva Kumari Advocates Science Advocacy at Multiple Events

Dr. B. Siva Kumari, from the Department of Botany, shared her expertise through invited talks at various significant events emphasizing the importance of science advocacy.

On February 28th, 2022, Dr. Kumari delivered an enlightening discourse on the "Importance of the Science Day" at Amali School, Vijayawada, stressing the pivotal role of science in modern society.

Continuing her advocacy, Dr. Kumari emphasized the significance of scientific innovations and the necessity of celebrating Science Day during the National Science Day Celebrations organized by APCOST, Govt. of A.P. in Vijayawada.

Further amplifying her message, Dr. Kumari spoke on "Science and Technology for Future Generations" at the National Science Day Celebrations hosted by the Krishna District Education Department, Vijayawada. Her talks underscored the critical role of science and technology in shaping the future.

Dr. B. Siva Kumari's contributions at these events exemplify her dedication to promoting scientific awareness and innovation within the community.

Dr. G. Sahaya Baskaran Explores Physics in Information Technology

Dr. G. Sahaya Baskaran, from the Department of Physics, illuminated the intersection of physics and information technology during an invited talk at a UGC-sponsored National Seminar. The seminar, themed "Role of Physics in Information Technology," was organized by the Department of Physics at Ayya Nadar Janaki Ammal College in Sivakasi, T.N., on February 25th, 2022.

Delving into the intricacies of the subject, Dr. Baskaran's presentation, titled "Physics Behind Information Technology," captivated attendees with insights into the foundational principles governing modern technological advancements. The seminar served as a platform for fostering dialogue and understanding the indispensable role of physics in shaping the landscape of information technology.

Dr. G. Sahaya Baskaran's contribution to the seminar exemplified his commitment to bridging the gap between theory and application, shedding light on the fundamental scientific principles underpinning cutting-edge technological innovations.

Guest Lectures Enrich Academic Discourse Across Departments

Departments at various institutions continue to foster intellectual growth and interdisciplinary dialogue through a series of enlightening guest lectures featuring esteemed resource persons.

- 1. Research Methodology Lecture:** The Department of Physics organized a Guest Lecture on Research Methodology on February 11th, 2022. Dr. CH Srinivasu, Dean of Sciences (Retd.) from ALC, led the session, imparting valuable insights to students and faculty.
- 2. SAP for Commerce Students:** On February 18th, 2022, the Department of Commerce hosted a Guest Lecture on SAP for Commerce Students. Mr. Basha from Wright Tech Software Solutions, Vijayawada, served as the resource person, providing students with practical knowledge and industry insights.
- 3. Intellectual Property Rights Lecture:** The Department of MBA facilitated a Guest Lecture on "Intellectual Property Rights and Laws" on February 12th, 2022. Mr. T.R. Ramesh, an esteemed IPR Consultant, delivered a comprehensive talk, shedding light on the significance of intellectual property in contemporary business landscapes.

These guest lectures underscore the institutions' commitment to providing holistic education by integrating real-world expertise and practical learning experiences into academic curricula. Students and faculty alike benefit from the diverse perspectives and specialized knowledge shared by the resource persons, enriching their academic journey and preparing them for future challenges and opportunities.

Students Engage in Seminars and Workshops across Departments

Departments within the institution continue to enrich student learning experiences through a series of seminars and workshops, fostering a culture of knowledge exchange and practical application.

- 1. Insight into Securities Market Workshop:** The Department of MBA recently conducted a workshop titled "Insight Into Securities Market" from February 22nd to 24th, 2022. Led by Mr. CH. Vijay Kumar, Managing Director of Muves Consultancy Services Pvt Ltd., the workshop provided invaluable insights into the complexities of the securities market. Approximately 60 second-year MBA students, alongside faculty members, actively participated, gaining practical knowledge and industry insights.
- 2. Seminar on Road Safety:** In collaboration with "VHEEDU," the Department of Political Science organized a seminar focusing on road safety on February 15th, 2022. The seminar aimed to raise awareness and promote safe practices on the roads, addressing critical issues concerning transportation and public safety.

These initiatives underscore the institution's commitment to providing holistic education by integrating theoretical knowledge with real-world applications. Through seminars and workshops, students have the opportunity to engage with industry experts and explore contemporary issues, enriching their academic journey and preparing them for future challenges.

Library Expansion and Membership Growth Marked at Institution



The institution's library has continued its expansion endeavors this academic year, catering to the burgeoning needs of its users with an array of resources and enhanced infrastructure.

In line with the increasing demand, the library has seen a significant augmentation in its collection, notably in subjects such as Aviation Management, Agriculture, Hotel Administration, and Liquid Crystals. A commendable total of 1355 new books have been added alongside the renewal of 108 journals and magazines. This expansion initiative has been backed

by a financial investment totaling Rs. 3,92,880.00, encompassing both undergraduate and postgraduate libraries.

Moreover, the Department of Library and Information Sciences has achieved notable milestones in its membership affiliations. It has secured registration as a member of the NDLI Club (ID: NDLICLUB/2399/1651295176) and SWYAM-NPTEL of IIT-Chennai, effective from the current academic year.

These developments underscore the institution's commitment to providing comprehensive resources and fostering academic excellence across disciplines. The library's expansion and enhanced membership offerings aim to further enrich the learning experience and research endeavors of its students and faculty members.

English Language Club Spurs Creativity with Pamphlet Designing Activity



The Department of English recently orchestrated an engaging club activity centered around Pamphlet Designing, held on February 24th, 2022. Thirty enthusiastic Third Year Literature students showcased their creative prowess as they participated in this stimulating event.

The activity, aimed at fostering creativity and enhancing design skills, saw students passionately crafting pamphlets on various themes. Their innovative designs and compelling content reflected a deep understanding of visual communication and effective messaging.

In recognition of their outstanding efforts, certificates were awarded to the winners, acknowledging their contributions to the event's success.

This initiative by the English Language Club underscores its commitment to providing students with opportunities for holistic development and creative expression. Such activities not only enrich the academic experience but also nurture talents and instill

a passion for language and communication among students.

International Mother Tongue Day Celebrated with Cultural Exchange

The Department of Oriental Languages commemorated International Mother Tongue Day on February 21st, 2022, with a vibrant celebration promoting linguistic diversity and cultural exchange.

Dr. G. Swati, Lecturer at KRR Govt. Degree & PG College, Kodad, and Shaik Rahman Uddin from Telugu Wikipedia, Hyderabad, graced the occasion as Chief Guest and Guest of Honour respectively. Their insightful addresses revolved around the theme "Matru Bhaashala Nerpulo Sankethikatha: Avakashalu-Avarodhalu," emphasizing the significance of mother tongues as symbols of identity and heritage.

Students representing 21 different National and International languages actively participated in the event, showcasing the richness and diversity of linguistic traditions. Their presentations served as a testament to the importance of preserving and celebrating indigenous languages.

Rev. Fr. Dr. G. A. P. Kishore. SJ, Principal, extended a warm welcome to the participants, while Rev. Fr. G. Rayappa SJ, Vice Principal, and Dr. Kola Sekhar, Head of Department of Oriental Languages, conveyed greetings to all attendees.

The celebration of International Mother Tongue Day not only fostered a deeper appreciation for linguistic diversity but also promoted cultural understanding and harmony within the academic community.

National Mathematics Day Commemorated with Scholarly Discourse

The Department of Mathematics marked National Mathematics Day on December 22nd, 2021, with an enlightening session aimed at celebrating the importance of mathematics in contemporary society.

Dr. T. Pathinathan, a distinguished retired Professor from the Department of Mathematics at Loyola College, Chennai, graced the occasion as the guest speaker. Dr. Pathinathan delivered a thought-provoking lecture titled "Fuzzifying Data from the Sky," delving into advanced concepts and their applications in real-world scenarios.

The lecture provided attendees with valuable insights into the cutting-edge developments in the field

of mathematics, particularly in the realm of data analysis and interpretation. Dr. Pathinathan's expertise and scholarly discourse captivated the audience, comprising faculty members, students, and mathematics enthusiasts alike.

The observance of National Mathematics Day served as a reminder of the enduring significance of mathematics as a tool for problem-solving and innovation. Such events not only honor the legacy of renowned mathematician Srinivasa Ramanujan but also inspire a new generation of mathematicians to explore the boundless possibilities of the discipline.

National Science Day Celebrated with Enthusiasm

The Department of Physics at [Institution Name] observed National Science Day on February 28th, 2022, with fervor and zeal.

Rev. Fr. Dr. G.A.P Kishore. SJ, Principal, delivered an enlightening address highlighting the significance of National Science Day, emphasizing its role in promoting scientific temper and innovation among students and scholars.

The event was graced by the esteemed presence of Prof. C.K. Jaya Sankar, who served as the Chief Guest. Prof. Jaya Sankar shared valuable insights and delivered a message resonating with the spirit of scientific inquiry and discovery.

A total of 120 students from the Physics Cluster, along with faculty members, actively participated in the event, demonstrating their commitment to the pursuit of knowledge and scientific excellence.

The celebration of National Science Day reaffirmed the institution's dedication to fostering a culture of scientific curiosity and exploration, inspiring the next generation of scientists and innovators.

Zen Bakes Incubation Centre Launched on College Foundation Day

In a momentous occasion coinciding with the College Foundation Day, the Departments of Food Technology, Hospitality and Hotel Management, and BBA proudly unveiled Zen Bakes - an innovative incubation centre poised to nurture entrepreneurial ventures.

The launch event, held on December 9th, 2021, was graced by the esteemed presence of Prof. K.

Rammohna Rao, Vice Chairman of APSCHE, who inaugurated the centre, marking a significant milestone in the institution's journey towards fostering entrepreneurship and innovation.

Zen Bakes aims to provide a conducive environment for budding entrepreneurs from diverse fields to develop and grow their start-up ventures. With state-of-the-art facilities and mentorship programs, the incubation centre seeks to empower students with the necessary skills and resources to turn their ideas into successful businesses.

This initiative underscores the institution's commitment to promoting entrepreneurship and fostering a culture of innovation among its students. Through Zen Bakes, the college aims to contribute to the growth and development of the entrepreneurial ecosystem, driving economic progress and societal impact.

Telugu Bhasha Dinotsavam and National Statistics Day Marked with Academic fervor

In a celebration of linguistic heritage and statistical significance, the Department of Telugu and Statistics at [Institution Name] recently commemorated Telugu Bhasha Dinotsavam and National Statistics Day with enthusiasm and scholarly engagement.

Telugu Bhasha Dinotsavam : On August 28th, 2021, the Department of Telugu honored the birth anniversary of the esteemed Telugu scholar Gidugu Rama Murthy Panthulu by observing Telugu Bhasha Dinotsavam.

Dr. V. Gopal Reddy, Lecturer from Andhra Loyola College, and Shaik Rahman Uddin from Telugu Wikipedia, Hyderabad, graced the occasion as Chief Guests. The event included engaging activities such as debate and essay writing competitions, showcasing the department's commitment to promoting Telugu language and culture. Rev. Fr. G. Rayappa SJ, Vice Principal, extended a warm welcome to all participants, while Rev. Fr. Kiran SJ and Dr. Kola Sekhar, Head of the Department of Oriental Language, conveyed greetings, fostering an atmosphere of camaraderie and academic excellence.

National Statistics Day: On June 29th, 2021, the Department of Statistics observed National Statistics Day in honor of Prof. Prasanta Chandra Mahalanobis, a distinguished Indian statistician. The event aimed to raise public awareness about the importance of

statistics in daily life and the planning and development process. Students from the Statistics Department actively participated in various competitions conducted by the National Sample Survey Office (NSSO), Ministry of Statistics and Program Implementation, Government of India, held at Andhra Loyola College, Vijayawada. Their involvement reflects the department's dedication to promoting statistical literacy and research excellence.

These celebrations underscore [Institution Name]'s commitment to fostering academic excellence, cultural appreciation, and societal engagement, enriching the academic experience for students and faculty members alike.

Botany Department Nurtures Practical Learning Through Field Trips

The Department of Botany at [Institution Name] has been proactive in providing its third-year students with valuable hands-on learning experiences through a series of organized field trips.

- 1. Horticultural Expo Field Trip (December 24th, 2021):** Led by Dr. B. Siva Kumari, the department organized a field trip to a Horticultural Expo, allowing students to immerse themselves in the practical aspects of horticulture.
- 2. Institutional Visit (February 9th, 2022):** The department arranged an institutional visit for its students, led by Dr. B. Siva Kumari and Dr. P. Srinivasa Rao, aimed at providing insight into institutional practices and operations.
- 3. Field Visit (March 10th, 2022):** Dr. B. Siva Kumari and Dr. P. Srinivasa Rao led students on another field visit, facilitating hands-on learning experiences in botany and ecology.
- 4. Additional Field Visits (March 23rd, 2022):** Another field visit was organized by the department, providing students with further opportunities to engage directly with botanical specimens and ecosystems under the guidance of Dr. B. Siva Kumari and Dr. P. Srinivasa Rao.
- 5. Medicinal Plants Expo Institutional Visit (March 30th, 2022):** The department culminated its series of field trips with an institutional visit to a Medicinal Plants Expo, allowing students to explore the medicinal properties of various plants under the expert guidance of Dr. B. Siva Kumari and Dr. P. Srinivasa Rao.

These initiatives reflect the department's commitment to enriching students' learning experiences beyond the confines of the classroom, providing them with practical exposure and fostering a deeper understanding of botanical concepts and applications.

Botany Department Continues Practical Learning Initiatives with Institutional Visit

The Department of Botany at ALC continues its commitment to providing practical learning experiences for its third-year students with yet another institutional visit.

On April 6th, 2022, the department organized an institutional visit led by Dr. P. Srinivasa Rao, showcasing its dedication to offering hands-on learning opportunities beyond the traditional classroom setting.

This visit further enriches students' understanding of botanical concepts and practices, allowing them to gain valuable insights into institutional operations and botanical applications under the expert guidance of Dr. P. Srinivasa Rao.

Such initiatives underscore the department's holistic approach to education, ensuring students are equipped with both theoretical knowledge and practical skills to excel in their academic and professional endeavors.

NCC Cadets Shine with Remarkable Achievements

The National Cadet Corps (NCC) wing at [Institution Name] stands proud as its cadets continue to achieve remarkable milestones and accolades, showcasing their dedication and prowess in various fields.



Achievements by NCC Staff:

- 1. Flying Officer Dr. B. Johnson's Commendation:** Flying Officer Dr. B. Johnson, ANO of the Air Wing, received the DG Commendation Card for the year 2021, recognizing his exceptional contributions.

The commendation included a cash award of Rs. 2500, a Commendation Badge, and a Certificate, presented by the Director General of NCC.

Cadets' Achievements:

1. **Republic Day Camp Attendees:** Four cadets from different wings represented the institution at the prestigious Republic Day Camp 2022 in New Delhi, showcasing their exemplary discipline and skills.



2. **State Republic Day Camp Participants:** Cadets from the Army Wing participated in the State Republic Day Camp, further demonstrating their commitment to serving the nation.

NCC Air Wing Achievements:



1. **Republic Day Camp Participation:** Cadets from the Air Wing participated in the esteemed Republic Day Camp at New Delhi, where they showcased their talents and commitment to serving the nation.
2. **Ek Bharat Shreshtha Bharat Online Camp:** Cadets participated in an online camp organized by NCC Directorate, showcasing their versatility and adaptability in a digital environment.
3. **Cadre Annual Training Camp:** The Air Wing cadets actively participated in the Cadre Annual Training Camp, further honing their skills and discipline.

Army and Naval Wing Achievements:

1. **Republic Day Camp Participation:** Cadets from the Army Wing showcased their prowess at the Republic Day Camp in New Delhi, while Naval Wing cadets participated in various camps and competitions, highlighting their versatility and commitment to excellence.

Students' Extracurricular Achievements:



1. **Dance Competition Victory:** The college's dance team secured the First Prize and a Cash Prize of Rs. 25,000 in a Dance Competition organized by 7S News Channel, demonstrating their talent and dedication beyond the classroom.

The NCC wing at ALC continues to nurture discipline, leadership, and patriotism among its cadets, preparing them to serve the nation with pride and distinction.



*“Education is the passport to the Future,
For tomorrow belongs to those
who prepare for it today.”*

-Malcolm X



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