



॥ ज्ञेयो इतो ह्युपरुदेव ॥

ADICHUNCHANAGIRI
UNIVERSITY



ADICHUNCHANAGIRI SCHOOL OF NATURAL SCIENCES



Presents

VRIDDHI

THE SCIENCE EDITION



AUGUST 2026

ADDRESS: BG NAGARA, NAGAMANAGALA TALUK, MANDYA DISTRICT
- 571448

6th CONVOCATION - ACU



The 6th Convocation of Adichunchanagiri University (ACU) was held with great pride and enthusiasm on 13 August 2026 in the divine presence of His Holiness Jagadguru Sri Sri Sri Nirmalanandanatha Mahaswamiji. The prestigious ceremony was graced by the presence of the Honourable Chancellor, Vice-Chancellor, Registrar, and other distinguished dignitaries of Adichunchanagiri University, along with faculty members, graduating students, parents, and guests.

The convocation marked a significant milestone in the academic journey of the University, celebrating the achievements of graduating students from various constituent institutions. The graduates were conferred their degrees in recognition of their academic accomplishments, dedication, perseverance, and successful completion of their respective programmes. The ceremony also reflected the University's continued commitment to academic excellence, research, innovation, and holistic education.

The occasion was a memorable and inspiring moment for the graduates as they embarked on a new chapter in their professional and personal lives. The dignitaries conveyed their best wishes to the graduating students and encouraged them to utilize their knowledge and skills for the betterment of society and to uphold the values of integrity, excellence, service, and lifelong learning. The 6th Convocation thus stood as a proud celebration of academic achievement and a renewed commitment to shaping responsible and capable citizens for the future.



Gold Medalists: A Celebration of Excellence



Sonu V. Gowda – B.Sc. CB

Sonu V. Gowda, a B.Sc. CB graduate of Adichunchanagiri School of Natural Sciences, achieved outstanding academic excellence by securing a Gold Medal. Her dedication, consistent performance, and commitment to learning have brought pride to the institution. This achievement reflects her perseverance and serves as an inspiration to fellow students.

Sowndarya N. – M.Sc. Chemistry

Sowndarya N., an M.Sc. Chemistry graduate, earned the prestigious Gold Medal in recognition of her exceptional academic performance. Her achievement demonstrates her strong academic commitment, hard work, and passion for the field of Chemistry. Her success stands as an inspiration for students to pursue excellence in higher education.

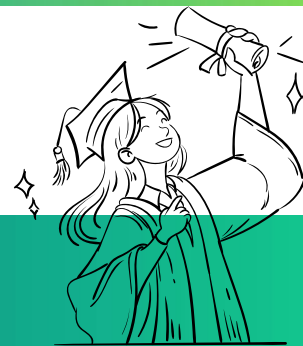


Celebrating Doctoral Excellence: Our Ph.D. Achievers



Dr. Harsha Ramakrishna, Department of Biotechnology, Adichunchanagiri School of Natural Sciences (ASNS), Adichunchanagiri University (ACU), has completed doctoral research titled “Nanoformulation of Stilbenes Targeting Inflammatory Mediators in Chronic Diseases” under the supervision of Dr. Vivek H. K., Associate Professor, ASNS, ACU. The research focuses on nanobiotechnology and nanoformulation approaches for targeting inflammatory mediators associated with chronic diseases.

Parimala B. Hanumesh, Department of Biochemistry, Faculty of Natural Sciences, Adichunchanagiri School of Natural Sciences (ASNS), Adichunchanagiri University (ACU), has completed doctoral research titled “Isolation and Characterization of Bioactive-component(s) from Cinnamomum zeylanicum Blume” under the guidance of Dr. Shobith Rangappa. The research focuses on the isolation and characterization of bioactive compounds from true cinnamon, particularly phenolic compounds and 3-phenylpropyl acetate, highlighting their potential significance in bioactive and natural product research.



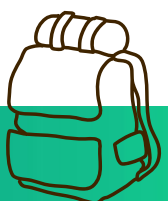
Nature, Adventure and TeamWork: Haddinakallu Trekking Programme



Adichunchanagiri University (ACU), through its University Association in collaboration with the National Service Scheme (NSS), organized a trekking programme to Haddinakallu on 15th August 2026, with enthusiastic participation from students, faculty members, and NSS volunteers of the Adichunchanagiri School of Natural Sciences (ASNS). The programme aimed to promote physical fitness, adventure, teamwork, leadership, environmental awareness, and holistic development.

The participants explored the natural surroundings while developing endurance, confidence, and mental resilience. Faculty members and NSS volunteers provided guidance on safety, discipline, group coordination, and environmental responsibility throughout the trek. The activity encouraged participants to support one another, strengthening teamwork, communication, and leadership skills.

The programme also created awareness about nature conservation and responsible tourism. The active involvement of NSS volunteers contributed to the smooth conduct of the activity and reflected the values of service and social responsibility. Overall, the Haddinakallu Trekking Programme was a memorable and enriching experience that combined adventure, physical well-being, environmental consciousness, and experiential learning.



Career Prospects and Future Pathways for M.Sc. Life Science Students



A career guidance talk on “Career Prospects and Future Pathways for M.Sc. Life Science Students” was delivered on 3 August 2026 by Dr. Naveen Y. P., Associate Professor, Department of Biochemistry, Faculty of Natural Sciences, Adichunchanagiri School of Natural Sciences (ASNS), Adichunchanagiri University (ACU), for the M.Sc. Life Science students of JAIN (Deemed-to-be University). The session aimed to provide students with valuable insights into the diverse academic, research, industrial, clinical, and professional opportunities available after completing an M.Sc. in Life Sciences.

Dr. Naveen Y. P. highlighted career pathways in research and development, biotechnology, pharmaceutical industries, clinical research, diagnostics, healthcare, academia, and government research organizations. He also discussed opportunities for pursuing Ph.D. programmes, research fellowships, competitive examinations, and specialized professional training. Emphasis was placed on developing technical, analytical, communication, and professional skills to meet the changing requirements of the Life Science sector.

The session also introduced students to emerging and interdisciplinary areas of Life Sciences and encouraged them to identify their interests and plan their careers accordingly. Students actively interacted with the resource person and clarified their queries related to higher education, research, employability, and professional growth. The programme was highly informative and helped students gain greater clarity and confidence in planning their future academic and career pathways.



COMMUNICATION IN GENERAL



The Adichunchanagiri School of Natural Sciences (ASNS) organized an informative lecture on “Communication in General” for the B.Sc. students on 26 August 2026. The session was delivered by Mr. Mallikarjuna, Master Trainer, who provided valuable insights into the importance of effective communication in academic, professional, and personal life. The session focused on essential communication skills, including verbal and non-verbal communication, active listening, confidence, clarity of expression, interpersonal skills, and effective presentation techniques.

Mr. Mallikarjuna highlighted the role of communication in building strong professional relationships and improving students' employability and career prospects. Through practical examples and interactive discussions, students were encouraged to overcome communication barriers, express their ideas confidently, and develop a positive approach towards effective communication. The session provided students with useful strategies to improve their communication abilities and prepare themselves for future academic and professional challenges.

The programme was successfully coordinated by Ms. Rashmi R., whose efforts contributed to the smooth conduct of the session. The lecture was well received by the students and served as a valuable learning experience, reinforcing the importance of communication as an essential skill for overall personality development and career success.



University-Level Sports Achievement



The Adichunchanagiri School of Natural Sciences (ASNS), Adichunchanagiri University, enthusiastically participated in the University-Level Sports Competitions held on 28 and 29 August 2026 at the ACU Ground. The students showcased exceptional talent, discipline, teamwork, determination, and competitive spirit throughout the competitions and achieved the remarkable distinction of securing First Place in both Volleyball and Chess at the University level. The Volleyball team demonstrated excellent coordination, communication, teamwork, and tactical execution, while the Chess participants displayed strong concentration, analytical thinking, strategic planning, and decision-making abilities. The participation was coordinated by Dr. Anush S. M., whose guidance and encouragement played an important role in motivating the students. The outstanding achievement brought pride and recognition to the Faculty of Natural Sciences and Adichunchanagiri University. The winning students were warmly congratulated by the Principal, Vice-Principal, and all faculty members, who appreciated their dedication, perseverance, and sporting spirit. The achievement reflects the institution's commitment to holistic student development, encouraging students to excel not only academically but also in sports, leadership, teamwork, discipline, and other co-curricular activities.



SANKASHTAHARA CHATHURTHI

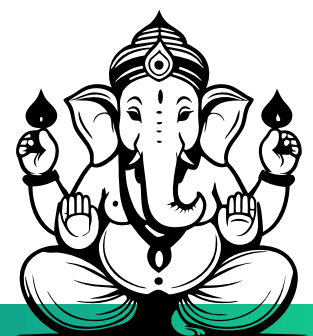
Organised by ASNS



The Adichunchanagiri School of Natural Sciences (ASNS) organized Sankashtahara Chaturthi on 31 August 2026 with devotion and enthusiasm. The programme was conducted to mark the auspicious occasion dedicated to Lord Ganesha, seeking blessings for wisdom, knowledge, prosperity, and the removal of obstacles. Faculty members, students, and staff participated in the celebration with great enthusiasm, creating a spiritually uplifting atmosphere within the institution.

The celebration provided an opportunity for the members of the ASNS community to come together and appreciate the cultural and spiritual values associated with the occasion. The programme emphasized the importance of unity, devotion, discipline, and positive values in personal and academic life. The enthusiastic participation of students and faculty reflected the institution's efforts to promote cultural awareness and holistic development alongside academic excellence.

The celebration concluded on a positive and devotional note, fostering a sense of togetherness and harmony among the students and faculty members of **Adichunchanagiri School of Natural Sciences.**



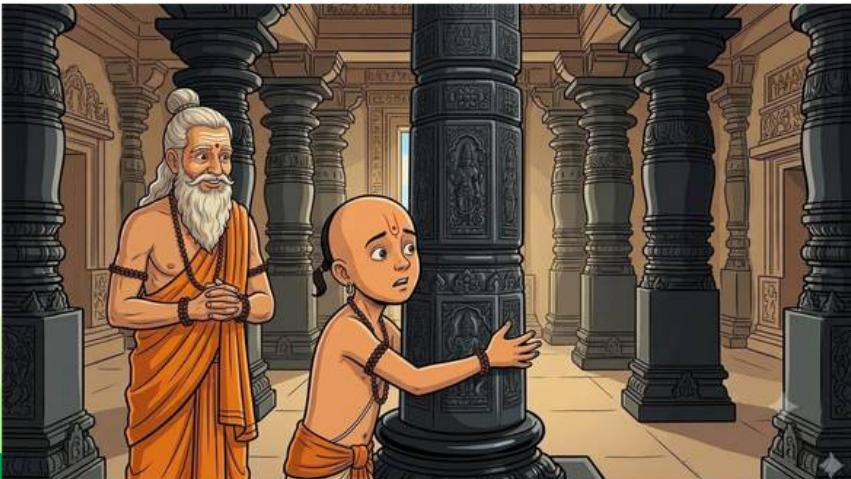
ಬೇಲೂರಿನ ಕಂಬಗಳಲ್ಲಿ ಅಡಗಿರುವ ಗಣಿತದ ಗುಟ್ಟು! Brainy Tales

ಟಿಂಗರಿ ಮತ್ತು ರಾಜಗುರು ಬೇಲೂರು ಚೆನ್ನಕೇಶವ ದೇವಾಲಯದ ಒಳಾಂಗಣದಲ್ಲಿ ನಿಂತಿದ್ದಾರೆ. ಕನ್ನಡಿಯಂತೆ ಹೊಳೆಯುವ ಸುಂದರವಾದ ಕಂಬಗಳನ್ನು ಟಿಂಗರಿ ಅಚ್ಚರಿಯಿಂದ ಅಪ್ಪಿಕೊಂಡು, ತಡವಿ ನೋಡುತ್ತಿದ್ದಾನೆ.

ಟಿಂಗರಿ: ಗುರುಗಳೇ, ಈ ಕಲ್ಲಿನ ಕಂಬಗಳು ಎಷ್ಟೊಂದು ಗುಂಡಗೆ ಮತ್ತು ನುಣುಪಾಗಿವೆ! ಕಲ್ಲನ್ನು ಹಿಟ್ಟಿನಂತೆ ಬೆರೆಸಿ, ಚಪಾತಿ ಲಟ್ಟಣಿಗೆಯಲ್ಲಿ ಲಟ್ಟಿಸಿ ಈ ಕಂಬಗಳನ್ನು ಮಾಡಿದ್ದಾರೆಯೇ? ಇಷ್ಟೊಂದು ಕರಾರುವಕ್ಕಾಗಿ ಕಲ್ಲನ್ನು ಗುಂಡಗೆ ಮಾಡಲು ಶಿಲ್ಪಿಗಳ ಬಳಿ ರೊಟ್ಟಿ ಮಾಡುವ ದೊಡ್ಡ ಮಣೆ ಇತ್ತಾ?

ರಾಜಗುರು: (ನಗುತ್ತಾ) ಖಂಡಿತ ಇಲ್ಲ ಟಿಂಗರಿ! ಇದರ ಹಿಂದೆ ಒಂದು ಅದ್ಭುತ ಗಣಿತ ಮತ್ತು ವಿಜ್ಞಾನವಿದೆ. ಇದನ್ನು 'ವೃತ್ತಾಕಾರದ ಸಮ್ಮಿತಿ' (Rotational Symmetry) ಎಂದು ಕರೆಯುತ್ತಾರೆ. ಸುಮಾರು 900 ವರ್ಷಗಳ ಹಿಂದೆಯೇ ನಮ್ಮ ಶಿಲ್ಪಿಗಳು ಆನೆ ಅಥವಾ ಕುದುರೆಗಳನ್ನು ಬಳಸಿ ತಿರುಗಿಸುವ ದೊಡ್ಡ 'ಲೇತ್ ಯಂತ್ರ'ಗಳನ್ನು (Lathe machines) ನಿರ್ಮಿಸಿದ್ದರು. ಕಂಬವನ್ನು ಯಂತ್ರದ ಮಧ್ಯೆ ಅಳವಡಿಸಿ ವೇಗವಾಗಿ ತಿರುಗಿಸುತ್ತಾ, ಚೂಪಾದ ಉಳಿಗಳಿಂದ ಕೆತ್ತುತ್ತಿದ್ದರು. ಒಂದು ವಸ್ತುವನ್ನು 360 ಡಿಗ್ರಿ ತಿರುಗಿಸಿದಾಗಲೂ ಅದು ಎಲ್ಲಾ ಕೋನಗಳಿಂದಲೂ ಒಂದೇ ರೀತಿ ಕಾಣುವುದೇ ಈ ವೃತ್ತಾಕಾರದ ಸಮ್ಮಿತಿಯ ರಹಸ್ಯ. ಈ ದೇವಾಲಯದಲ್ಲಿರುವ 48 ಕಂಬಗಳ ಪೈಕಿ ಹಲವು ಕಂಬಗಳನ್ನು ಇದೇ ಗಣಿತದ ತಂತ್ರಜ್ಞಾನ ಬಳಸಿ 1 ಮಿಲಿಮೀಟರ್ ವ್ಯತ್ಯಾಸವೂ ಇಲ್ಲದಂತೆ ನುಣುಪಾಗಿ ಕೆತ್ತಿದ್ದಾರೆ!

ಟಿಂಗರಿ: ಓಹೋ! ಹಾಗಾದರೆ ವೇಗವಾಗಿ ತಿರುಗಿಸುತ್ತಾ ಹೋದರೆ ಎಲ್ಲವೂ ನುಣುಪಾಗಿ ಸಮವಾಗುತ್ತದೆಯೇ? ಈ ಅದ್ಭುತ ತಂತ್ರಜ್ಞಾನವನ್ನು ನಾನು ನಾಳೆಯೇ ಬಳಸುತ್ತೇನೆ ಗುರುಗಳೇ! ನಮ್ಮ ಗುಂಡಣ್ಣನನ್ನು ಒಂದು ಕಂಬಕ್ಕೆ ಕಟ್ಟಿ 360 ಡಿಗ್ರಿ ವೇಗವಾಗಿ ತಿರುಗಿಸುತ್ತೇನೆ. ಆಗಲಾದರೂ ಅವನ ಆನೆಯಂತಹ ದಪ್ಪ ಹೊಟ್ಟೆ ಕರಗಿ, ವೃತ್ತಾಕಾರದ ಸಮ್ಮಿತಿಯ ಆಕಾರಕ್ಕೆ ಬರುತ್ತದೆಯೇ ಎಂದು ಪರೀಕ್ಷಿಸುತ್ತೇನೆ!



Publications

Photos	Name	Research Article Name	Journal Name and Status
	Mrs. Nithya C S	Bridging Feature-Based and Temporal Learning for EEG-Based Epileptic Seizure Detection	IEEE Status: Published
	Dr. Nandeesh K N Mr. Praveen Kumar C K	Sustainable Synthesis of NiV_3O_8 Nanoparticles using Clove Powder for Photocatalytic Degradation of Methylene Blue Dye	Chemistry Letters Status: Published
	Dr. Rohan N Sagar	Effect of SnTe Nanoparticle Incorporation on Microstructure, Thermal and Electrical Properties of PVA Polymer Nanocomposite Films	Indian Journal of Physics Status: Under Review
	Dinesha R	Punicalagin Rich Pomegranate peel protects Mitochondria against Parkinsonian Neurotoxicity	Natural Sources for Human Health Status: Accepted
	Suvetha K	Cañihua (<i>Chenopodium pallidicaule</i> Aellen) as an emerging functional pseudocereal: bioactive compounds, health benefits, and future food	Food Chemistry Status: Submitted
	Suvetha K	Hybrid nanocomposite beads composed of areca husk-derived cellulose fibre, sodium alginate and green-synthesized TiO_2 nanoparticles for controlled release	Journal of Applied Polymer Science. Status: Submitted
	Suvetha K	QbD-Optimized β -Cyclodextrin-Assisted Doxycycline Hydrogel for Localized Periodontal Therapy: Integrating Antimicrobial and Anti-Angiogenic Modulation	Journal of Pharmaceutical Innovation Status: Under Review
	Dinesha R	PharmacoVigil	Copyright Filed





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