



ADITYA UNIVERSITY



www.adityauniversity.in



Aditya Nagar, ADB Road, Surampalem - 533 437, Kakinada Dist., Andhra Pradesh.

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Introduction :

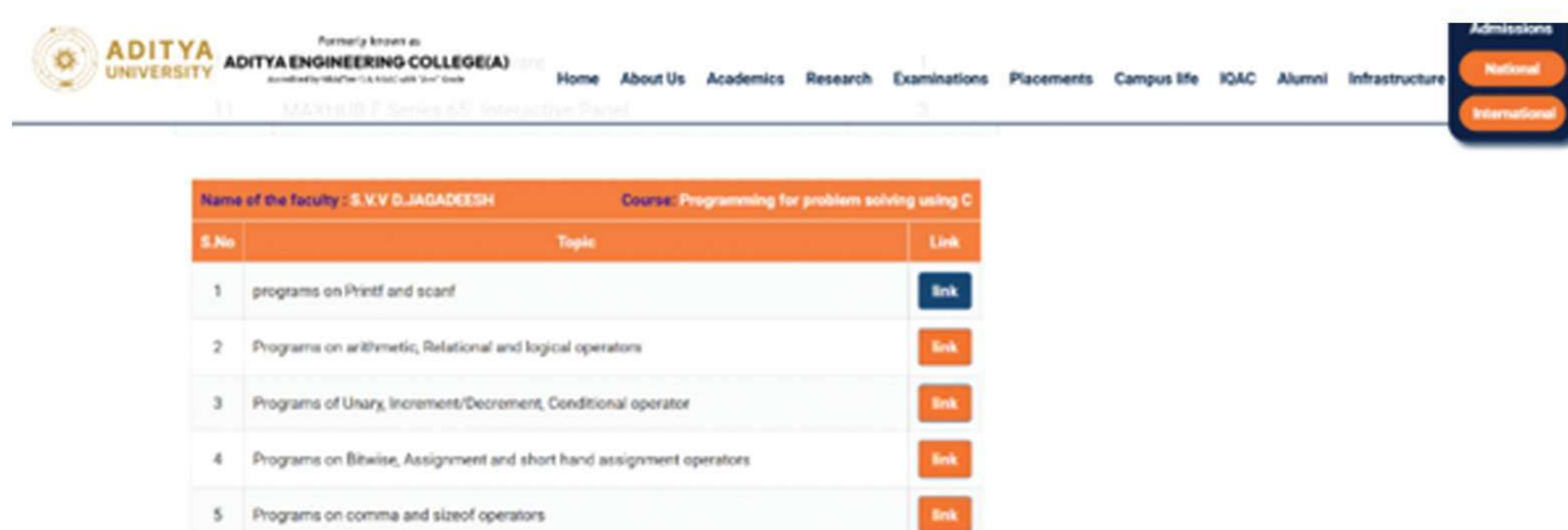
Aditya University has made significant strides toward achieving SDG 4 by ensuring inclusive, equitable, and quality education for all. The university offers free access to its educational resources, including online course materials and lectures, benefiting a wider community beyond enrolled students. Additionally, the university provides open online courses to the general public, fostering lifelong learning. Public events, workshops, and outreach educational initiatives have been organized to promote awareness and access to education in underserved areas. These efforts contribute to enhancing educational opportunities for marginalized groups, supporting both local and global educational equity.

Free access to educational resources:

The institute has taken a significant step toward expanding access to quality education by offering a diverse range of free online courses to students not enrolled at the university. This initiative is designed to provide individuals, regardless of their academic background or financial resources, with the opportunity to learn and develop new skills at no cost.

In addition to these online courses, the Institute has also made its computer facilities free accessible to participants in various events and programs. This initiative ensures that students and learners, particularly those lacking access to personal computing resources, can fully engage with the online courses and other academic activities. By providing educational content and necessary technological support, the Institute is committed to fostering an inclusive learning environment that benefits a wide range of individuals, empowering them with knowledge and skills for personal and professional growth.

The Institute offers access to online courses, through the institute website, that are freely accessible to everyone, including those who are not enrolled as students at the university. These courses cover a diverse array of subjects from technology, providing an invaluable opportunity for individuals looking to expand their knowledge and skills. With easy online access, these courses are available to anyone with an internet connection, offering the chance to study at your own pace and convenience—completely free of charge. By making these resources available to the wider public, the Institute is playing a key role in democratising education and supporting continuous learning for all.



Institute website showing links to access online courses

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4 QUALITY EDUCATION



Aditya University provides free access to computer facilities for school students, offering them valuable resources for learning and development. The university is committed to supporting education beyond its campus, fostering opportunities for students in the wider community to access technology and enhance their academic growth. This initiative reflects the university's dedication to promoting education for all.

IEduVibhu
in association with
ADITYA UNIVERSITY
NAAC A++ CGPA 3.6
NIR (Tier 3)

ADITYA LEARNING ACADEMY
(Centre for Teaching & Learning)
is Organizing
an ONLINE CERTIFICATION COURSE on
Machine Learning and GenAI

Resource Persons:
Industry / Faculty from Aditya University, Andhra Pradesh

Schedule: 05-08-2024 to 16-08-2024, 6:30 PM to 8:30 PM

Registration Link
<https://forms.gle/yDefDBuwc1LXbG9f6>

Free Registration / No Fee

Participants will receive a certificate if they attend at least 80% of the sessions and score a minimum of 75% in the exam

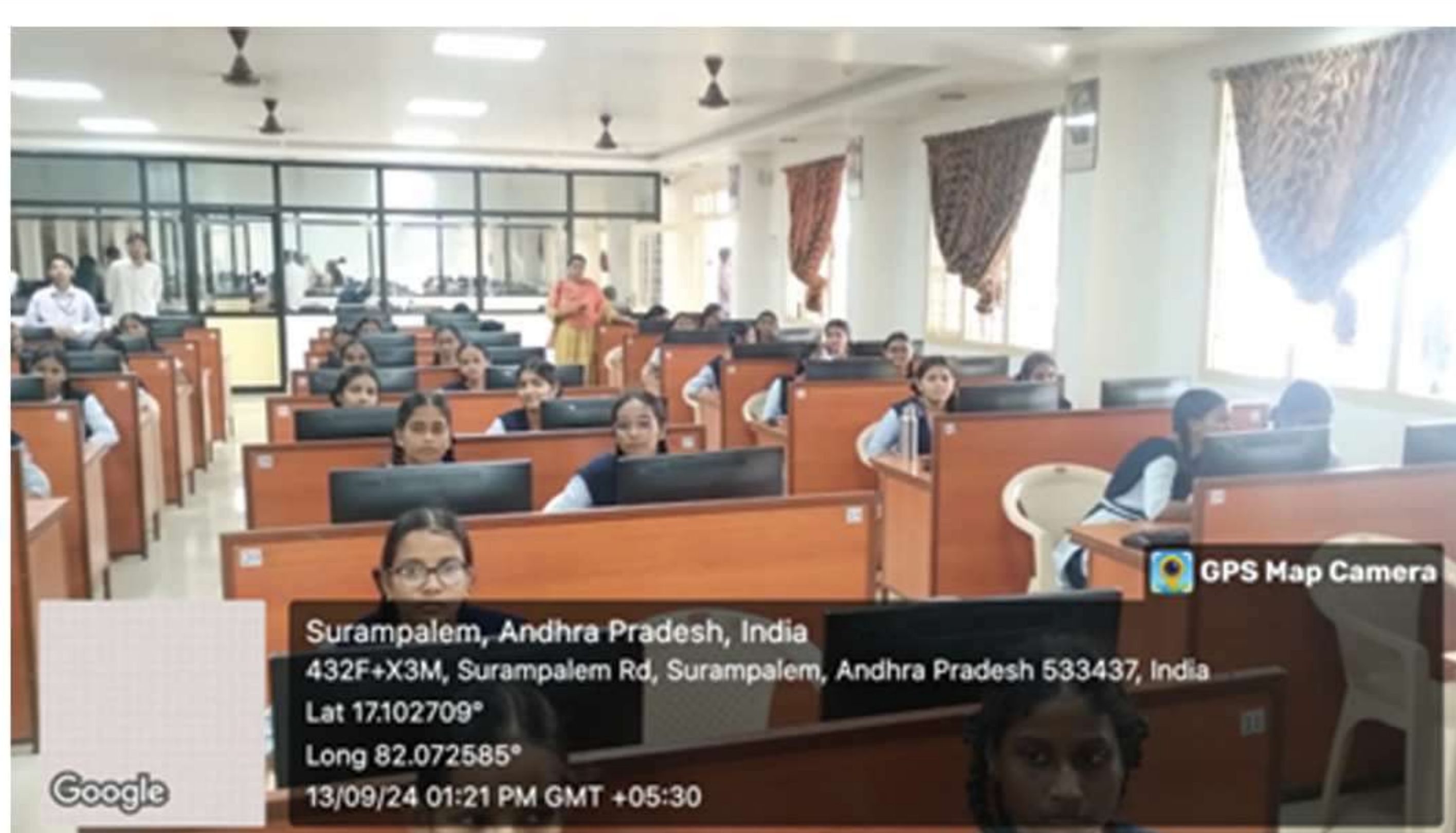
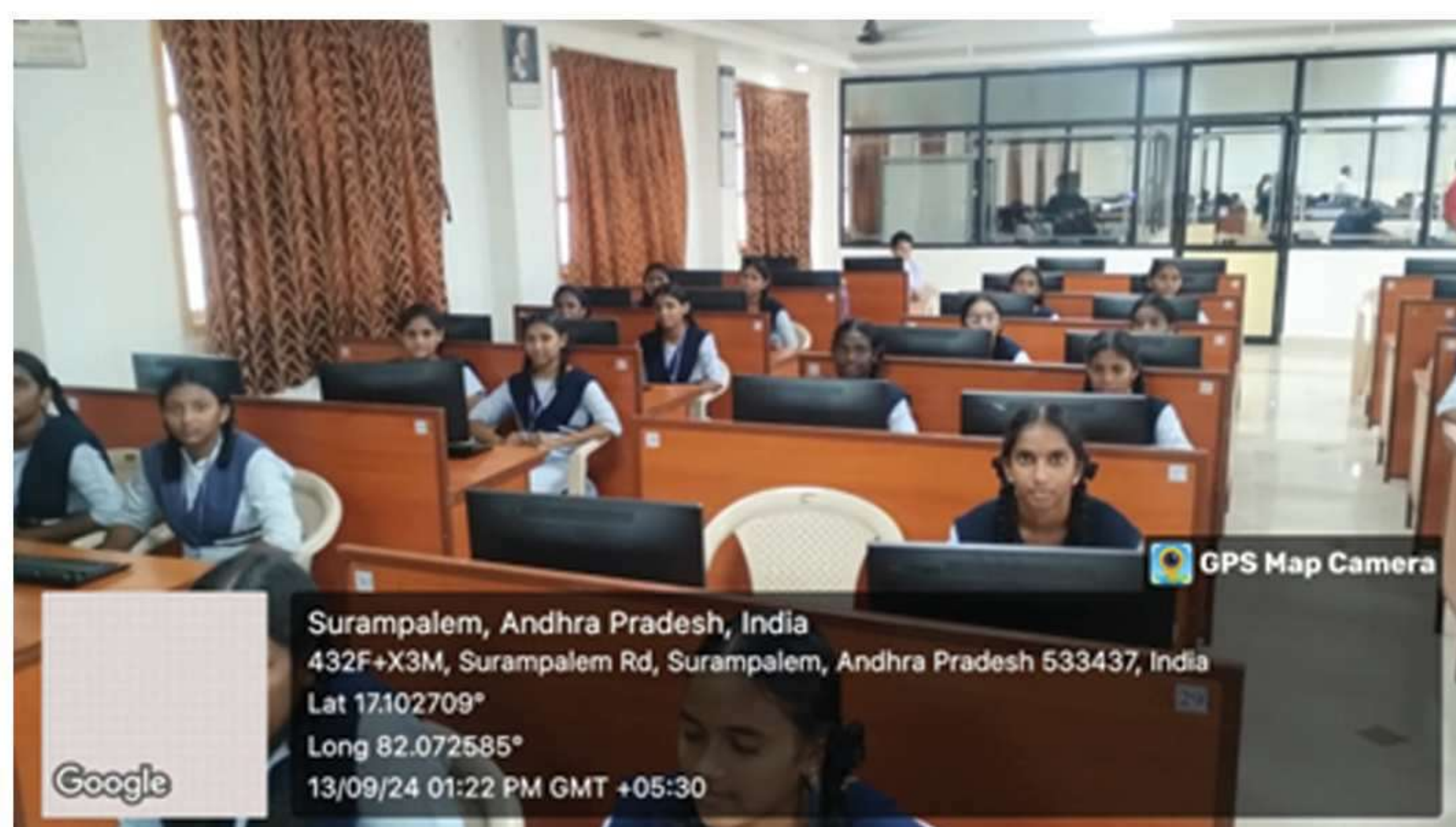
Targeted participants:
Students, Faculty & Industry Persons.

CONTACT:
info@ieduvibhu.in
www.ieduvibhu.in
Dr. I. Veeranjanyulu
ala@adityauniversity.in
Coordinator ALA, 9985852505
Aditya University.

www.adityauniversity.in
Aditya Nagar, ADB Road, Surampalem - 533 437, Kakinada District, AP, INDIA.

Online certification courses
offered for general public

Access to computer facilities
for School students





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Public Events and Educational Initiatives :

Aditya University actively hosts a variety of events that are open to the general public, including technical symposiums, workshops, and educational conferences. One of the notable initiatives is the national-level technical symposium VEDA, which invites students from various schools, colleges, and universities beyond Aditya to participate. These events provide a platform for students to showcase their technical skills, present research, and engage in discussions on the latest advancements in fields such as engineering, technology, and innovation.

The university takes pride in fostering an inclusive environment where learners from diverse backgrounds can come together to exchange knowledge and ideas. By opening these events to the public, Aditya University not only contributes to the academic growth of its own students but also creates valuable learning opportunities for those outside the institution.

Additionally, the university organizes community outreach programs and educational seminars aimed at raising awareness on key societal issues, technological trends, and career opportunities. These events often feature expert speakers, industry professionals, and thought leaders, offering participants insights into current and future developments in various sectors.

Through these initiatives, Aditya University demonstrates its commitment to supporting lifelong learning and creating a culture of collaboration and knowledge-sharing that extends well beyond the campus walls.



School students taking part in the technical symposium

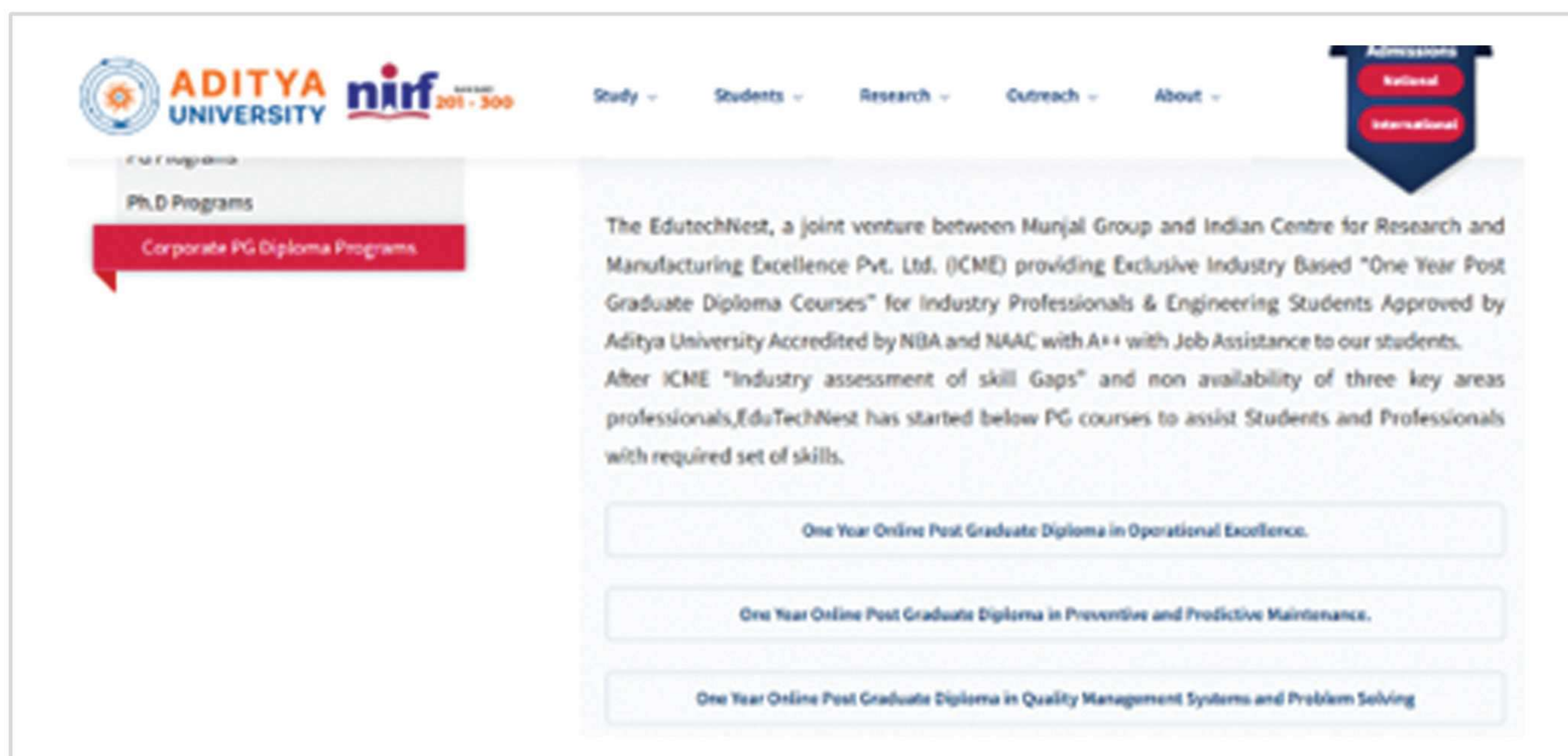


Executive Education Programs :

Aditya University is dedicated to fostering learning opportunities beyond its enrolled student body by offering a variety of short courses and executive education programs open to the general public. These courses are specifically designed for individuals who are not attending the university, providing accessible, high-quality education to people from diverse backgrounds. The university offers a wide range of vocational training and professional development programs aimed at enhancing skills in technology.

The institute offers the following short courses to the public not enrolled in the university

1. One-year online postgraduate diploma in Operational Excellence
2. One-year online postgraduate diploma in Preventive and Predictive Maintenance
3. One-year online postgraduate diploma in Quality Management Systems and Problem Solving



Screenshot of Executive Education Programs



The university actively undertakes educational outreach activities beyond the campus. We organize tailored lectures, workshops, and demonstrations in local schools and within the community to promote learning and engagement. Additionally, we support voluntary student-run schemes that contribute to educational initiatives, further strengthening our connection with the wider community.

Through these outreach activities, we strive to make STEM education more accessible, inclusive, and inspiring for students in the local community.

(A) Our faculty Dr. T. Narendrudu delivered a lecture to high school students as a part of STEM demonstration and popularisation at a local village



(B) Our students participated in a survey to measure literacy and employment in local village



(C) Our faculty and students participating in the event “My Soil-My Country” which is aimed to promote environmental awareness in local village



**ఆదిత్య ఎస్ ఎస్ ఎస్ ఆధ్వర్యంలో
మేరీ మట్టి మేరీ దేశ్ కార్యక్రమం**



News Coverage of the event
My Soil- My Country



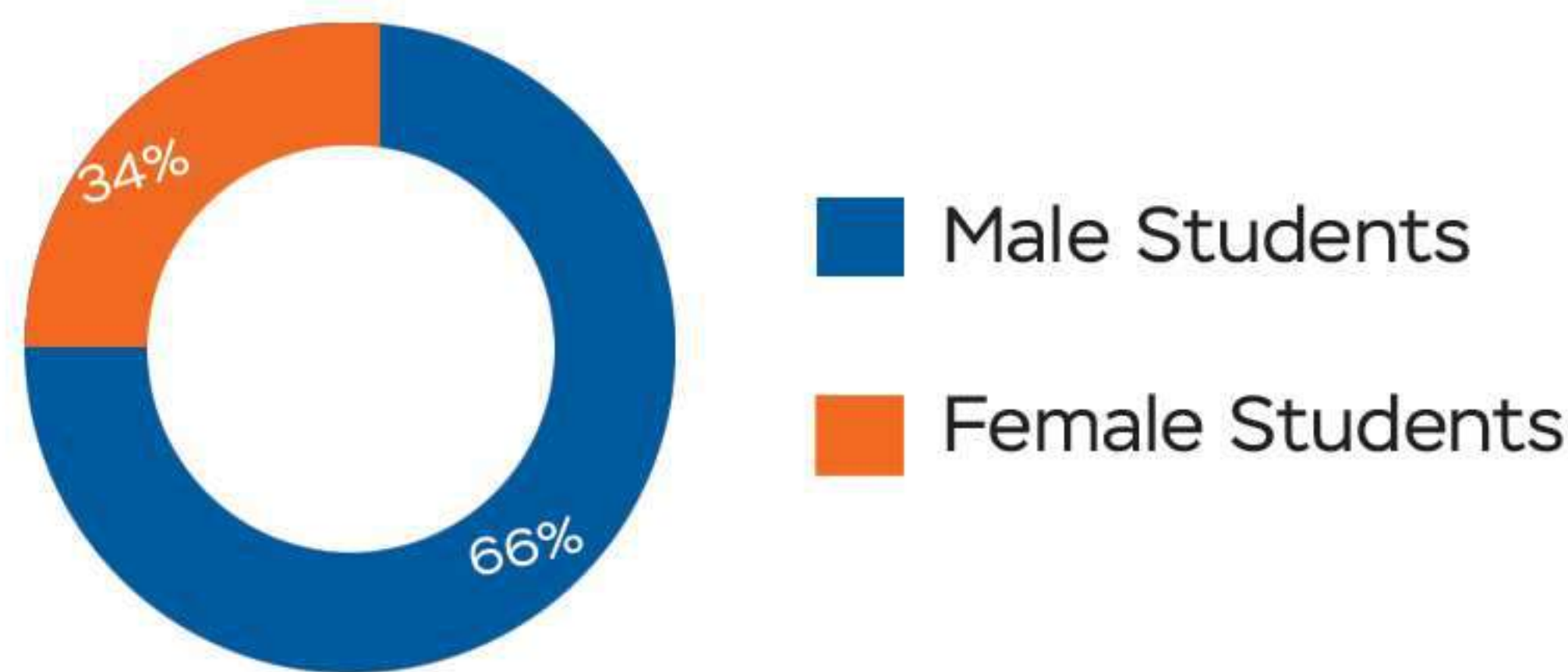
Introduction:

Aditya University is committed to advancing gender equality through various initiatives. The university promotes equal access to education and leadership opportunities for all genders, with a focus on empowering women in STEM fields. Scholarships and mentorship programs have been established to support female students, particularly in underrepresented disciplines. The university actively hosts workshops, seminars, and awareness campaigns to address gender-based discrimination and foster an inclusive environment. Moreover, the institution has implemented policies to ensure a safe and supportive campus for all, with strong measures against harassment and discrimination, promoting gender equality in every aspect of university life.

Gender Ratio of Students:

Total number of students: 6174
Total number of female students: 2119
Percentage of female students: 34.32%

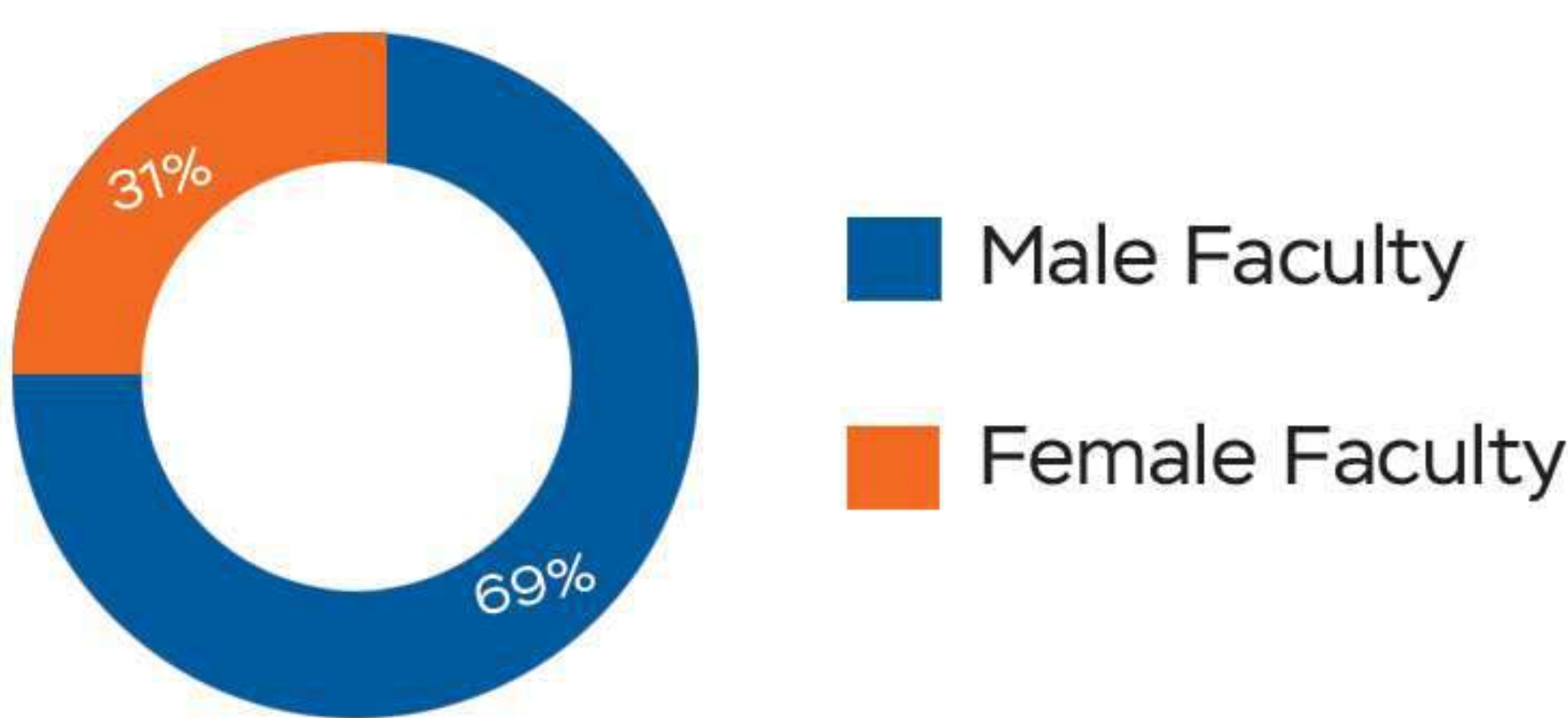
Gender Ration of Students



Gender ratio of faculty

Total faculty: 362
Total female faculty: 111
Percentage of female faculty: 30.66%

Gender Ratio of Faculty



Childcare Facility:

Aditya University is proud to offer a dedicated day care facility for its staff and faculty, providing a supportive environment for working parents. The on-campus childcare center is designed to ensure that faculty and staff can balance their professional responsibilities with their family commitments, offering a safe, nurturing, and convenient space for their young children. By providing this service, the university demonstrates its commitment to creating a family-friendly workplace that values the well-being of its employees and promotes a healthy work-life balance. The day care facility not only supports the parents within the university community but also fosters a positive and inclusive environment for all staff and faculty members.





Introduction :

Aditya University is dedicated to promoting affordable and clean energy as part of its commitment to sustainable development. The university has integrated renewable energy solutions, including solar panels, to power campus buildings, reducing its carbon footprint. Energy efficiency initiatives, such as smart lighting and energy-saving technologies, have been implemented across the campus. Additionally, the university offers courses and research opportunities focused on clean energy technologies and sustainability. Outreach programs and partnerships with local communities have helped raise awareness about energy conservation, encouraging sustainable practices and access to renewable energy sources for underserved areas.

Institute Plans to Upgrade Existing Buildings to Higher Energy Efficiency:

The Institute has implemented a range of energy-efficient upgrades across campus buildings. This includes the installation of LED lighting systems, which significantly reduce electricity consumption, as well as the integration of solar energy solutions on several buildings to harness renewable power. Additionally, improvements have been made to insulation, HVAC systems, and energy management technologies to further optimize energy use. Moving forward, the university plans to leverage these existing enhancements to continue reducing our environmental impact, increase sustainability, and further decrease long-term energy costs.

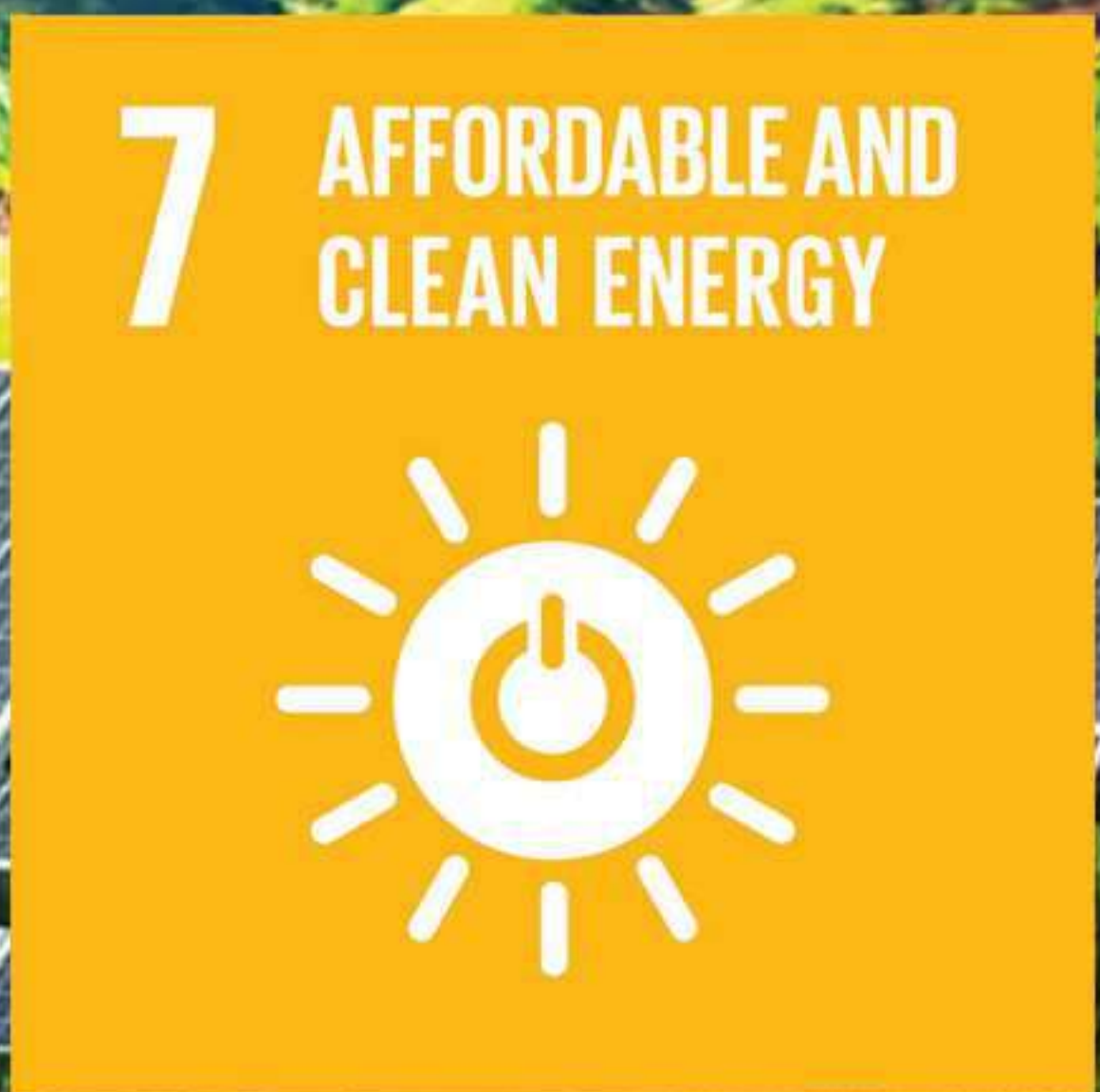
A) Solar Energy

Solar Panels are erected on the rooftops of the buildings with a capacity of 500 KW power generation. The generated power is wheeled to the grid.



B) Biogas Plant





C) Wheeling to the Grid:



D) Sensor- based Energy Conservation



Green Campus Initiatives

Our university has a proactive approach to carbon management and reducing carbon dioxide emissions. As part of our sustainability initiatives, we have implemented several strategies to lower our environmental footprint. One key measure is the restriction of automobile entry within the campus, encouraging a shift towards more sustainable transportation options. The university promotes the use of bicycles and battery-powered vehicles, which helps reduce the reliance on fossil-fuel-powered cars. Additionally, we have developed pedestrian-friendly pathways to encourage walking and ensure a more eco-friendly campus environment. Our commitment to sustainability is further reflected in our landscaping efforts, with the planting of trees to improve air quality and reduce carbon dioxide levels. These efforts are part of a broader strategy to create a greener, more sustainable campus for all students and staff.

In line with the Swachh Bharath Mission initiated by Government of India, the Institute prioritizes Swachh Bharath Abhiyan and rural development. In this context, the institute focuses to sensitize all its stake holders towards environment, sustainability and rural development. The Institute effectively manages solid waste, liquid waste and e- waste thus contributing to environment protection. Rain water is effectively utilized through water harvesting to recharge the ground water. Solar panels are installed on the roof top of the buildings for solar power generation and wheeling to the grid. The institute is recognized as “Cleanest Higher Educational Institutes” in the country by MHRD with third rank under Swachh Campus Rankings 2019 under the category of residential colleges. The institute is awarded with certificate of appreciation for notable involvement in “One Student One Tree” initiative of AICTE (All India Council for Technical Education).



A) Restricted Entry of Automobiles:

The initiative aims to reduce traffic congestion, improve air quality, and create a safer, cleaner environment by encouraging walking, cycling, and the use of public transport, fostering a greener campus community.



B) Use of Bicycles/ Battery powered vehicles

As part of our commitment to carbon management and reducing environmental footprint, the institute encourages the use of bicycles and battery-powered vehicles across the campus by replacing traditional gasoline-powered transport with cleaner alternatives. We aim to significantly lower carbon dioxide emissions and contribute to global sustainability efforts. This shift not only helps reduce air pollution but also promotes a healthier, more eco-friendly campus environment

C) Pedestrian Friendly pathways

In our efforts toward carbon management and reducing carbon dioxide emissions, the development of pedestrian-friendly pathways across the campus plays a vital role by encouraging walking, we reduce the reliance on fossil-fuel-powered vehicles, helping to lower overall carbon footprints.



D) Landscaping with trees and plants

Landscaping with trees and plants is a key efforts to manage carbon and reduce carbon dioxide emissions across the campus. Trees naturally absorb CO₂, helping to mitigate the effects of climate change and improve air quality. By increasing green spaces, we enhance the campus aesthetic and promote biodiversity and ecological balance. This initiative supports our broader sustainability goals, contributing to a healthier, more resilient environment.



Introduction:

Aditya University has made significant progress in fostering partnerships to advance the Sustainable Development Goals (SDGs). The university collaborates with a wide range of organizations, including NGOs, governments, and private sector partners, to strengthen its educational and research initiatives. Through academic partnerships, joint research projects, and knowledge exchange programs, the university contributes to global efforts for sustainable development. Outreach programs and community engagement initiatives further support collaborative efforts, helping bridge gaps in education, healthcare, and technology. These partnerships enhance Aditya University's capacity to address global challenges and promote the achievement of SDG 17.

Educational Initiatives:

Aditya University is deeply committed to addressing the United Nations Sustainable Development Goals (SDGs) through meaningful collaborations with NGOs. In particular, the university works closely with the LEO Club, an NGO focused on youth empowerment and community service, to actively tackle issues such as poverty and hunger. Through various outreach initiatives and community development projects, Aditya University and the LEO Club aim to create sustainable solutions that alleviate poverty and provide support to underserved communities. Additionally, the university partners with the Youth Red Cross unit to promote the SDG of Good Health and Well-Being. This collaboration focuses on health awareness campaigns, medical assistance drives, and initiatives aimed at improving overall well-being, particularly in marginalized communities. These partnerships allow students and faculty to engage in impactful work that directly supports health, nutrition, and education, enhancing the overall quality of life for many.

By working alongside these respected NGOs, Aditya University is making a significant contribution toward achieving the SDGs, fostering a sense of social responsibility, and empowering students to be change-makers in their communities.



On October 15, 2023, members of the Aditya Leo Club visited Jeevan Spoorthy Children's Home in Kakinada, bringing essential food and groceries to support the children. The visit was a deeply meaningful experience, filled with games, conversations, and laughter. It served as a powerful reminder of the impact that kindness can have, both on those who receive it and those who give it. Inspired by the children's resilience and uplifting spirit, the club is more committed than ever to making a positive difference in the community, fostering compassion, and spreading hope.



On March 10, 2023, the Leo Club of Aditya Engineering College visited Janavali Old Age Home, where they donated and installed ceiling fans to enhance the residents' comfort. The funds for this initiative were raised through a student-led campaign, reflecting the club's dedication to social welfare. This act of service underscores the club's ongoing commitment to promoting compassion and encouraging a spirit of community service among its members.



On March 10, 2023, the Leo Club of Aditya Engineering College visited Janavali Old Age Home, where they donated and installed ceiling fans to enhance the residents' comfort. The funds for this initiative were raised through a student-led campaign, reflecting the club's dedication to social welfare. This act of service underscores the club's ongoing commitment to promoting compassion and encouraging a spirit of community service among its members.



On October 11, 2023, to celebrate Mr. Badam Balakrishna's birthday, a blood donation camp was held at the Lions Club Hall in Ramaraopeta, Kakinada. Sixteen students from our college participated by donating blood, making the event a resounding success. We are incredibly proud of our students for their selfless contribution. The blood collected will go on to make a meaningful difference in our community, helping to save lives and support those in need.