



NIZAM COLLEGE

Autonomous

Re-accredited by NAAC with B⁺⁺

A Constituent College of Osmania University



a

INSTITUTIONAL DEVELOPMENT PLAN

2018-2028

INTRODUCTION

Established in 1887 by the amalgamation of Hyderabad School and the Madarsa-i-Aliya, Nizam College is one of the oldest and most esteemed institutions of higher education in South India. It was affiliated to the University of Madras for 60 years after its inception, and was made a Constituent College of Osmania University on 19th February 1947.

Nizam College offers both undergraduate and postgraduate courses in the Faculties of Arts, Social Sciences, Commerce and Sciences in addition to professional courses such as MBA, MCA, B.Sc. Data Sciences, B.Sc. Honors in Computer Science and BCA. Several of our students are also pursuing doctoral and postdoctoral research. The college received the status of the College with Potential for Excellence both under the X Plan and the XI Plan period. The College is accredited by NAAC in March 2019 with 'B⁺⁺' grade with a CGPA of 2.92.

The Placement Centre organises on-campus recruitments involving industries and MNC's like Wipro, Infosys, Cognizant, Satyam, Nipuna, GE, etc. totalling to more than 25 to 50 reputed companies visit the college every year. Students come from a wide range of social status and different regions which creates a healthy atmosphere and an ambience of a global community with rich cultural exchange. Nizam College is foremost in the preference of students from various Asian and African countries.

VISION

To continue as a centre of excellence in education and research and consolidate our position as a reputed institution of higher education in the country.

MISSION

- To Build across the college a culture of excellence in teaching and learning along with support activities
- Enhance college standing as the college of choice for students across the country, and cater to international standards of teaching and learning
- Provide the students with a teaching learning experience that develops in them the capacities for creativity, critical judgement, effective communication, and in-depth knowledge
- Enhance interaction with industry/ business /academic in teaching programmes through guest lectures, seminars, adjunct faculty programs, and industrial/business/academic internships for students
- Increase the participation of faculty from reputed national and international institutions in symposia/seminars/short-term courses for students and faculty
- Ensure effective evaluation of teaching/ learning curricula, co-curricular opportunities of students and teachers
- Provide incentives to teachers/learners for research and consultancy
- To develop an environment-friendly campus.
- Be able to create innovators, leaders and entrepreneurs
- Achieve excellence in application-oriented research in different areas so as to contribute to development of the region and the nation
- Promote co-curricular activities for over-all personality development of the students
- Develop responsible citizenship through awareness and acceptance of value-based education
- Simplify procedures and increase awareness towards individual accountability
- Provide efficient administration and responsive support for all activities of the college
- Provide remedial courses to preferentially admitted students and special attention to the physically challenged
- Develop an environment friendly campus
- Build alumni family, friends to create a network of allegiance & support for college
- Be able to foster among alumni the pride in their alma mater.

INSTITUTIONAL DISTINCTIVENESS

Nizam College has established itself as a premier institution in the educational sector, distinguished by its commitment to academic excellence, research, and holistic student development. With a rich legacy and a forward-thinking approach, the college has carved a unique niche by offering quality education, industry-aligned programs, and value-added initiatives. Its emphasis on innovation, inclusivity, and societal impact further reinforces its reputation as a center of learning that nurtures future-ready professionals and responsible citizens.

MARGASHODAK-PIONEER IN ACADEMICS

As a pioneer Institution it has always taken the lead, and has the credit for the being first to introduce:

- English medium education
- Higher education to girls
- Chem-informatics as an Add-on course at B. Sc., level in 2007
- Bio-Physics as a special paper for M. Sc Physics
- Molecular Modeling in M. Sc (Chemistry) curriculum
- Pharmaco informatics Specialization in M.Sc. (Chemistry)
- B. Com E-Commerce,
- BCA for foreign and local students
- MSC(IS) for Indian and Global students
- Modern Language in Telugu
- BBA course for foreign students
- Theatre Arts
- Courses on Clinical Palynology and Forensic Palynology, Applied Palynology, with focus on forensic, clinical, and taxonomical aspects
- Cultivation of mushrooms by Cordyceps
- B.A. (Honors) (4Years)
- B.Sc. (Honors) (4Years)

PRAKALP VINTI- PROJECT AND INTERNSHIPS OF STUDENTS

The commitment to academic excellence is seen in the encouragement and motivation given towards students of the college as well as facilitating outside students to pursue projects. All UG and PG final year students carry out a project in the final semester. Students are engaged in Projects and Internships.

Projects

MBA students were also part of an Entrepreneurship Development Program in collaboration with ni-msme. Indian Overseas Bank conducted an incognito survey throughout its city branches wherein the MBA students were chosen and paid stipend. IOB offered internships to our students. Students of Informatics Department did Internship with Hyderabad City Police on Cyber Internship Program. Students from St. Francis College for Women, Begumpet, use the Pharmaco-Informatics Lab, Nizam College for their projects

Field Works: Students from the Department of Zoology, Botany, Sociology, Geography and Psychology go on field trips.

Students from Humanities and Social Sciences also go for an experiential and hands experience as related. Eg. M. A. English students go the Hyderabad Literary Festival

SAMSHODANKENDRA-RESEARCH:

FACULTY DEVELOPMENT PROGRAMS, CONFERENCES, RESEARCH PUBLICATIONS, PATENTS AND PROJECTS

The faculty is encouraged with leave and financial assistance to take part in conferences and FDPs to familiarize themselves with current issues and emerging areas of research.

Teachers across disciplines are engaged in research projects funded by UGC under various criteria like Start-up Grants, Minor or Major research Projects, etc. Projects worth Rs. 664.43 lakhs have been sanctioned to teachers from the various departments like: Chemistry, Physics, History, Zoology, Economics, English, and Biotechnology

Patents

Department of Chemistry: Dr. Sarita Rajender has two patents for her invention on “Improved process for the preparation of dihydro indolone compounds and their cytotoxicity.”

Patents developed: Department of Microbiology Students carried out the project “Toothpaste Composition with Improved Oral Health” and after presenting it at various seminars a patent was filed and published. This patent was selected for Telangana Innovation Yatra after undergoing through TS hackathon. Department of Microbiology also have four more patents:

1. Bee free and microbial honey and its derivatives
2. Cordyceps militaris production and usage as energy enhancer
3. Tooth sensitivity alleviating preparations
4. Microbiological media solidifying agent and uses

NAYAKATVAM KUSHALTA- LEADERSHIP SKILLS

The world needs not only academicians but also efficient administrators. The institution provides teachers and students especially with many roles in various committees to hone their leadership abilities. With an approach that believes in decentralization and participative management methodology in all the activities, Nizam College empowers all the heads of the departments, teaching and non-teaching staff to be pro-active and develop their management and administrative abilities. Students’ representatives and student members in college committees are encouraged to emerge as future leaders. For instance, Students are members of Board of Studies, Women Empowerment Cell, SC/ST Cell, Placement Cell, etc.,

ADVITIYA SAMPRADHI- ALUMNI-ACADEMICS

The illustrious alumni of the College have occupied many prominent positions in various fields of the society. The alumni meet regularly for various intellectual exercises, suggestions are taken for their improvement and they as well contribute in financial matters and placements. The Alumni have been instrumental in instituting 24 gold Medals for meritorious students thereby augmenting the academic with a competitive spirit.

SAMPOORNA CHATRA VRIDDI - ALL ROUND DEVELOPMENT OF STUDENTS

Nizam College encourages students in NSS, NCC, Sports, co-curricular and Extra-curricular activities. Apart from NSS units, many other students take active role in volunteering through various departments and organizations. Nizamians are known for their social-responsible activities. Department of Psychology is very active in spreading awareness on psychological issues and conducting Career Guidance Programs in Government Schools and also did a lot of psychological counseling Post-Covid and Pandemic based issues. Our students participate in many socially responsible and volunteering works ranging from education to environment, medical camps to many awareness programs in society.

Sports: Nizam College has a proud legacy of excellence in sports and athletics, with students actively participating and excelling in various competitions at the College, University, National, and international levels. The institution strongly promotes sports culture, recognizing the role of physical fitness, discipline, and teamwork in holistic development.

Equipped with state-of-the-art sports facilities, including indoor and outdoor arenas, gymnasiums, and specialized coaching, the college provides a nurturing environment for aspiring athletes. Students have showcased outstanding performances in cricket, football, basketball, athletics, badminton, chess, volleyball, and other sports, consistently winning medals, championships, and prestigious titles.

SHIKSHAK –SHISHYA PRABANDH- LIFTING AS WE CLIMB

Mentoring: Since Academics are the backbone, the College has an effective Mentoring system through which students are counseled effectively to focus on academic activities.

Remedial Classes and Bridge Courses: Various department like English, Mathematics, Science and Computers and Informatics conduct needs-based courses on a regular basis to ensure that slow learners are not left behind.

EOC, CEDM and Placement Cell: All these three bodies play a vital role in identifying students, explore the job opportunities, impart training and coaching, and conduct placement drives.

Nizam College offers a variety of value-added courses designed to enhance students' academic and professional skills. These courses are available across multiple departments and are recognized by the University Grants Commission (UGC). For example: Gender Sensitization, Soft Skills, Spoken English Skills, Computer Networking and Protocols

These programs aim to complement the regular curriculum by providing specialized knowledge and skills, thereby enhancing students' employability and personal development. The Internal Quality Assurance Cell (IQAC) of Nizam College actively monitors and evaluates these courses to ensure they meet educational standards and effectively contribute to the students' learning experience.

YANTRIKARAN- AUTOMATION

Nizam College has adopted modern approaches by using technology and automation process wherever possible. During Covid, faculty were imparted training in Zoom, Google meet and Google Suite platforms enabling them to take classes and even record their sessions on G-Suite and conduct exams via Google forms.

- Admission process is through online portal DOST.
- Biometric attendance for staff and students.
- Exam Branch is automated for students to pay fees, apply for exam, evaluation etc.

INSTITUTIONAL DEVELOPMENT PLANS AND NEP 2020

Our developmental plans for the future are aligned with the NEP 2020 and are presented briefly:

1. College with a legacy and dreams for future- **Samskāravidhāyini**
2. Multi-disciplinary and inter-disciplinary - **sampraveshita**
3. Academic Bank of Credits - **ĀkādamikŚreṇīkoṣa**
4. Skill Development - **Kauśalavṛddhi**
5. Appropriate Integration of Indian Knowledge System - **Bhāratīyajñānasāgraha**
6. Focus on Outcome Based Education - **Pariṇāmakendritśikṣā**
7. Distance Education/Online Education - **Dūrasīkṣā**
8. Professor of Practice - **Vyavahārācāryaḥ**

College with a legacy and dreams for future - Samskāravidhāyini

Nizam College with a rich legacy of academic excellence and cultural significance in line with the National Education Policy (NEP), is committed to evolving its curriculum and pedagogical approach to meet the changing demands of the global standards. Along with the traditional programs we have also introduced B. A. Honors in Economics, B.Sc. Honors in Computer Science, and BBA (Retail Operations), B.Sc. Data Sciences, B. Com. Finance programs as a part of this vision, promoting specialized knowledge and skill development.

We propose to introduce more contemporary programs and courses. We look forward to welcome an increasing number of international students in the upcoming academic years, further enriching the diverse academic and cultural environment of our college.

Multi-disciplinary and inter-disciplinary - Sampraveshita

In alignment with the National Education Policy (NEP), Nizam College is committed to foster multi-disciplinary and inter-disciplinary approach to education. The college plans to integrate diverse fields of study to provide students with a broader academic perspective and enhance their ability to solve complex, real-world problems.

To implement this vision, Nizam College will offer flexible curricula that allow students to explore subjects across multiple disciplines. By introducing cross-departmental electives, collaborative research, and interdisciplinary projects, the college aims to encourage critical thinking, innovation, and collaboration. This approach will empower students to develop well-rounded skill sets and adapt to the evolving demands of a globalized society, while maintaining Nizam College's tradition of academic excellence.

The creation of a cluster college group has furthered the scope for facilitating multi-disciplinary and inter-disciplinary approach in the education system.

Academic Bank of Credits - ĀkādāmikŚreṇīkoṣa

In accordance with the National Education Policy (NEP), Nizam College has registered and implemented the Academic Bank of Credits (ABC) system. The ABC system is designed to offer students greater flexibility and autonomy in their academic journey by enabling them to earn, store, and transfer credits earned from different institutions or courses.

Nizam College plans to integrate the ABC system into its academic structure, allowing students to choose courses from various disciplines and institutions, fostering a multi-disciplinary and personalized learning experience.

The Multiple Entry and Exit System (MEES) at Nizam College offers students flexibility in education, enabling them to join or leave a program at various stages while preserving their earned credits through the Academic Bank of Credits (ABC).

It enhances career opportunities by enabling students to obtain a certificate, diploma, or degree based on their completed coursework. The system supports interdisciplinary learning, reduces dropout rates, and aligns with the National Education Policy (NEP) 2020.

Skill Development - Kauśalavṛddhi

In line with the National Education Policy (NEP), Nizam College aims to prioritize skill development alongside academic learning to equip students with practical, employable skills that are essential for success in the modern world. The college plans to introduce courses in alignment with the National Skill Qualification Framework (NSQF).

Nizam College proposes to introduce more specialized workshops, training programs, and certifications in partnership with industry professionals and experts. The college will focus on hands-on learning experiences, internships, and collaborative projects with local industries and organizations to bridge the gap between academic knowledge and real-world applications. Additionally, soft skills training will be integrated into the curriculum to ensure holistic student development.

Nizam College plans to introduce vocational courses and programs related to Artificial Intelligence to cater to the growing demand for industry-relevant skills and emerging technologies.

Appropriate Integration of Indian Knowledge System - Bhāratīyajñānasaṅgraha

As the Western world looks towards the East, India has a rich Indian Knowledge System (IKS) to offer, encompassing ancient wisdom, scientific advancements, and holistic learning traditions rooted in philosophy, medicine, mathematics, and sustainable living in alignment with the New Education Policy (NEP). Offering **Sanskrit as a second language** helps preserve India's rich intellectual and cultural heritage, and introducing a **certification program in yoga** aligns well with promoting holistic well-being and ancient wisdom. This will encourage students to connect with India's intellectual roots, while also fostering an appreciation for classical literature and language.

In addition, several science departments at Nizam College are actively engaged in research related to plants and leaves, aligning with traditional Indian knowledge in areas such as Ayurveda and botanical studies. The integration of these research areas with modern scientific methods will bridge the gap between ancient wisdom and contemporary science, offering students a holistic perspective on nature, sustainability, and environmental conservation.

Through these initiatives, Nizam College aims to provide a well-rounded education that blends the rich legacy of the Indian Knowledge System with the advancements of modern education, preparing students to contribute meaningfully to both the preservation and evolution of knowledge.

Focus on Outcome Based Education - *Pariṇāmakendritśikṣā*

In alignment with the National Education Policy (NEP), Nizam College is committed to adopting a robust Outcome-Based Education (OBE) framework, which emphasizes measurable learning outcomes and ensures that students acquire the necessary knowledge, skills, and competencies to succeed in their academic and professional careers. This approach will ensure that education at Nizam College is not only about theoretical understanding but also about achieving tangible life skills.

As part of this plan, the college will define clear, measurable learning outcomes for each course and program, aligning them with industry standards and global best practices. Faculty will design curriculum, teaching methodologies, and assessment strategies that are centred around these outcomes, promoting active learning, critical thinking, and problem-solving skills.

Additionally, Nizam College will engage in regular curriculum review and revisions, based on feedback from stakeholders, including students, alumni, and industry experts, to ensure the

relevance and effectiveness of its educational offerings.

Distance Education/Online Education - Dūraśikṣā

Nizam College aims to expand its reach through distance and online education by introducing flexible, high-quality learning programs. The college plans to offer online certificate, diploma, and degree courses to cater to diverse learners. By leveraging digital platforms, virtual classrooms, and interactive learning resources, the institution seeks to provide accessible and industry-relevant education. Additionally, collaborations with ed-tech platforms and universities will be explored to enhance course offerings and ensure global standards in online education.

Nizam College can enhance its educational offerings through online and distance learning by integrating platforms like SWAYAM and NPTEL. By combining these resources with live online classes on platforms such as Zoom and Google Meet, the college can provide a flexible and accessible learning experience for students. Faculty can use an LMS (Learning Management System) like Moodle or Google Classroom to deliver content, assignments, and conduct assessments, ensuring smooth communication and feedback. Ultimately, the integration of these digital platforms will enrich the curriculum, ensure inclusivity, and position Nizam College as a leader in online education.

Professor of Practice - Vyavahārācāryaḥ

Professors of Practice bridge the gap between academics and real-world applications by bringing industry expertise into the classroom. They focus on experiential learning through hands-on training, case studies, and industry-driven projects, helping students develop critical thinking and problem-solving skills. By aligning the curriculum with industry needs, they ensure students gain relevant, practical knowledge. Additionally, they mentor students in research, innovation, and entrepreneurship while facilitating internships, industrial visits, and networking opportunities. Their role enhances education quality, career readiness, and employability, making them invaluable to academic institutions.

INSTITUTIONAL DEVELOPMENT PLAN 2018-2028

Nizam College continues to envision and relentlessly make efforts to revamp and revise the existing system, as well as set new goals and targets to thrive and excel. In the changing global scenario, we have set the following goals and objectives

Academic Excellence and Research Innovation

- Enhance the curriculum to align with emerging trends in various fields, particularly in science, technology, engineering, arts, and mathematics (STEAM).
- Strengthen a robust research culture across disciplines.
- Strengthen partnerships with industries, academia, and government agencies to enhance practical learning and research.

Student Development and Success

- Enhance student support services including counselling, career guidance, and mentoring programs.
- Provide students with the skills necessary for the future workforce.
- Promote extra-curricular and co-curricular activities to encourage leadership, social responsibility, and teamwork.

Infrastructure and Campus Development

- Modernize facilities and expand campus infrastructure to meet the needs of a growing student body.
- Implement smart campus technologies to support digital learning and sustainable practices

Community Engagement and Social Responsibility

- Enhance the college's role in community development through outreach programs.
- Adopt local schools /slum areas under Nizam Care Initiative
- Engage in more collaborative activities through MoUs, Alumni and develop partnerships with industries, NGOs, and government bodies to address regional challenges

Financial Sustainability and Growth

- Nizam College can enhance financial growth by partnering with tech companies and research organizations for funded projects, internships, and collaborative research initiatives.
- Nizam College can expand its offerings by providing specialized certifications and online courses designed for professionals and remote learners.
- Nizam College can leverage its alumni network to secure donations and establish endowment funds to support scholarships and infrastructure development.
- Nizam College can generate additional revenue by renting out campus facilities for events and leasing underutilized spaces.

The implementation of the Institutional developmental plan will be monitored regularly by the College's leadership team. Progress towards goals will be assessed annually, with adjustments made as necessary to ensure alignment with the overarching vision.

7. Conclusion

This Institutional developmental plan represents Nizam College's commitment to shaping a brighter future for its students, staff, and the surrounding community. By focusing on academic excellence, innovation, infrastructure, and sustainability, the college will maintain its role as a leader in higher education, guiding its students towards success in an increasingly complex world.