



# GURU NANAK INSTITUTE OF TECHNOLOGY

**City Office:** B2, 2<sup>nd</sup>Flr, Above Bata, Vikrampuri Colony, Karkhana Road, Secunderabad-50009, Telangana, India.

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## GURU NANAK INSTITUTE OF TECHNOLOGY

### Strategic Plan 2017-22

(Review & Updated as on May-June, 2017)



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Dr. M. Satchidananda Rao

*President, Barah Moula Educational Society*

Dr. M. Satchidananda Rao, aged 53 years hails from a village in Karimnagar District of Andhra Pradesh is a Physician by profession and Philanthropist by nature. He started his activities by establishing a Chit Fund Firm in the year 1984 and successfully run the same for 8 years. Later transformed himself as a Builder and Developer and established construction companies viz., My home Raghuram Constructions, Raghuram

Constructions, Global Home & Hearth pvt. Ltd. etc., and so far completed 34 projects (3.2 Million sft) for Commercial/Residential/Educational Institutions use.

Dr. Satchidanandarao is running

- (i). Vivekananda Educational Trust
- (ii) Vivekananda Educational Society
- (iii) Satchidananda Educational Society and
- (iv) Barah-Moula- Educational Society

with the sole aim of imparting quality technical education at affordable tuition fees to poor students in rural areas. Presently 3 Engineering colleges in Karimnagar District and one Engineering college in Ibrahimpatnam are functioning under the administration of the trusts/society which are located in his own land and more than 3000 students from rural areas are studying in the colleges which are known for its excellence dedication towards rural people. Dr. Satchidanandarao is also in the Board of Governors of Alliance University Bangalore.



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A dynamic leader who works on the strong principle “To Believe, Achieve and Succeed”. He is persistently putting efforts to make Panineeya Hospital, Institute of Dental Sciences & Research Centre, a world class institute par excellence. He feels the need to provide an encouraging and motivating atmosphere for the students which in turn would help them to develop into well qualified professional Dentists of tomorrow.

He goes by the saying that – “Climb every mountain, cross every stream, follow every rainbow, till you find your dream”. All the institutions are keen in laying a strong foundation to the students to get through to the thresholds of bright career.

Sardar Gagandeep Singh Kohli

*Vice-Chairman, Guru Nanak Institutions  
Secretary, Guru Nanak Educational Society*



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Dr. H.S. Saini Managing Director, GNI

**Dr. H. S. Saini**, Managing Director at Guru Nanak Institutions obtained his M. Tech. & Ph. D. in the field of Computer Science. He has over 26 years of work experience at University / College level in teaching/ guiding UG/PG/PhD students. He has published/presented high quality research papers in International, National conferences and Research Journals. Dr. Saini is an author of three research books and number of general articles. Dr. Saini is a lover of innovation, he is founder and Chief-Editor of Innovation Journals ([www.innovationjournals.com](http://www.innovationjournals.com)). He is eminent speaker, visited many renowned institutions in India and abroad has shared his expertise in industry-institution linkage, outcome base learning, teaching learning, employability, RnD and Entrepreneurship.



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Dr. S.SREENATHA REDDY,

(Principal) – Guru Nanak Institute of Technology

Dr. S.SREENATHA REDDY, Presently working as Principal & Professor at Guru Nanak Institute of Technology under JNTUH, Hyderabad. Dr. S.SREENATHA REDDY obtained B.Tech, Mechanical Engineering from JNTU, Hyderabad, M.Tech.- Heat power, Refrigeration & Air conditioning from JNTU, Hyderabad and Ph.D. Faculty of Mechanical Engineering from JNTUA . Dr. S.SREENATHA REDDY held various administrative posts and developed the Institution with his projects and developmental activities. Notable among his awards i.e National award for best research publication i.e Jawaharlal Nehru memorial prize issued Institution of Engineers on the occasion of Inauguration 27<sup>th</sup> Indian Engineering Congress at New Delhi in the year 2012 and "Bharat Vidya Shiromani Award" and a "Certificate of Education Excellence" for Outstanding Achievements in the field of Education given by International Institute of Education & management on 22<sup>nd</sup> December 2014 at New Delhi & Glory of Education of Excellence Award is issued by IIEM on 4<sup>th</sup> March 2015 at New Delhi. Dr. S. Sreenatha Reddy received award as Best Academic Administrator from Centre for Advanced Research and Design under Venus International Foundation on 5<sup>th</sup> July 2015.







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**Dr. Anmol Kumar Goyal**, Dean (Academics) – Guru Nanak Institute of Technology under JNTUH, Hyderabad, has obtained his B.E. (Electronics) from Mumbai University. He did his post- graduation and PhD in Electronics & Communication from Punjab Technical University. He has also qualified the GATE in Electronics & Communication. His research area is Wireless Communication. He has published 12 research papers in international journals. He has presented many research papers in different international & national conferences also. He has authored 2 books on Microprocessors. He has attended several short term courses on different topics. He has guided more than 12 PG students and many undergraduate students in their project and thesis work. He has more than 19 year of teaching experience.

Dr. Anmol Kumar Goyal,

Vice Principal – Guru Nanak Institute of Technology



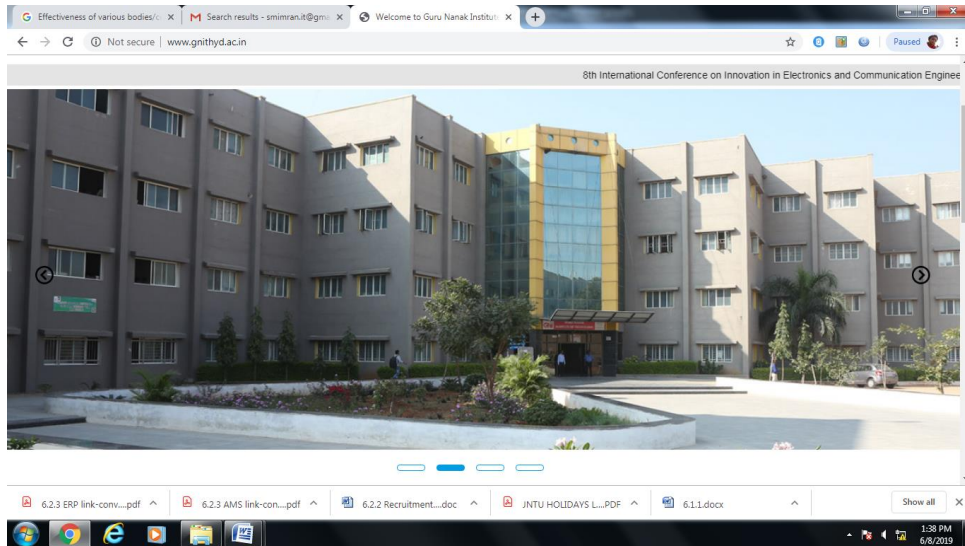


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## About GNIT



Guru Nanak Institute of Technology (GNIT) is approved by AICTE and affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad.

GNIT is an element college of Guru Nanak Institutions and a premier institution that takes the challenging task of engineering and technological world and continuing as a pioneer in the field of education.

The devoted teaching community of GNIT is its greatest asset. The faculty members have made significant contribution not only to the academics of the college but also shaped the corporate, social and cultural life. There is a great sense of belongingness to this institution among the faculty members and students. The students who come to GNIT are among the top achievers from their schools and add further achievements to their credit.







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## 1. Strategic Planning - GNIT

The **Strategic Plan** ensures that the plans achieved through accountability process comprising of review, evaluation, reporting and, where necessary, re-planning. The Strategic Plan 2012-17 was reviewed in May-June 2017 for developing Five Year Strategic Plan for 2017-22.

1. The long term (5yrs) is developed by the Institutional Quality Assurance Cells (IQACs).
2. Deans, HoD's through respective IQAC set Individual targets (Faculty/Staff), fixing milestones and accountability considering the following aspects:
  - a) Academic & Teaching-Learning
  - b) Infrastructure Resource
  - c) Faculty/Staff Resource
  - d) Industry Interaction and Placement
  - e) Research & Innovation
  - f) Student Development Activities
  - g) Events & Academic Calendars
3. The Faculty wise Targets like Academic & Teaching-Learning Planning etc. are examined and finalized by Institute IQAC. The proposed Annual Planning comprising of all the above mentioned aspects are placed before the competent authority. After the approval, the recommendations are circulated to all concerned for its implementation, compliance and review.
4. The Strategic Plan for the year 2012-17 was reviewed comprehensively to develop the Strategic Plan for 2017-22.





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## Vision & Mission

### Vision of the Institute

To be a world –class educational and research institution in the service of humanity by promoting high quality Engineering and Management Education.

### Mission of the Institute

- Imbibe soft skills and technical skills.
- Develop the faculty to reach the international standards.
- Maintain high academic standards and teaching quality that promotes the analytical thinking and independent judgment.
- Promote research, innovation and Product development by collaboration with reputed foreign universities.
- Offer collaborative industry programs in emerging areas and spirit of enterprise.

### Vision of the Computer Science and Engineering Department:

To be a leading department of Computer Science and Engineering in the region.

### Mission of the Computer Science and Engineering Department:

1. Nurture young individuals into knowledgeable, skilful and ethical professionals in their pursuit of Computer Science and Engineering.
2. Nurture the faculty to expose them to world-class infrastructure.
3. Sustain high performance by excellence in teaching, research and innovations.
4. Extensive partnerships and collaborations with foreign universities for technology up-gradation.
5. Develop Industry-Interaction for innovation and product development.

## QUALITY POLICY

GNIT is committed to provide quality education through dedicated and talented faculty, world class infrastructure and advanced Research center to the students.



## Process for defining Vision Mission of the department

The department has established the vision and mission through a consultative process involving the stakeholders of the department, contemporary issues, society requirements and considering the future scope of the department in time mapping with the vision and mission of institute.

The following are the steps are followed to establish Vision and Mission of department:-

**Step 1:** The vision & mission has been framed using inputs from major stake holders.

**Step 2:** The department has conducted brain-storming session with the major stake holders and identified SWOT to state the Vision and Mission of the department.

**Step 3:** The SWOT was scrutinized and checked with the consistency of Institute Vision & Mission by the department committee.

**Step 4:** Based on the finalized SWOT, the department Vision & Mission has been defined.

**Step 5:** Draft vision & mission was reviewed by advisory committee and review comments were taken by the department committee and finalized.

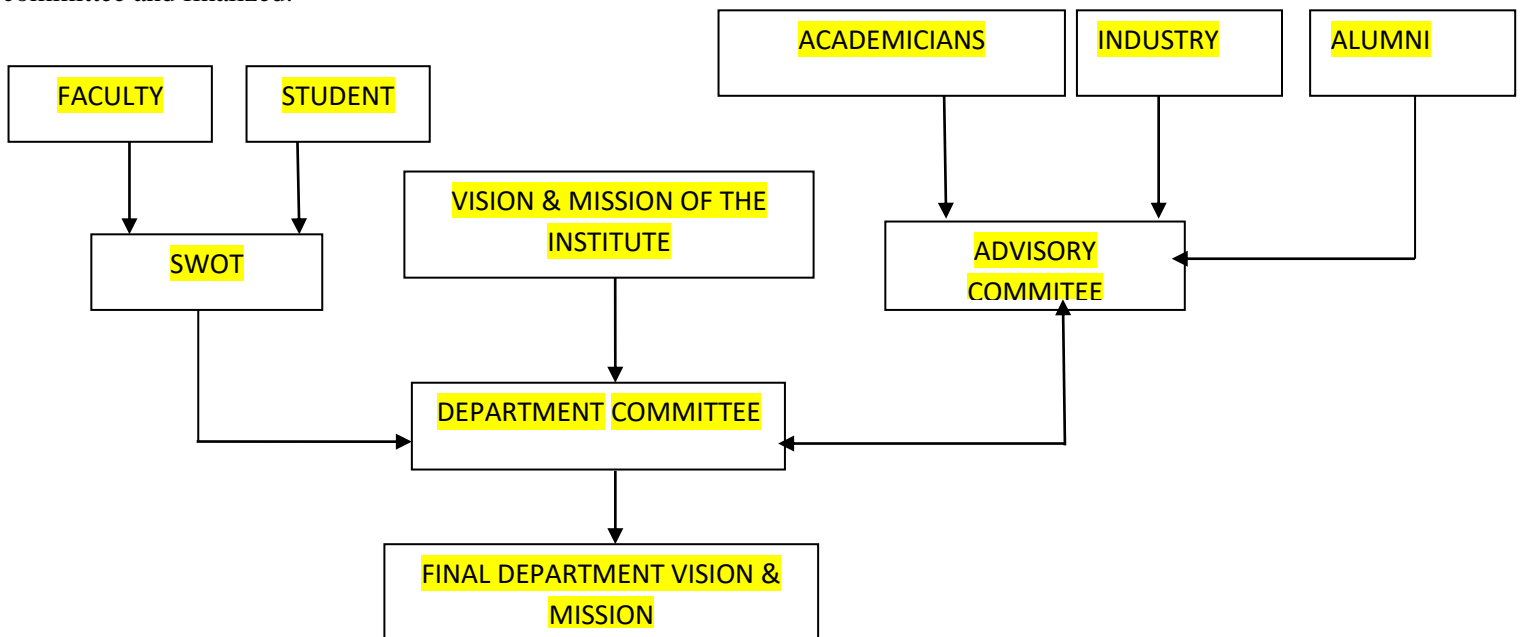


Figure 1.1: Process for defining Vision & Mission of the Department



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## Objectives of GNIT

1. The objectives of the institution are to disseminate and advance knowledge by providing Instructional, research and extension facilities in such branches of learning as it may deem fit.
2. The Institution endeavors to provide students and faculty the conducive atmosphere and facilities and infrastructure for the promotion of:
  - a) Innovations in education leading to new methods of teaching and Learning and integral development of personality
  - b) Studies in established and new disciplines.
  - c) Inter-disciplinary studies
  - d) National integration, secularism, international understanding and ethics

## Strategic Plans

The strategic plan is to emerge as elite institute with the national recognition and transform students into professional engineers and inculcating ethics for successful entrepreneurs by imparting contemporary education. Strategic plans are made in two stages to achieve vision of the institution as given below:

SI No.	Long term plan(2012-2017)	Long term plan(2017-2022)
1.	To develop highly effective teaching-learning practices like FDP, guest lectures, workshops and technical fest.	To obtain the accreditation process for National Assessment and Accreditation Council (NAAC)
2.	To establish digital classrooms.	To setup research centre in every domain.
3.	To initiate accreditation process for National Board of Accreditation.	To establish Centre of excellence in all domains.
4.	To engage with student training and development programs.	To establish Intellectual Property Rights cell.
5.	To establish a strong network alumni students, parents, academicians, and industry experts.	To initiate steps for digital transaction.
6.	To establish Entrepreneurship Development Cell.	To establish R & D centers.
7.	To establish Women Empowerment & Anti-Sexual Harassment Cell	To initiate R & D projects in collaboration with industry.
8.	To implement ERP system.	To attain autonomous status and introduce Choice Based Credits System.
9.	To initiate automation of library.	To modernize all labs as per emerging technology.

