



# VIDYA JYOTHI


## INSTITUTE OF TECHNOLOGY

Approved by AICTE & Affiliated to JNTUH  
An Autonomous Institution Accredited by NAAC  
Aziz Nagar Gate, CB Post, Hyderabad - 500 075, Telangana, India.

### INSTITUTE STRATEGIC PLAN 2020-25



[www.vjit.ac.in](http://www.vjit.ac.in)

  
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The strategic plan of the college is developed involving all the stakeholders through group discussions, workshops and adopting a participatory approach at institutional and department level. The Promoter Society is committed to educational development, infrastructural augmentation and institutional growth.. Management gathers information from all stakeholders, observers and evaluates the best practices and strategies of other institutions to strive for excellence. According to the perspectives of the Society, college determines the infrastructure and various activities for academic advancement, and allocates budget accordingly.

The strategic/perspective plans of all the departments are prepared after the institutional plan is drafted keeping in view the vision and mission of the institute. The plan is made with the innate characteristics of primacy and flexibility covering all the aspects of academic, administrative and quality issues. Academic activities are planned by adapting outcome based education adopting student-centric teaching methods, choice-based credit system, industry-oriented live projects, Participation in Hackathons, technical conferences etc.,. The administration involves the committees in various matters like course structure and continuous evaluation, training & placement, industry interaction, career counselling, entrepreneurship. Outreach and financial performance facilitates and ensures that teaching learning process runs smoothly and productively. Quality sustenance is carved out by training the faculty on cutting edge technologies, recruiting doctoral degree holders in different disciplines, arranging infrastructure to nurture the R&D activity, promotion of professional bodies and their activities for the overall development of staff and students.


The plan is developed with an objective of achieving excellence through optimum utilization of resources.

Institution has a strong Strategic plan prepared for 2015-20 aiming at clearly formulated objectives.

1. Facilitating high-quality knowledge
2. Curriculum as per industry trends/New Courses Introduction/Fast Track Curriculum
3. Fostering human values and all-round development
4. Development of competencies and skills/ Enabling to handle the technological challenges
5. Promote R&D and Consultancy through strong Industry Institute Interaction to address the societal problems
6. Create good infrastructural facilities for optimization of knowledge acquisition
7. Nurture the students holistically and make them competent to excel in the global scenario


The management conducts regular review of compliance to strategic plan (both long term goals and short term goals). It aims to conceptualize learning outcomes in more comprehensive terms and desires that its graduates possess distinguished academic and personal abilities. The management feels that quality of faculty and diversified educational system has an important role to play in an institution to reach its full potential.

To have more faculty with PhD qualification at all levels

  
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The institution encourages the existing faculty to pursue higher qualification and there is a considerable increase in the number of faculty registered for Ph.D. The institution aims at having 50% faculty with doctoral degree within next two years. The institution has excellent retention rate of faculty, thereby focusing on administrative stability, clarity, engagement in various faculty development programs. The management has implemented several measures for faculty satisfaction and retention.

The strategic plan was successfully implemented based on the actionable tasks mentioned in strategic plan and the outcomes are clearly visible now. The Strategic plan for 2020-25 is as follows.


  
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## Strategic Plan 2020-25


S.No.	Plan	Target	Action
1.	NIRF Ranking	<p>Participation in every academic year</p> <p>Ranking below 200 Band</p>	<ol style="list-style-type: none"> <li>1. Student outcomes improvement</li> <li>2. Placements Quality Improvement</li> <li>3. Research Publications</li> <li>4. Perception</li> </ol> <p>Focused on the above parameters during the years 2019-20:28.54 score <b>2020-21: 251-300 rank band</b></p>
2.	ARIIA Ranking	<p>Participation in every academic year</p> <ol style="list-style-type: none"> <li>1. Innovation, Pre-Incubation &amp; Incubation Centre/Facilities exists in campus</li> <li>2. Start-ups have received Grant / funding from Pre-Incubation/Incubation Centre/Facilities</li> <li>3. Co-Incubation Partnership: Co-Incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support</li> <li>4. Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities</li> <li>5. IP Granted and Published: Tech Transfer and Commercialized</li> <li>6. Total Expense towards innovation, IPR and Startup</li> </ol>	<p>Focused on the below initiatives</p> <ol style="list-style-type: none"> <li>1. MoE MIC Initiatives quarter wise initiated as per the calender</li> <li>2. Programs Conducted by Institute Related to IPR, Entrepreneurship / Start-ups &amp; Innovation</li> <li>3. I&amp;E Programs Organized within the Campus</li> <li>4. Short time &amp; Elective / Core Credit in Innovation/IPR/Entrepreneurship</li> <li>5. IPR Cell / Patent Facilitation Unit</li> <li>6. Support from the institute for IPR</li> </ol>

  
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3.	NAAC	To get A+ Grade in NAAC	<ol style="list-style-type: none"> <li>1. Action on NAAC PEER TEAM Comments</li> <li>2. SSR Submitted and waiting for peer team visit</li> </ol>
4.	NBA under Tier-1 for CSE,IT,ECE,EE & Mech departments/NBA Civil Accreditation	<ol style="list-style-type: none"> <li>1. To get Accreditation for Civil</li> <li>2. To apply for Accreditation Under Tier-1 for CSE,IT,ECE,EEE and Mech Departments</li> </ol>	<ol style="list-style-type: none"> <li>1. Civil department accredited under TIER-2 with 748 score</li> <li>2. Initiated efforts towards applying for NBA Under Tier-1</li> </ol>
5.	Autonomous Renewal	Preparing the autonomous document	<ol style="list-style-type: none"> <li>1. Autonomous expert committee visit completed.</li> </ol>
6.	Teaching and Learning Plan	<ol style="list-style-type: none"> <li>1. Development of smart class rooms with state-of- art facilities</li> <li>2. Use of more LCD and laptops in teaching and learning</li> <li>3. Extensive use of online Teaching and Learning resources (INFLIBNET )</li> <li>4. Teacher's skill enhancement through attending conferences and FDP's/STTP</li> </ol>	<ol style="list-style-type: none"> <li>1. Facilities have been increased.</li> <li>2. LCD projectors are available in all the class rooms and Laboratories</li> <li>3. Learning resources have been increased.</li> <li>4. Financial support provided for Teachers to enhance effective teaching skills.</li> </ol>
7.	Curriculum Improvement	<ol style="list-style-type: none"> <li>1. Internal and External Assessment: 30:70</li> <li>2. More MoUs for Student Exchange Programmes</li> <li>3. Introduction of MOOC's Credit Courses</li> <li>4. B.Tech Degree with Major/Minor</li> <li>5. To strengthen in the area of patents/Students Innovation patents submission.Suggestions given in academic council and BoG Minutes</li> </ol>	<ol style="list-style-type: none"> <li>1. This has been initiated and implemented for the academic year 2021-22</li> <li>2. 2,3,and 4 points are planning to implement for the academic year 2022-23 and further years.</li> <li>3. Suggestions have been noted and are under planning to be implement in a phased manner.</li> <li>4. Suggestions will be taken from stakeholders</li> </ol>


  
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8	To increase the pass percentage	Incremental improvement of 5% every year	Department wise strategic plan has been prepared to improve in this direction.
9.	Attract Funds for Research Projects	All departments need to apply for research proposals. And identify the sources for receiving funding	Applying for more funded research projects / proposals.  1. Total 16 research projects worth 153.845 lakhs granted during the last 5 academic years from UGC,DST and DRDO.
10.	Research Centers of University (ECE,EEE& Civil)	All Eligible departments	1. CSE & Mech Depts recognized in 2019-20 2. Applied for ECE,EEE and Mech Departments in 2020 3. Targeting for all departments to have recognized research centers.
11.	To increase the faculty with Ph.D qualification	1. Encouraging more internal faculty members to pursue Ph.Ds 2. Recruiting more Ph.D'S	1. Across all the departments 102 faculty have registered for Ph.D's. 2. Recruiting more Ph.D's, has been increased.
12.	Enhancing Quality Research Publications	1. Encouraging for more peer reviewed publications	3. Focusing more on quality research papers. 4. As on 2021(September) 230 Scopus and 61 WoS publications are there. 5. Target is to increase to 500 by 2025 as per the strategic plan of the departments. 6. Publications in indexed journals:Financial support to teachers
13.	Applying for patents	To strengthen in the area of patents/Students Innovation patents submission.	Plan has been initiated  1. As on 2021(September)11 patents have been granted, 30 patents published and 11 are in applied status. 2. 3 students have applied for patents. 3. Planning to support students to apply for more patents. 4. To focus on the revenue generation.

  
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14.	Quality Improvement Schemes Funding (AICTE/DST)	Applying for the schemes in AICTE AQIS and DST	1. As on today total 9 projects granted with 59.80 lakhs from AICTE
15.	Incubator for Startups	Applying for AICTE 'Technology Business Incubators' and 'Livelihood Business Incubators'  DST : Technology Business Incubators' DST : EDC funding	1. Institute has recognized MSME – Incubation Center 2. Data Ready 3. DST NIMAT funding received for 2 academic years 4. Plan has been initiated to apply for more schemes
16.	Placements Quality Improvement	1. To target for placement drives, only for an Annual Salary Package of 3 lakhs and above 2. To enhance the Technical/Coding skills in students 3. Professional Communication Skills 4. Core Companies plan	1. Necessary measures have been initiated to improve average salary package. 2. Training plan initiated to improve coding skills
17.	Green Audit	1. Procedure for Green Audit 2. Activities under Green Campus 3. Plastic free campus	Implementation of Green Initiatives 1. Rainwater Harvesting Pits 2. Solid Waste Water Management 3. Conducting Green Landscape Audit, Carbon footprint & Energy Audit, and Environmental Audit every academic year
18.	Energy Audit	1. Energy Audit Recommendation 2. Electricity Bill Analysis 3. Use of Solar Power PV and analysis (No. of units reduction)	1. Conducting Internal & External Energy audits annually

  
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19.	Internal and External Academic Audit	Internal and external academic audit every academic year at the end of 2 <sup>nd</sup> semester	Initiated and implementation every academic year
20.	Infrastructural Facilities	Improvement in infrastructural facilities	As per the Departments needs and student needs the Institute focuses on increasing infrastructural facilities annually.
21.	Enhance Engagement with Society and Industry  Industry Institute Cell	<ol style="list-style-type: none"> <li>1. Invite Industry experts for motivating students and provide practical knowledge</li> <li>2. Strengthen Campus placement and training facility by building more industry linkages</li> <li>3. Promote/Encourage students to work on real projects for industries</li> </ol>	<ol style="list-style-type: none"> <li>1. Department wise IIC Coordinators to strengthen IIC</li> <li>2. Signing MoU's with Industries</li> <li>3. Establish more Center Of Excellences</li> </ol>
22.	Enhance alumni engagement	More interactions with alumni	More interactive sessions and also include senior alumni in BoG/IQAC/Academic council as members


### Prime Focus Points-Academic Year Wise

S. No.	Academic Year	Main Focus
1.	2020-21	<ol style="list-style-type: none"> <li>1. New Programs as per industry needs</li> <li>2. NIRF Ranking</li> <li>3. ARIIA Ranking</li> <li>4. Placements quality improvement/average salary package enhancement</li> <li>5. NBA Civil Department</li> <li>6. To get good score and grade in NAAC.</li> </ol>

  
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2.	2021-22	<ol style="list-style-type: none"> <li>1. Curriculum Improvement</li> <li>2. NBA Accreditation under Tier-1 CSE,ECE,IT,EEE &amp; Mech departments</li> <li>3. Quality Faculty Recruitment</li> <li>4. Strengthening IIC Cell/MoU's</li> <li>5. Research Projects/Research Centers/Industry collaborative Centers</li> <li>6. Alumni engagement</li> <li>7. Consultancy facilities</li> </ol>
3.	2022-23	<ol style="list-style-type: none"> <li>1. Consultancy revenue generation on small projects</li> <li>2. Start Ups/Incubation facilities</li> </ol>
4.	2023-24	<ol style="list-style-type: none"> <li>1. Industry driven Courses</li> <li>2. Towards Patents revenue generation</li> <li>3. Industry collaborative Centers</li> </ol>
5.	2024-25	Overall Strategic plan for 2020-25 and set parameters for improvement and preparing the plan for the academic years 2025-30

  
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