

**KIT-Kalaighnarkarunanidhi Institute of Technology**

**(AN AUTONOMOUS INSTITUTION)**

**Coimbatore 641402**



**STRATEGIC PLAN**

**2024-2028**

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## 1. PREAMBLE

KIT-Kalaignarkarunanidhi Institute of Technology, established in 2008 by Vijayalakshmi Palanisamy Charitable Trust, is marching towards development into a center of excellence in the arena of Technical Education and Research. Recognized by AICTE, New Delhi and affiliated to Anna University, Chennai, KIT is **accredited by NBA and NAAC** with 'A' Grade. The institution has been conferred "Autonomous Status" in the year 2019. Established with five undergraduate courses, the institution currently offers 11 Undergraduate programmes, 7 Postgraduate programmes as well as 7 research programmes. The institution's best academic practices, excellent research activities lead the institution to march towards the motto excellence beyond expectation.

## 2. EXECUTIVE SUMMARY

KIT endeavours to promote the quality of teaching, research and other administrative processes along with the AICTE guidelines for accreditations and ranking process. The institution has streamlined various research activities through MoUs and industry collaborations. The modern higher education system demands the teachers and students to make a significant contribution through cutting-edge technology, research and innovation that has a measurable societal impact. More over collaborations with Industries, research organizations and foreign universities are becoming increasingly important.

The first phase of Strategic plan was set for five years i.e. 2019-2023. Accordingly, the new strategic plan for the next five years 2024-2029 aims to meet the current challenges in every aspect with the significance focus on Teaching and Learning, Research and Innovation and Collaborative activities at the National and the International level and so on.

The Institution also encompasses various aspects of capacity building activities for the students by following the Prime Minister's road map of **Viksit Bharat@2047**. Research initiatives like seminars, training programmes, workshops are organised for the student right from the first year towards initiating the process of engaging youth to share their ideas and suggestions on lifestyle issues and exploration of the world.

### 3. MILESTONES

- KIT has received National recognition by its exclusive affiliation with **Madras Regimental Centre (MRC)**, Wellington, the oldest regiment of the Indian Army.
- KIT has also established **National Cyber Defense Research Centre (NCDRC)** to provide a hands-on experience to the students fostering their computing and technical skills.
- Five U.G. programmes including one P.G. programme (EEE, ECE, CSE, MECH, AERO and MBA) are accredited by NBA
- Each department has its own Center of Excellence that provides leadership, best practices, research, support and training in specialized area to equip students with professional skills.
- **Dr. Vidhya's Incubation Centre**, Hub of innovative and high impact venture – offers project funding for students to transfer their ideas into product/Patent.
- Collaboration **with 200+ Industries** and organizations around the Nation. The outcome of these MoUs helps the students to undergo Inplant training, Industrial Visits, Internship and Placements.

### 4. AWARDS & RECOGNITION

- KIT takes pride to be placed in 1<sup>st</sup> position among the leading Engineering Institutions in India with lowest tuition fee, also KIT has ranked 3<sup>rd</sup> for the criteria 'With best Value for Money' in the survey conducted among top Engineering colleges all around India, KIT has been ranked in 81<sup>st</sup> position under TOP PRIVATE ENGINEERING COLLEGES conducted by **INDIA TODAY RANKING**.
- KIT received CSR Excellence Award from CMAI, New Delhi for conducting awareness programme on cyber security to school, polytechnic and college students.
- KIT has received **National Award of Excellence for Placement** from Recruitment Analysis Council, New Delhi among 3848 institutions participated all over India.
- Received **Best Placement Award** from the Ministry of HRD during the World Education Summit.
- KIT has been ranked between 200 -300 in NIRF rank band during the academic year 2024-25.

## 5. COMMUNITY SERVICE

- KIT in association with **Unnat Bharat Abhiyan** has adopted 5 rural villages for their sustainable growth.
- KIT offers **Community Service Learning** to the students, through which 1000+ LED Lamps were assembled by our students and distributed to nearby villages.
- PMKVY - KIT is the **Nodal Centre for 'Pradhan Mantri Kaushal Vikas Yojana'** (PMKVY) – a Skill development programme sponsored by the Ministry of Skill Development and Entrepreneurship, Government of India.

## 6. VISION, MISSION, QUALITY POLICY

### VISION OF THE INSTITUTION

To be a globally renowned institution for academics and research in engineering, technology, and management studies towards upholding social responsibility.

### MISSION OF THE INSTITUTION

- Fostering wisdom through education, research, and innovation, with a special focus on students pursuing engineering, technology, and management studies.
- Investing in modern and sustainable infrastructure, providing cutting-edge technologies and resources to foster a dynamic and holistic learning environment for students and faculty.
- Fostering strong industry-institute partnerships to bridge the gap between theoretical knowledge and practical application, ensuring students to face real-world challenges.
- Cultivating a culture of professional and social responsibilities to create, develop, and manage global enterprises with ethical standards.

## 7. QUALITY POLICY

We focus on quality education in the field of Engineering, Technology & Management to mould students to become innovative engineers and managers to meet the global, social and technical demand. We will achieve this by continual improvement in our process of recruitment, teaching, research and value added programs.



## 8. NATIONAL EDUCATION POLICY 2020

The introduction of the New Education Policy 2020 (NEP 2020) has initiated manifold transformations to the education system of the nation. NEP revamps almost all aspects of the education system from school to higher education. In higher education, Engineering education plays a major role in the development of the Country, in areas such as software, healthcare, infrastructure, energy, etc. Engineering is a field that combines the latest advancements in science and technology, and creates innovative solutions to existing problems.

Introduction of NEP has also lead to introduction of Higher Education institution (HEI) with larger long term goals in higher education.

Some of the key features of the NEP 2020 are:

- An Academic Bank of Credit (ABC) shall be established that would digitally store the academic credits earned.
- The 4-year programme may lead to degree with Research if the student completes a research project.
- Model public universities for holistic and multidisciplinary education, called MERUs (Multidisciplinary Education and Research University) will be set up.
- Higher education institutions shall move away from high-stakes examinations towards continuous and comprehensive evaluation.
- India will be promoted as a global study destination providing premium education at affordable costs. An International students office at each institution hosting foreign students will be set up.
- A legislative framework facilitating such entry will be put in place and such universities will be given special dispensation regarding regulatory, governance and content norms on par with other autonomous institutions of India.
- In every institution, there will be counselling systems for handling stress and emotional adjustments.
- Efforts will be made to incentivize the merit of students belonging to SC,ST,OBC and other Socio-Economically Disadvantaged Groups (SEDGs).

- The policy also speaks of creating a National Research Foundation (NRF).
- The policy also mentions the creation of a Higher Education Commission of India (HECI).
- HEIs shall have the flexibility to offer Master's programmes of two years for those who have completed a three-year undergraduate programme, one year for students who have completed a four-year undergraduate programme, or five-year integrated Bachelor's and Master's programmes.
- The policy says that high performing Indian universities shall be encouraged to set up campuses in other countries. Similarly, selected universities- such as those from the top 100 universities in the world- shall be encouraged to operate in India.
- A National Research Foundation shall be established to facilitate "merit-based but equitable" peer-reviewed research funding.
- The policy says that the centre and states shall work together to increase public investment in education to 6% of the gross domestic products, from the current 4.43%.

## 9. STRATEGIC GOALS

- ✦ Strengthen Teaching and Learning Process
- ✦ Infrastructural Development
- ✦ Faculty Qualification and Retention
- ✦ Student Capacity Building
- ✦ Research and Innovation
- ✦ Awards and Ranking
- ✦ Strengthen Alumni Engagement
- ✦ Contribution to society and Country

## **10. STRATEGIC PLAN FOR THE YEARS 2024 TO 2028**

- To attain university status.
- To attain NAAC A++ grade during 2<sup>nd</sup> cycle of Accreditation.
- To be ranked among the Top 100 in the NIRF ranking under Engineering category.
- To secure one among top 50 position in ARIIA Ranking.
- Research accomplishment through collaboration from Industry based partnership in National and International level.
- To establish Centers of Excellence in upcoming emerging fields.
- To strength IPR and EDC to promote young entrepreneurs to establish start-up.
- To engage alumni in all aspects of Institution development such as technical solutions, product development, placement, internships and branding.
- To become a prestigious Institute in research and development to meet the societal and industrial needs.
- To improve the collaboration with foreign universities to promote quality higher education for faculty students exchange programme.
- To create infrastructure for effective teaching learning process and extracurricular activities.



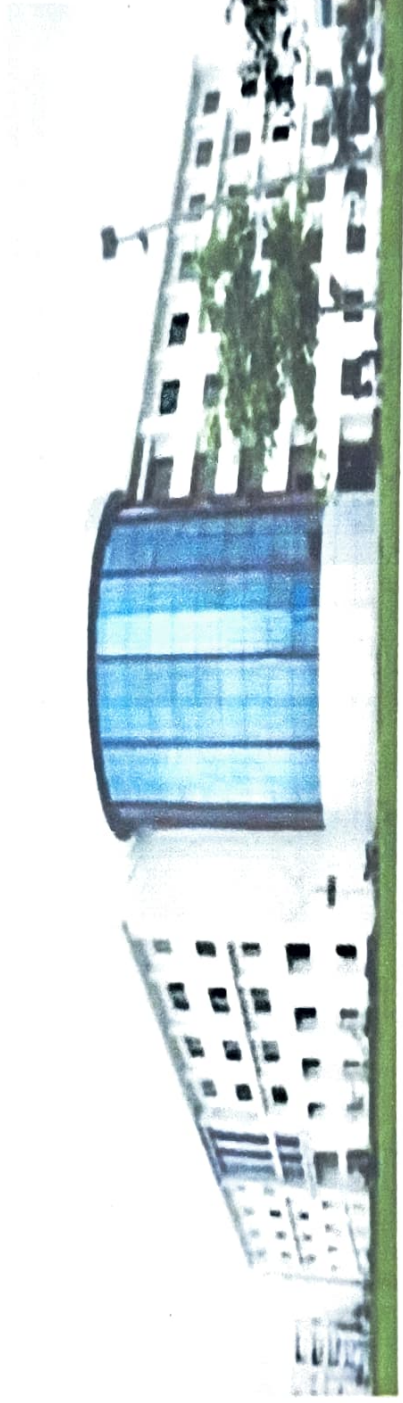
# **KIT - Kalaignarkarunanidhi Institute of Technology**

**Kannampalayam (PO), Coimbatore 641402**



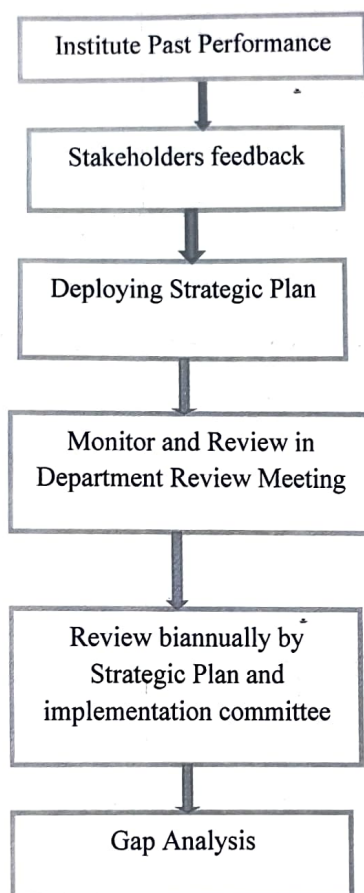
## **STRATEGIC PLAN**

**2024-2028**



## **STRATEGIC PLAN PROCESS CHART**

Following flow chart (Figure 1) depicts the planning, monitoring, reviewing and verifying the strategic plan of the institute.



The Strategic plan is a systematic process of envisioning the future over the next few years and defining the goals, objectives and strategies to provide roadmap to the progress of the institution towards its vision and mission, accreditation standards, and best practices at higher education. The plan consists of actions to establish quality programs, recruit faculty, graduate exemplary students, and obtain resources with developmental key result areas. It is implemented at the institute level. The goals set shall be implemented and monitored by the core team including Management, industry expert, Principal, HoDs and senior faculty members. The team members will meet twice in a year and review the progress. They will mobilize resources to achieve the goals and will be closely involved in implementation and monitoring of the Strategic plan.

# KIT-KALAINARKARUNANAIDHI INSTITUTE OF TECHNOLOGY

## STRATEGIC PLAN (2024-28)

| STRENGTHEN TEACHING LEARNING PROCESS   | INFRASTRUCTURE DEVELOPEMENT  | FACULTY QUALIFICATION AND RETENTION  | STUDENT CAPACITY BUILDING   | RESEARCH AND INNOVATION  | AWARDS AND RANKING  | STRENGTH EN ALUMNI ENGAGEM ENT  | CONTRIBUTIO N TO THE SOCIETY AND COUNTRY  |
|--|--|--|---|--|---|---|---|
| 1.Academic ambience<br>2. Introducing innovative Teaching Methods<br>3.Organizing Conferences-National / International<br>4. Setting up of Virtual Lab<br>5.Enhancing trans disciplinary approach<br>6. Converting Projects into Papers/Products /Patents<br>7. Promoting Collaboration with industries. | 1.Laboratory upgradation<br><br>2.Creating smart class rooms / Studio<br><br>3.Up gradation of sports infrastructure facilities<br><br>4.Introduce new relevant programmes and increasing the intake of few existing courses | 1.Faculty Qualification<br><br>2.Faculty Retention<br><br>3.Industrial Training for Faculty<br><br>4.Faculty Exchange Programme<br><br>5.Advance Frontiers of Knowledge<br><br>6.Faculty Empowerment | 1.Student Diversity<br>2.Quality Placements<br>3. Students participation in innovation programmes<br>4..Students Achievement<br>5. Students Internship<br>6. Number of students to get valid score in competitive exams.<br>7. Students placed in Core Industry<br>8. Entrepreneurship development and start-up<br>9.Student Exchange Programme<br>10.Collaboration with Alumni | 1.R&D Grants / Sponsored Seminars / FDPs/ Workshops<br>Industrial Consultancy/ Centre of Excellence Received<br>2.Development of Sponsored Laboratories<br>3.Ph.D. Supervisors<br>4.Improvement on Citation / H-index / i10 index<br>5.Patent<br>6.Ph.D. Scholars<br>7.Joint/Collaborat ive Research<br>8.Linkages with international Universities | 1.NIRF Ranking<br><br>2.PAN India IIT alumni Association (PALS)<br><br>3.India Today Ranking<br><br>4.Placement and Internship through Alumni | 1.Number of Alumni Interaction Programmes to be organized<br><br>2.Distinguis hed Alumni lectures)<br><br>3.Bringing Alumni engagement on Board | 1.Technology based projects for societal needs<br><br>2.Educating the public<br><br>3.Social Service (Blood Donation, eye Camp, dental Camp, provision of Covid Centre, Environmental Camp, etc.)<br><br>4.Best Practices |

## 1. STRENGTHEN TEACHING LEARNING PROCESS

| S.No. | Goal                                    | Present Status  | Goal to attain in 5 years   | Strategy  | Expected Outcome   |
|-------|---|---|---|---|--|
| 1     | Academic ambience                       | <ul style="list-style-type: none"> <li>Students are given opportunities to bring out their innovative ideas towards Prime Minister's roadmap to Viksit Bharat.</li> </ul> | <ul style="list-style-type: none"> <li>To mould the academic atmosphere to encourage the students to take the initiative in inquiry - based active learning and peer mentoring.</li> <li>To focus on skill based training activities</li> </ul> | <ul style="list-style-type: none"> <li>Encourage the students to take initiative in inquiry based active learning and peer mentoring.</li> <li>Introduce a curriculum for applied learning system which has more project with a skill based component.</li> <li>Encourage the students to get a Major degree and Minor degree.</li> </ul> | High intellectual and professional achievements lead to maintain and uphold high ethical and moral values. |
| 2     | Introducing innovative Teaching Methods | OBE is in practice throughout the Institution   | To achieve minimum one higher level learning activity / Course.   | Design thinking / Case Study, Problem solving methodologies, Project based learning , etc.  | One higher level project based learning activity / Course.   |

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| 3 | Organizing Conferences-National / International  | National Conference : 4<br>International Conference: 1 | To organize minimum of 6<br>National conference<br>and 2 International<br>Conference | Different clusters will<br>be formed and encouraged to organize at<br>least one conference<br>under each cluster. | Organize minimum of<br>National conference : 6<br>International Conference :2                             |
| 4 | Setting up of Virtual Lab                        | -  | To set up Virtual Lab  | Training to be given for<br>developing Virtual Lab<br>contents.   | Minimum of 4 labs to<br>establish   |
| 5 | Enhancing trans disciplinary approach            | Open elective concept is being introduced              | To encourage the student to do trans-disciplinary project                            | Promoting trans-disciplinary projects.  | Minimum 30% of the<br>students will have a<br>trans-disciplinary project.                                 |
| 6 | Converting Projects into Papers/Products/Patents | Currently following and needs improvement.             | To convert all projects to papers/products /Patents.                                 | Encouraging students to convert projects to papers/Products/Patents.  | In each Department:<br>80% - Projects to Papers<br>15% - Projects to Products<br>5%- Projects to Patents. |



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| 7 | Promoting Collaboration with industries. | No. of Active Collaboration with industries : 66 | To increase the minimum of 2 active Collaborations / year by all the departments. | <ul style="list-style-type: none"> <li>Identifying more number of industries / higher educational Institutions at National and International levels for collaborative works.</li> <li>At least 3 activities such as expert lecture/ Industrial training, Internship, Internships, Industrial visit, Industrial project from each Collaboration in every academic year.</li> </ul> | Minimum of 2 active Collaboration / year by all the departments. |
|---|--|--|---|---|--|

## 2. INFRASTRUCTURAL DEVELOPMENT

| S.No. | Goal   | Present Status                           | Goal to attain in 5 years  | Strategy  | Expected Outcome  |
|-------|--|--|--|---|---|
| 1     | Laboratory up-gradation                          | Continuously following                   | To purchase new equipment's pertaining to the revision and relevance of the Curriculum and Syllabus. | <ul style="list-style-type: none"> <li>Purchase of new equipment's as per up gradation of the syllabus</li> <li>Identify and apply for various funding agencies for the modernization of laboratories.</li> </ul> | Based on the requirements the entire laboratory will have sufficient number of equipment's and facilities.  |
| 2     | Creating smart class rooms / Studio              | One smart Class is available.            | To create one well equipped studio and few smart class rooms.  | Recording facility may be created in each class room, to enhance e-content development.   | <ul style="list-style-type: none"> <li>One well equipped studio for Institution.</li> <li>At least for one course entire e-content is to be developed per semester in each department.</li> </ul> |
| 3     | Up gradation of sports infrastructure facilities | Required Sport facilities are available. | To increase the overall participation of the students everywhere                                     | <ul style="list-style-type: none"> <li>Upgradation of Basket Ball and badminton court with synthetic flooring.</li> <li>Establishing indoor game facilities.</li> </ul>   | Increase in participation of the students and achievements every year.  |

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| 4 | Introduce new relevant programmes and increasing the intake of few existing courses | <ul style="list-style-type: none"> <li>• UG intake of 720 and PG intake of 210</li> <li>• 1 UG programme was started in the year of 2023</li> </ul> | <ul style="list-style-type: none"> <li>• To increase the intake of UG to 1020.</li> <li>• To increase the intake of PG to 270.</li> </ul> | <ul style="list-style-type: none"> <li>• Potential demands needs to be identified</li> <li>• Getting NBA accreditation to all the eligible existing programmes to increase the intake.</li> </ul> | Increased intake of 1020 in UG and 270 in PG Programmes. |
|---|---|---|---|---|--|

### 3. FACULTY QUALIFICATION AND RETENTION

| S. No. | Goal                            | Present Status               | Goal to attain in 5 years   | Strategy   | Expected Outcome   |
|--------|---------------------------------|------------------------------|---|--|--|
| 1      | Faculty Qualification           | 40% of the faculty with PhD. | 90 - 95 % of Faculty with Ph.D.   | <ul style="list-style-type: none"> <li>Motivating all Non-Ph.D. faculty to register for Ph.D.</li> <li>Additional incentive / salary for the completion of Ph.D.</li> </ul>                        | 95 % of the faculty will hold Ph.D.  |
| 2      | Faculty Retention               | 70 - 75%                     | > 90%   | <ul style="list-style-type: none"> <li>After retirement Professors can be retained as Emeritus professors.</li> <li>Execution of Pay Commission Changes proposed by Central Government.</li> </ul> | In addition to existing faculty a minimum of 1 Emeritus professor and 2 Adjunct Faculty in every Department. |
| 3      | Industrial Training for Faculty | Few faculty members          | Minimum 80% of faculty to get Industrial exposure for a minimum of 2 weeks. | <ul style="list-style-type: none"> <li>Identifying suitable industries through IIIC</li> </ul>   | More number of Industrial projects and consultancy services  |
| 4      | Faculty Exchange Programme      | Not Existing.                | To sponsor at least 5% of the faculty members                               | Sponsoring the faculty members to teach /Pursue research in International Universities/R& D Laboratories.  | 5% of total faculty members  |
| 5      | Advance Frontiers of Knowledge  | Needs Improvement.           | To frame trans-disciplinary research team and promote                       | <ul style="list-style-type: none"> <li>Conduct research conferences at the institute.</li> <li>Promote Ph.D. students</li> </ul>   | Framing minimum of three Trans-disciplinary team with 2 PhD students per year.                               |

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|   |                     |   | Ph.D. students exchange with international universities            | exchange with Partner International Universities<br>• Formation of trans-disciplinary research teams. |  |
| 6 | Faculty Empowerment | <ul style="list-style-type: none"> <li>• EPF / ESI as per regulatory norms</li> <li>• Leave facilities include medical and maternity and marriage.</li> <li>• Encouragement of Career advancement programmes.</li> <li>• On duty facilities for attending FDP/Conference/ Seminars etc.,</li> <li>• Recreation Centre like YOGA, GYM, indoor and Outdoor games.</li> <li>• Accommodation facilities for the staff members based on their request.</li> <li>• Financial support for faculty members participating in academic activities outside the college.</li> <li>• Faculty members are provided with LAN internet and Wi-Fi facilities.</li> </ul> | To provide Staff Quarters and Child Day Care Centre for KIT staff. | <ul style="list-style-type: none"> <li>• Identify a suitable location for implementation.</li> </ul>  | Minimum at Professor and Associate Professor level implementation. |



|   |  |                   |                 |  |                                      |
|---|--|-------------------|-----------------|--|--------------------------------------|
| 5 | Students Internship  | 10-15 %           | 30 %            | <ul style="list-style-type: none"> <li>• Creating list of core industries and encouraging students for industrial visits, In-plant training and Internship.</li> <li>• Identifying more no of higher education Institutions at National and International Level for collaborative works .</li> <li>• Alumni support for students</li> <li>• Placement and Internship.</li> </ul> | 30 %                                 |
| 6 | Number of students to get valid score in competitive exams | Not Sufficient    | 50 / Year       | <ul style="list-style-type: none"> <li>• GATE - Level questions will be asked in continuous assessment tests.</li> <li>• Arranging expert lectures and training for GATE through carrier ability course.</li> </ul>  | 50 / Year                            |
| 7 | Students placed in Core Industry.                          | Needs improvement | To achieve 50 % | <ul style="list-style-type: none"> <li>• Conducting the core placement training through department expertise.</li> <li>• Arranging Internships for practical exposure to students</li> <li>• Identifying and Inviting more number of reputed companies for placement.</li> </ul>   | 50 % of placements in Core Companies |

|    |   |   |  |   |   |
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| 8  | Entrepreneurship development and start-up | <ul style="list-style-type: none"> <li>Needs Improvement</li> <li>EDC Cell is functioning at KIT</li> </ul> | To achieve 10/ year  | <ul style="list-style-type: none"> <li>Inspire the students by providing the seed funds to kick start their ideas to products.</li> <li>Providing space, start - up funds for incubates with infrastructure support, technology/ prototype development support</li> </ul> | Minimum of 10/year.                         |
| 9  | Student Exchange Programme                | Not Existing  | To sponsor at least 1% of total students at Institutional level in an Academic Year  | Sponsoring students to pursue education in reputed Institution in abroad under student exchange Programme   | 1% of total students at Institutional level |
| 10 | Collaboration with Alumni                 | Need Improvement  | <p>To create Alumni chapters in major places in India and Abroad</p> <p>To conduct renowned Alumni lectures from various categories.</p> | Categorizing the Alumni based on their locations in India and Abroad to form a network.   | At least one activity in Abroad.            |

## 5. RESEARCH AND INNOVATION

| S. No. | Goal  | Present Status   | Goal to attain in 5 years   | Strategy   | Expected Outcome   |
|--------|---|--|---|--|--|
| 1      | R&D Grants / Sponsored Seminars / FDPs/ Workshops Industrial Consultancy/ Centre of Excellence Received | <ul style="list-style-type: none"> <li>84 lakhs from various Funding Agencies</li> <li>The seed money for internal projects is provided by the Institution to encourage initial research related activities for the faculty and students.</li> <li>AICTE - IDEA Lab has been set in the Campus inter/multi-disciplinary research activities.</li> <li>Collaboration with Tamil Nadu Agricultural University in Centre for Plant Production studies.</li> </ul> | 3 Crores  | <ul style="list-style-type: none"> <li>Nurture a inter/multi-disciplinary research culture and productivity.</li> <li>Every faculty member with Ph.D. qualification shall apply or a minimum of one funded research project per year.</li> <li>Strengthening the facilities for doing research</li> <li>Identify the viable funding agencies to provide financial support for organizing FDP/Workshop and Conferences.</li> <li>Scrutinizing the proposals with the expert team before applying to Agencies.</li> <li>Identifying the industry needs</li> <li>Develop groups in the domain expertise Based on the core strength and expertise available, each department has to establish one Centre of Excellence.</li> </ul> | <ul style="list-style-type: none"> <li>3 Crores per year</li> <li>Minimum of 20 Seminars / FDPs/ Workshops and 2 International Conference per year supported by external funding agencies.</li> <li>One or two Centre of Excellence in each Department.</li> </ul> |
| 2      | Development of Sponsored Laboratories   | <ul style="list-style-type: none"> <li>Needs Improvement</li> </ul>  | <ul style="list-style-type: none"> <li>To develop at least 2 sponsored Lab at Institution Level every Year</li> </ul> | <ul style="list-style-type: none"> <li>Identifying the possible areas for developing sponsored Laboratories</li> </ul>   | 10 Sponsored Lab at Institution Level  |

|   |   |   |   |   |   |
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| 3 | Ph.D. Supervisors                             | <ul style="list-style-type: none"> <li>Number of Supervisors : 28</li> </ul>  | <ul style="list-style-type: none"> <li>To get 80-90 % of PhD holders must have supervisor recognition</li> </ul>  | <ul style="list-style-type: none"> <li>Mandate to get supervisor ship from Anna University after completion Ph.D. by all faculty members.</li> <li>Helping the faculty members to get sufficient number of publications through CFRD.</li> </ul>  | Minimum of 80 % of PhD holders will have Supervisor recognition.  |
| 4 | Improvement on Citation / H-index / i10 index | <ul style="list-style-type: none"> <li>Total Google Scholar citations: 6458</li> <li>Institution H index:39</li> <li>Institution i10 index :157</li> <li>Incentives are provided for publication for Scopus / SCI journals.</li> </ul>  | <ul style="list-style-type: none"> <li>To increase the number of Google scholar citations</li> </ul>  | <ul style="list-style-type: none"> <li>Faculty members should utilize either Drill bit/ Turnitin /Ithenticate plagiarism software's before submitting the research papers/ project proposal and its similarity index should be less than 15%.</li> <li>Quality publications will enhance citation index.</li> </ul> | Average Scopus / SCI indexed citations should cross 4 per paper in last 5 year publications.  |
| 5 | Patent  | <ul style="list-style-type: none"> <li>No. of Patent Publication: 83</li> <li>Patent Granted: 49</li> <li>Copyright / Trade Secret / Trade Mark: Nil</li> <li>Financial and administrative support is provided to all faculty / students for filing of patents and other related activities.</li> </ul> | <ul style="list-style-type: none"> <li>No. of patent Publication: 150-200</li> <li>Granted Patent : 100</li> <li>Copyright / Trade Secret / Trade Mark : 5</li> </ul> | <ul style="list-style-type: none"> <li>Good projects to be further processed by AICTE - IDEA lab with funding support from KIT.</li> <li>A minimum of one Technology transfer needs to take place and one patent to be commercialized.</li> </ul>   | <ul style="list-style-type: none"> <li>Patent Publication: 150-200</li> <li>Granted Patent : 100</li> <li>Trade Mark : 5</li> </ul> |

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|---|--|--|---|---|--|
| 6 | Ph.D. Scholars                           | <ul style="list-style-type: none"> <li>• Full Time: 9</li> <li>• Part time: 54</li> <li>• No. of PhDs awarded through our Research Centres: 22</li> </ul>  | <ul style="list-style-type: none"> <li>• Full Time: 3/year</li> <li>• Part time: 10 / year</li> <li>• No. of PhDs awarded in the research Centre : 10 /year</li> </ul>                          | <ul style="list-style-type: none"> <li>• The stipend will be provided for full time research scholars by the Institution.</li> <li>• Research Facilities will be improved in all departments to attract more research Scholars.</li> </ul>  | <ul style="list-style-type: none"> <li>• Full Time: 15</li> <li>• Part time : 50</li> <li>• No. of PhDs awarded through our research Centres : 65</li> </ul> |
| 7 | Joint/Collaborative Research             | <p>Collaboration with TNAU, CBE.</p> <p>Collaboration with Anna University.</p> <p>Collaboration with MIT.</p> <p>Collaboration with CIT.</p> <p>Collaboration with PSG - STEP.</p> <p>Collaboration with C-DAC.</p> | To undergo collaborative /join research projects with partner International Universities  | <ul style="list-style-type: none"> <li>• Establishing research Centres and Departments with foreign Universities</li> <li>• Establish network with other learning and research organization in abroad and go for Collaboration</li> <li>• Boarding and lodging expenses to participate for such professional development activities have to be provided by the Institution partly.</li> </ul> | 2 Collaborative/joint research projects with foreign universities every year   |
| 8 | Linkages with international Universities | University Linkages are in process   | <ul style="list-style-type: none"> <li>• To sign at least 3 Collaborations with international Universities</li> <li>• To organize 2 Events in tie-up with International Universities</li> </ul> | <ul style="list-style-type: none"> <li>• Develop mechanisms for international relations</li> <li>• Identifying partner universities at International Levels Collaborations.</li> <li>• Attract International faculty on contract appointments.</li> <li>• Organize joint activities like conferences workshop and expert lectures</li> </ul>  | <p>3 Collaborations with international Universities.</p> <p>2 Events at International Level.</p>   |



## 6. AWARDS AND RANKING

| S. No. | Goal                                     | Present Status  | Goal to attain in 5 years | Strategy  | Expected Outcome |
|--------|--|---|---------------------------|---|------------------|
| 1      | NIRF Ranking                             | <ul style="list-style-type: none"> <li>• 101-150 Band (under innovation category 2020-2023)</li> <li>• 251-300 Band '(2022 – NIRF Ranking)</li> </ul> | < 100                     | <ul style="list-style-type: none"> <li>• Best Research ambience and culture to the faculty members and students.</li> <li>• Concentrating more on Teaching-Learning and Resources, placement and Research</li> <li>• Publishing the articles in quality journals and improving the citation of the articles.</li> <li>• Branding our Institute achievements through social media to increase the perception.</li> <li>• Implement Innovative practices through PDC and AICTE -CIDEA Lab and make the students to design and develop innovative products.</li> </ul> | < 100            |
| 2      | PAN India /IIT alumni Association (PALS) | One Time  | 3 Times                   | <ul style="list-style-type: none"> <li>• Every department is to identify a minimum of 5 teams from the beginning of the academic year</li> <li>• Concentrating on consultancy and innovation activities.</li> </ul>   | 3 Times          |

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| 3 | India Today Ranking   | <ul style="list-style-type: none"> <li>• 1st position in lowest tuition fee.</li> <li>• 3rd in best value for money.</li> <li>• 81st position under Top private Engineering Colleges.</li> </ul> | To maintain First Position   | <ul style="list-style-type: none"> <li>• Consistent in maintaining a steady positive reputation.</li> <li>• Adaptability and a willingness to evolve with the times.</li> <li>• Develop a strong organizational brand that reflects the values and expertise.</li> <li>• Achievements and contributions are covered by media outlets.</li> </ul> | First position       |
| 4 | International Hackathon Start-ups                                       | 1  | 1/year   | <ul style="list-style-type: none"> <li>• Addressing emerging issues in teaching Learning process.</li> <li>• Expose the student community to the latest scientific and Technological advancements.</li> </ul>  | 1/year               |
| 5 | MOE - IIC (Yukthi Innovation Cell)                                      | 4 Projects   | 12-15 Projects   | <ul style="list-style-type: none"> <li>• Mentoring and Training Support.</li> <li>• Encourage the students and faculty to create Potential projects for Technology Transfer and Commercialization.</li> </ul>  | 12-15 projects       |
| 6 | International Level Coding Contest (Code Chef - online global platform. | Placed in DIV 3 and DIV4<br>Of Code Chef - Leadership Board  | To motivate the students to attend the coding contest in International level | Every student of II & III Years undergo coding test to enrich their coding skills.   | Placement in Top MNC |

## 7. STRENGTHEN ALUMNI ENGAGEMENT

| S.No. | Goal  | Present Status    | Goal to attain in 5 years   | Strategy  | Expected Outcome            |
|-------|---|-------------------|---|---|-----------------------------|
| 1     | Number of Alumni Interaction Programmes to be organized | 10 Alumni         | 50 Alumni   | <ul style="list-style-type: none"> <li>Inviting Alumni to come regularly to the Campus to share their experience with industries.</li> <li>Inviting Alumni as guests for events.</li> </ul>   | Alumni Engagement on Campus |
| 2     | Distinguished Alumni lectures                           | 10                | 80 -100   | Inviting Alumni to motivate the fresher's every year.   |                             |
| 3     | Bringing Alumni engagement on Board                     | Needs Improvement | To improve the activities at the Institution Level for bring the Alumni | <ul style="list-style-type: none"> <li>Enable, facilitate seamless coordination between Alumni association and Institute.</li> <li>Interaction between Alumni and Faculty.</li> <li>Alumni inputs for curriculum development.</li> <li>Restructuring and Empowering alumni office.</li> <li>Build Corpus fund for sustainable activities of Alumni Association</li> </ul> |                             |
| 4     | Placement and Internship through Alumni.                | Needs Improvement | To increase the number of placement and internship through Alumni       | <ul style="list-style-type: none"> <li>Engaging Alumni in technical solutions, product developments and branding.</li> <li>Inviting industries through alumni.</li> </ul>   |                             |

## 8. CONTRIBUTION TO THE SOCIETY AND COUNTRY

| S.No. | Goal   | Present Status   | Goal to attain in 5 years                      | Strategy  | Expected Outcome                   |
|-------|--|--|--|---|------------------------------------|
| 1     | Technology based projects for societal needs | A few projects have been done.   | To implement One project per department / year | <ul style="list-style-type: none"> <li>• Identification of societal issues to be solved using technology.</li> <li>• Effective utilization of resources of AICTE- IDEA lab/ PDC/ NCSRC and departments.</li> </ul>  | One project per department / year  |
| 2     | Educating the public                         | <ul style="list-style-type: none"> <li>• KIT conducts programmes on various topics .</li> <li>• Through NSS, NCC, YRC, Women Cell various events are conducted.</li> </ul> | To conduct 15-20 programmes or events / year   | <ul style="list-style-type: none"> <li>• Conduct more programmes related to Health Care, Agriculture, technology issues , etc. for the general public.</li> <li>• Short -term courses/ workshops/ skill based programmes for women, senior Citizens, unemployed youth etc.</li> <li>• To associate with NGOs and self-help group</li> </ul> | 15 -20 Programmes or events / Year |

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| 3 | Social Service<br>(Blood Donation,<br>eye Camp, dental<br>Camp, provision of<br>Covid Centre, Envi-<br>ronmental Camp,<br>etc.) | <ul style="list-style-type: none"> <li>• NSS/ UBA/ YRC/NCC conduct Blood Dona-<br/>tion, Eye Camp, dental<br/>Camp, Tree plantation and<br/>awareness on plastic free<br/>society.</li> <li>• KIT provides the opportu-<br/>nities to economically<br/>backward rural students for<br/>enhancing their access to<br/>higher education.</li> <li>• KIT provides awareness<br/>creation among students,<br/>staff and faculty for Green<br/>Clean Campus Tobacco<br/>free and Eco- friendly<br/>Campus.</li> </ul> | <ul style="list-style-type: none"> <li>• A minimum of 5 Camps /<br/>Year(Health/Environmental<br/>camp).</li> <li>• Motivating the Faculty and<br/>Staff for good Cause.</li> <li>• Connect with Governmental<br/>Agencies and NGO's.</li> <li>• Green Clean Campus</li> </ul> | <ul style="list-style-type: none"> <li>• To create awareness among<br/>students, staff and faculty.</li> <li>• More useful programmes for<br/>the community like health<br/>care, agriculture technology<br/>etc. to be conducted.</li> <li>• Short term Courses<br/>/Workshops/Skill based Pro-<br/>grammes for Women, Senior<br/>Citizen and unemployed<br/>youths.</li> </ul> | <ul style="list-style-type: none"> <li>• Five Health<br/>Camp / Year</li> <li>• Five Environ-<br/>mental Camps /<br/>Year</li> </ul> |
|---|---|--|--|--|--|

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| 4 | Best Practices | <ul style="list-style-type: none"> <li>Created an exclusive software for Madras Regimental Centre, Coonoor (MRC )</li> <li>EDC - Organic Farming</li> <li>Cyber security Awareness for 150 schools.</li> <li>Career guidance to govt. school</li> <li>Vetri Nictchayam - Career Guidance</li> <li>Honouring the Best School Teacher.</li> <li>Community Service Learning - PMKVY - Skill Development Programme.</li> </ul> | <ul style="list-style-type: none"> <li>To expose the farming community to the latest scientific and technological advancements to improve productivity.</li> <li>To support a minimum for 5 farmers / Year</li> <li>To provide hands on training to women and unemployed youths to enhance their skills for their upliftment.</li> </ul> | <ul style="list-style-type: none"> <li>Identifying the area for implementation.</li> <li>Selecting suitable farming community to educate them on the importance of organic farming.</li> <li>Providing technical support for implementation by the students</li> <li>Identifying suitable skills and technology to provide skill based training.</li> </ul> | <ul style="list-style-type: none"> <li>A minimum of five farmers will be benefitted per year</li> <li>A minimum of 30 women and unemployed youths will be benefitted.</li> </ul> |
|---|----------------|--|--|---|--|



**PRINCIPAL**

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