

# **Strategic plan 2015-20**

Kamala Institute of Technology & Science, Singapur (KITSS), established in 1997 by Vodithala Education Society (VES). the society was established with a motto of reaching the unreached and providing quality education to Rural Youth. KITS, Singapur is approved by the AICTE, New Delhi and affiliated to JNTUH, Hyderabad. At present, KITS, Singapur is offering UG in 6 branches of Engineering, PG in 4 engineering specializations.

## **VISION OF THE INSTITUTE:**

The institute aims to provide quality technical education to its students by expanding the horizons of knowledge, innovation and character building in local and global perspective.

## **MISSION OF THE INSTITUTE:**

- To disseminate technical knowledge of highest order to meet the professional challenges.
- To nurture the students for technical and global economic competitiveness.
- To impart leadership qualities among the students and make them responsible to the society.

## **SWOC Analysis of the institute**

### **STRENGTHS:**

- Realistic Vision & Mission.
- Good infrastructural facilities
- Qualified and experienced faculty & staff.
- Good academic culture, ambience and working environment.
- Support to faculty to upgrade their qualification and Good academic practices.
- Effective administrative and management policies.
- Encouragement for academic toppers.
- Counselling system with regular monitoring of attendance and performance of students.

### **WEAKNESSES:**

- Faculty with Ph.D. are less in number
- Effect on quality of student intake in admissions due to location disadvantage.
- R & D and consultancy activities are limited and research culture needs to be strengthened.
- Industry-Institute interaction
- Accreditation of the departments/Institute is missing.

### OPPORTUNITIES:

- Autonomy would enable the Institute to address the shortcomings under affiliation system.
- Leveraging locational advantage to network with premier organizations like NIT, Warangal and NTPC Ramagundam, for academic and industry interaction.
- Ph.D Programmes offered by many public and private universities.
- Providing technical education and hence employment opportunity to the rural youth.
- To take up societal based projects to address problems in rural areas

### CHALLENGES:

- Competition from Private and Deemed Universities.
- Admissions in certain departments are getting affected due to change in preferences.
- Getting research funding without accreditation.
- Availability of quality faculty interested to work in remote areas.
- Most of the students are from economically weaker sections.

Taking Vision and Mission of the institute and SWOC analysis in to consideration, the following strategic plan is developed for the years 2015-2020.

| Areas to be focused                                    | Action plan                                                                                                                                                                  |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quality technical education                            | Faculty members should be encouraged to upgrade themselves as per the latest technological trends and current research areas by attending FDPs and conferences               |
| Accreditation of the Institute/departments             | Institute should focus on applying for institute level accreditation.                                                                                                        |
| Quality assurance certification                        | Institute should get quality assurance certifications from authorized bodies.                                                                                                |
| Improvement in number of faculty with doctoral degrees | Faculty members are to be motivated to register for Ph.D and staff who have already registered should be encouraged and supported to complete at the earliest.               |
| Industry-Institute Interaction                         | Departments have to sign MoUs with different industries/organizations and the MoUs should be effectively utilized for the benefit of staff and students.                     |
| Green Initiatives                                      | Initiative should be taken in the direction of alternative energy sources and also clubs are to be formed to give awareness to the staff and students regarding environment. |
| Societal based student projects                        | Students should be motivated to take up rural problems and address them through their projects                                                                               |



# **Strategic plan 2020-25**

Kamala Institute of Technology & Science, Singapur (KITSS), established in 1997 by Vodithala Education Society (VES). the society was established with a motto of reaching the unreached and providing quality education to Rural Youth. KITS, Singapur is approved by the AICTE, New Delhi and affiliated to JNTUH, Hyderabad. At present, KITS, Singapur is offering UG in 6 branches of Engineering, PG in 1 engineering specializations.

## **VISION OF THE INSTITUTE:**

The institute aims to provide quality technical education to its students by expanding the horizons of knowledge, innovation and character building in local and global perspective.

## **MISSION OF THE INSTITUTE:**

- To disseminate technical knowledge of highest order to meet the professional challenges.
- To nurture the students for technical and global economic competitiveness.
- To impart leadership qualities among the students and make them responsible to the society.

## **SWOC Analysis of the institute**

### **STRENGTHS:**

- Realistic Vision & Mission.
- Accredited by NAAC
- State of the art infrastructural facilities
- Well settled Alumni.
- Qualified and experienced faculty & staff.
- Good academic culture, ambience and working environment.
- Effective administrative and management policies.
- Encouragement for academic toppers.
- Counselling system with regular monitoring of attendance and performance of students.

### **WEAKNESSES:**

- Faculty with Ph.D. are less in number
- Effect on quality of student intake in admissions due to location disadvantage.
- R & D and consultancy activities are limited and research culture needs to be strengthened.
- Industry-Institute interaction
- Accreditation of the departments is missing.

**OPPORTUNITIES:**

- Autonomy would enable the Institute to address the shortcomings under affiliation system.
- Leveraging locational advantage to network with premier organizations like NIT, Warangal and NTPC Ramagundam, for academic and industry interaction .
- Involving alumni for institutional growth.
- Young staff can contribute for multidisciplinary research
- Campus placements are good but still lot of opportunity is there to improve.

**CHALLENGES:**

- Training students of rural background for desirable attributes like communication skills, analytical skills, problem solving skills etc.
- Competition from Private and Deemed Universities.
- Admissions in certain departments are getting affected due to change in preferences.
- Getting research funding without accreditation.
- Availability of quality faculty interested to work in remote areas.
- Most of the students are from economically weaker sections.

Taking Vision and Mission of the institute and SWOC analysis in to consideration, the following strategic plan is developed for the years 2020-2025.

| Areas to be focused                                                                  | Action plan                                                                                                                                              |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outcome Based Education (OBE)                                                        | To give awareness to staff and students about OBE and implement the same in teaching learning process                                                    |
| ISO certification for institution                                                    | To get ISO certification for the institution                                                                                                             |
| NBA for departments                                                                  | To get accreditation for atleast three departments                                                                                                       |
| Faculty publication standard journals                                                | Faculty should be motivated and financial assistance should be given for publishing papers in standard journals                                          |
| MoUs with premier academic institutions                                              | Efforts should be made to sign MoUs with premier institutions like NIT Warangal and constituent colleges of JNTU Hyderabad                               |
| Alumni interactions and guidance                                                     | To conduct alumni interaction/meets at regular intervals and to take the support and guidance of alumni for the institutional growth.                    |
| Multidisciplinary faculty development programs, multidisciplinary research /projects | Encouraging staff and students to organize/participate in FDPs/Workshops in multidisciplinary areas and also to take up research/projects in those areas |

