INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)

Accreditation - (Cycle - 1)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCE

KARIMNAGAR
Telangana
505468

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCE KARIMNAGAR Telangana 505468
2.Year of Establishment	1997
3.Current Academic Activities at the Institution(Numbers):	
Faculties/Schools:	1
Departments/Centres:	5
Programmes/Course offered:	6
Permanent Faculty Members:	114
Permanent Support Staff:	80
Students:	2028
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Transparent and effective Management 2. Faculty retention is high and disciplined students 3. Extension and green Initiatives
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 02-08-2019 To : 03-08-2019
6.Composition of Peer Team which undertook the on site visit:	

	Name	Designation & Organisation Name
Chairperson	DR. SHARAD MHAISKAR	Pro-Vice Chancellor,NARSEE MONJEE INSTITTUE OF MANAGEMENT STUDIES
Member Co-ordinator:	DR. HEM CHANDER GARG	Professor,GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR
Member:	DR. SANJIB KUMAR PATTANAIK	Professor,ANNA UNIVERSITY
NAAC Co - ordinator:	DR. GANESH HEGDE	

Section II:CRITERION WISE ANALYSIS
Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the respective criterion(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QlM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QlM	The institution ensures effective curriculum delivery through a well planned and documented process
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QlM	Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum
1.4	Feedback System

Qualitative analysis of Criterion 1
The institute is located at Singapur, Huzurabad in a lush green, eco friendly campus with sound infrastructure. The institute is conducting with 5 UG and 1 PG programme. The Institute is affiliated with JNTUH, Hyderabad and follows the curriculum prescribed by the University. All the departments prepare academic calendar based on Jawaharlal Nehru Technological University Hyderabad (JNTUH) inputs. Since the institute is affiliated to JNTUH, it follows the syllabus prescribed by the University. However the implementation of curriculum is effectively followed as per academic calendar prepared by the department. Continuous evaluation is carried out by conducting mid term tests, Surprise tests, quizes, assignments end semester exams for UG and PG. The gender equity is well maintained in the institute and the institute has women protection cell to take up grievances of girl students. The institute follows the reservation policy for girl students as per the state government of Telangana normes. The institute has environmental science and technology courses to understand the development technologies by ecological principles and environmental regulations. The institute has human values and professional ethics course to sensitize the students with the cross cutting issues relevant to gender, environment and sustainability to understand the human values. The institute collects feedback from students and follow up is seen to a limited extent. The students have developed web portal through which the attendance and internal marks of the students are sent to parents.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrices(QlM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QlM	The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QlM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.4 QlM	Innovation and creativity in teaching-learning
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QlM	Reforms in Continuous Internal Evaluation(CIE) system at the institutional level
2.5.2 QlM	Mechanism of internal assessment is transparent and robust in terms of frequency and variety
2.5.3 QlM	Mechanism to deal with examination related grievances is transparent, time-bound and efficient
2.5.4 QlM	The institution adheres to the academic calendar for the conduct of CIE
2.6	Student Performance and Learning Outcomes
2.6.1 QlM	Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students
2.6.2 QlM	Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2
The institute follows the admission procedure as per the rules laid down by the state government. The institute follows the reservation policy as per the state government of Telangana. The institute conducts two weeks induction programme for the first year students. Slow learners and advanced learners are identified by the institute and remedial classes, assignments and clearing doubts sessions for the slow learners are conducted. Institute provides support for the advance learners by conducting GATE coaching and inputs for other competitive exams. Institute has 114 faculty members in the institute, out of which 22 faculty members posses Ph.D and remaining are postgraduates. 22 faculty members are pursuing Ph.D. 19.3% of faculty members posses Ph. D. qualification. More laboratories for PG course need be established to attract the students. Faculty members with PG qualifications need to be motivated to pursue Ph.D programme. The student performance is evaluated by conducting two mid semester exams and one end semester exam. A well laid mechanism duly approved by the University is in place to evaluate and assess the performance of the students. The evaluation process framed by the University is followed by the institute and the students have the opportunities for grievance redressal for the end semester examination. Institute also tries to attract GATE qualified students for PG course. On-line courses such as NPTEL, MOOCS are made available for faculty and students. Students need to be encouraged to use library facilities extensively. Faculties are participating in seminars/workshops/FEPs. Faculty should be encouraged to conduct research in reputed institutions of higher learning. The pass percentage of final year students in the semester examination is around 70 %. All departments have defined POs, PEOs and COs are in place. However the process of attainment needs to be in place/ strengthened.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrices(QlM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QlM	Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QlM	Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years
3.5	Collaboration

Qualitative analysis of Criterion 3
Institute needs to immediately create a eco system for research, innovation and other initiatives. Out of 22 Ph. D qualified faculty, 07 are recognized supervisors for guiding research scholars. Institution has not attracted externally funded research projects. The faculty members should be motivated to do consultancy and try to get funding from various agencies to strengthen the research ambience. Faculty needs to be motivated and incentives should be enhanced to take up research. More collaborative programmes with reputed institution/R&D organization and industry to be taken up. Adequate Infrastructure facility in terms of equipments are to be added in all the departments. Inter disciplinary research to be focused for both faculty and students. Faculty members have presented papers in National and International Conferences as well as published a book. There are publications done by faculty in UGC approved journals and few of them are in Scopus indexed journals. Institute is socially responsive through its NSS activities and encouraging social responsibilities among the boys and girls through various community development programmes, Blood donation and tree plantation etc.The NCC wing of institute is performing well. Institute has signed two MOUs for Training and Internship for students. The institute has NSS unit to carry out extension activities like plantation and Swachh Bharat.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QlM) in Criterion4)		
4.1	Physical Facilities	
4.1.1 QlM	The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.	
4.1.2 QlM	The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities	
4.2	Library as a Learning Resource	
4.2.1 QlM	Library is automated using Integrated Library Management System (ILMS)	
4.2.2 QlM	Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment	
4.3	IT Infrastructure	
4.3.1 QlM	Institution frequently updates its IT facilities including Wi-Fi	
4.4	Maintenance of Campus Infrastructure	
4.4.2 QlM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	

Qualitative analysis of Criterion 4
The Institute has adequate laboratories, Language Lab and Class Rooms. Digital Library is available and Book Bank facilities are available in the Institute for the students. Library has 47319 volumes and 8200 titles , 457 e-journals and subscribed DELNET, NDL, NPTEL video lectures for the students. Institute provides e-journals like Springer ad Elsevier to initiate research. 24 International Journals and 55 National Journals are subscribed, however numbers of rare books are limited. The institute has 54 Mbps leased line Internet with Wi-Fi connectivity. The utilization of Library resources by the students and faculty is to be enhanced. The Institute has procured adequate softwares. Budget is duly allotted for the enhancement of Library. The students are encouraged for participating in various sports events. Some students have participated in Inter and Intra sports competitions. Students are also encouraged for extra and co-curricular activities. In-door and Out-door sports facilities are adequate. Alumni association is registered. Hostels are available for boys and girls with the sports facilities, mess and all other required amenities including safety features. However the facilities needs to be improved in terms cleanliness, hygiene and provide due academic ambiance and independence to pursue studies.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrices(QlM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QlM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution
5.4	Alumni Engagement
5.4.1 QlM	The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Qualitative analysis of Criterion 5
The institute facilitates scholarships for students belonging to economically and socially backward categories as per the Government of Telangana norms. The students are motivated and encouraged for the co-curricular and extra-curricular activities. In addition to this institution also gives scholarship to meritorious students where in more than thousand students are benefited every year. Grievance Redressal Committee exists to address student grievances. Training and placement officer conducts various training programs for the students. The institute is conducting workshops, seminars and guest lectures for the students. Overall pass percentage needs to be improved while the 1st year passing percentage should be improved. Student chapters like IETE, ISTE and CSI are functional. Alumni cell is formed and registered. Institute is taking efforts for the student's placement and most of the students are placed in on and off campus processes including pooled campus selection process

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrices(QlM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QlM	The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution
6.1.2 QlM	The institution practices decentralization and participative management
6.2	Strategy Development and Deployment
6.2.1 QlM	Perspective/Strategic plan and Deployment documents are available in the institution
6.2.2 QlM	Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism
6.2.4 QlM	Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions
6.3	Faculty Empowerment Strategies
6.3.1 QlM	The institution has effective welfare measures for teaching and non-teaching staff
6.3.5 QlM	Institution has Performance Appraisal System for teaching and non-teaching staff
6.4	Financial Management and Resource Mobilization
6.4.1 QlM	Institution conducts internal and external financial audits regularly
6.4.3 QlM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	Internal Quality Assurance System
6.5.1 QlM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes
6.5.2 QlM	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms
6.5.5 QlM	Incremental improvements made during the preceding five years *(in case of first cycle)* Post accreditation quality initiatives *(second and subsequent cycles)*

Qualitative analysis of Criterion 6
The institute has visionary management. However they need to articulate a comprehensive strategic plan. There are limited financial powers for the Administrative Heads. Welfare measures like Group Insurance, PF for staff, students along with partial reimbursement of children education fee for the staff members is also provided. Faculty members are deputed to attend FEP, SDP, Seminar and Workshops conducted by the reputed institutions but the financial support provided is less. Well laid out strategic plan for establishing centers of excellence for research, innovation and entrepreneurship is needed. Strategic plan needs to include measures to attract the key industries for providing internship, training and collaborative research. The Institute has IQAC cell. However activities of IQAC need to be strengthened to ensure that it carries out comprehensive review of quality initiatives.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QlM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.2 QlM	1. Institution shows gender sensitivity in providing facilities such as: 1. Safety and Security 2. Counselling 3. Common Room
7.1.5 QlM	Waste Management steps including: • Solid waste management • Liquid waste management • E-waste management
7.1.6 QlM	Rain water harvesting structures and utilization in the campus
7.1.7 QlM	Green Practices • Students, staff using a) Bicycles b) Public Transport c) Pedestrian friendly roads • Plastic-free campus • Paperless office • Green landscaping with trees and plants
7.1.18 QlM	Institution organizes national festivals and birth / death anniversaries of the great Indian personalities
7.1.19 QlM	The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions
7.2	Best Practices
7.2.1 QlM	Describe at least two institutional best practices (as per NAAC Format)
7.3	Institutional Distinctiveness
7.3.1 QlM	Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Qualitative analysis of Criterion 7
The Institute maintains gender sensitivity. The Institute has Grievance Committee to address all related matters. Various Programmes have been conducted on crisis in safety, security and dignity of women, women self defence etc. Mentors for a group of 20 students each have been appointed who take care of the counselling. However institute should appoint a full time counsellor.. The Institute has RO, rain water harvesting and water sewage disposal facilities. The institute has installed solar panels to meet around 60% of campus needs. The campus is plastic free. Swachh Bharat initiatives are in place. The Institute has

Gymnasium and Canteen facilities for the students. However facilities need to be improved in terms of cleanliness and hygiene. NSS team is actively conducting various activities like tree plantations, blood donation camps and adopting villages, Ramp and other facilities for Divyang are available. The institute pursues host of extension activities for the surrounding areas.

Section III:OVERALL ANALYSIS based on Institutional strengths.Weaknesses,Opportunities & Challenges(**SWOC**)(**up to 500 words**)
Strength

STRENGTH:

Institution is spread over around 26.25 acres of land with sound infrastructure consisting of buildings, hostels, gardens, water fountains and play grounds for Cricket, Football, Vollyball, Badminton and many others. Bio-metric attendance for Staff is in-place. Enrolment of students against sanctioned intake is reasonably high. Preferred destination for the students of surrounding areas. Effective utilization of teaching learning process Large number of students are pass out at UG level.. The students have developed web portal through which the attendance and internal marks of the students are sent to parents.

WEAKNESS:

Training and internship, Sponsored/ research, patents and consultancy and lack of entrepreneurship initiatives. More efforts needed for Industry Institution interaction..

OPPORTUNITIES:

To foster collaboration with government and R&D organizations and institutions of higher learning. Value added courses in emerging areas. Effective utilization of alumni for college development. Entrepreneurship opportunities for students.

CHALLENGES:

Rural setting posses a challenge for growth and quality. The student's competency levels to meet global challenges. Inculcating the culture of entrepreneurship and innovation. Fostering effective and meaning full linkage with industry for skill enhancement. Encouraging faculty and students to strive for academic excellence. Right ambiance for institutional consultancy and sponsored research projects. Attracting qualified and competent faculty with Ph. D degree from reputed institution. Motivating faculty for research and quality publications in reputed journals.

Section IV:Recommendations for Quality Enhancement of the Institution
(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- • Institute should strive for obtaining autonomous status for ensuring academic flexibility.

- Institute should apply for NBA accreditation

- • Institute should provide facilities to the faculty to conduct research and consultancy

- • Faculty cadre ratio to be improved. and Faculty to be motivated to pursue Ph.D programme.

- Advance laboratories for PG lab to be created.

- Alumni association needs to be strengthened.

- Encouragement to faculty for taking up research and seeking grants for research projects from funding agencies like DST, DIT, DRDO, CSIR etc.

- Technology Incubation and innovation centre be established to enhance entrepreneurship activities for motivating students to become prospective entrepreneur.

- • Research publications in reputed journals with high impact factor/SCI/ SCOPUS and citation index to be enhanced.

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. SHARAD MHAISKAR	Chairperson	
2	DR. HEM CHANDER GARG	Member Co-ordinator	
3	DR. SANJIB KUMAR PATTANAIK	Member	
4	DR. GANESH HEGDE	NAAC Co - ordinator	

Place

Date