

Strategic Planning And Implementation Document




2020-2025

Nawab Shah Alam Khan
COLLEGE OF ENGINEERING & TECHNOLOGY

BE: CE, ME, EEE, ECE, CSE, IT • ME: CSE, Embedded Sys, Structural, HVAC • Polytechnic: CE, ME, EEE, ECE
Approved by AICTE | Affiliated to OU | Accredited to NAAC | Permitted by Govt. of TS | Included in 2F UGC


Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024

Message

Nawab Shah Alam Khan College of Engineering and Technology (NSAKCET) was established under the aegis of the Madarsa-i-Aizza society, in 2008, located in the heart of the historic city of Hyderabad. It was founded under the leadership and patronage of our founder Chairman Nawab Shah Alam Khan sahib who was a leading light at national level with respect to minority education. NSAKCET believes in imparting quality technical education with values. NSAKCET has under its umbrella:

- Eight (8) UG programmes i.e. B.E (CSE), B.E CSE (AI ML), B.E CSE (IOT, CS including BCT), B.E CSE (DS), B.E (IT), B.E (Mech. Engg.), B.E (Civil Engg.), B.E (ECE) with an intake of 600,
- Four (4) P.G. programmes i.e. M.Tech / ME (CSE), M.Tech/ ME (HVAC), M.Tech / ME (Struc. Engg.) and M.Tech / ME (Embedded systems) with an intake of 18 in each branch.
- Four (4) Diploma (Polytechnic) programmes i.e. Diploma (Mech. Engg.), Diploma (Civil Engg.), Diploma (ECE) and Diploma (EEE) with an intake of 240,

NSAKCET is approved by AICTE and Govt. of Telangana and affiliated to Osmania University Hyderabad after change of affiliation from JNTUH from AY 2019-20 onwards..

It is a private, unaided, self financing, co-educational minority institute which is catering to the academic upliftment of the economically backward minority community. NSAKCET possesses well qualified and experienced faculty members as per the norms and state of the art resources equipments and laboratories.

Under the patronage of the Madarsa-i-Aizza society, the NSAKCET management facilitates the realization of the objectives and goals of the vision and the mission of the institute. There is not only an earnest desire and will to the make the institute as one of the best in the field of engineering education but also constant endeavors, initiatives. Feedbacks are taken regularly by the top management of the college to grow exponentially in the meeting the industry expectations.

PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

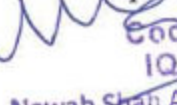
Hon. Secretary

Preface


For an organization, strategic planning is very essential to accomplish the Vision and Mission, which it dreams of. Strategic planning is a continuous process with a specific focus on accomplishing institutional goals in this competitive world. Strategic Planning and Implementation Document (SPID) is based on analysis of current obstacles and future opportunities and envisages the direction towards which the organization should move to achieve its set goals and objectives.

The first part of it addresses the vision, mission which the institute dreams along with core values, institutional long term & short term goals. These are defined and guided by the stake holders (management, leadership, HODs, faculty, staff, industry, students, alumni and parents) through SWOC analysis. After analyzing the internal and external environment, the institutional goals were set up in all possible growth domains through continuous thought process and discussion with HODs and faculty members. The strategies with action plans were decided to achieve institutional strategic goals.

While formulating the strategic plan and deployment document, care has been taken to involve all stakeholders to help contribute their part which is vital for the success of every organization. Effort has been taken to identify clearly the implementation processes and monitoring by identifying measurable targets in line with the desired outcomes. This will emerge to be the guiding force for NSAKCET to achieve its goal to become an institution of Academic Excellence and providing professional by skilled young Engineers and Managers to the society.



Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500009

Vision

To impart quality technical education with strong ethics, producing technically sound engineers capable of serving the society and the nation in a responsible manner.


Mission

M1: To provide adequate knowledge encompassing strong technical concepts and soft skills thereby inculcating sound ethics.

M2: To provide a conducive environment to nurture creativity in teaching- learning process.

M3: To identify and provide facilities which create opportunities for deserving students of all communities to excel in their chosen fields.

M4: To strive and contribute to the needs of the society and the nation by applying advanced engineering and technical concepts.


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Institution Core Values

INTEGRITY

Definition

Setting the highest ethical standards for self and others in everything we do. Our actions, behaviors and conduct must always generate trust and confidence in our stakeholders.

Demonstrable/Observable Attributes

- Is honest and transparent.
- Challenges status-quo and acts for betterment.
- Generates high quality work and results.
- Maintains confidentiality as required.

CONTINUOUS LEARNING

Definition

Deeply interested in and committed to life-long learning. A passion for enhancing one's knowledge, skills, awareness and understanding in a variety of fields and subjects.


Demonstrable/Observable Attributes

- Is curious, interested and enthusiastic about learning/trying new things.
- Is open to learn from as many sources.
- Takes interest in a variety of subjects to broaden understanding and perspective.
- Sets and achieves learning goals on an on-going basis.

ACCOUNTABILITY

Definition

Holding oneself responsible for making things happen and delivering the expected result / outcomes as per set performance criteria.


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.
NSAKCET


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024

Demonstrable/Observable Attributes

- Makes and keeps commitments.
- Takes initiative and volunteers help.
- Takes ownership for results.
- Works with a 'boundary less' mindset.
- Communicates clearly and specifically to set understanding of role and expectations of all parties in the process.

TEAM WORK

Definition

Being there for each other and holding mutual accountability till the goal is achieved

Demonstrable/Observable Attributes

- Is flexible to adapt one's role to the changing demands of the situation.
- Is willing to go the extra mile.
- Gives priority to Team interest and welfare over own comfort.
- Pushes self and others to deliver faster, better and superior results.


SOCIAL CONSCIOUSNESS


Definition

Going beyond the physical boundaries of the campus to make impactful contribution to community and society needs, at large.

Demonstrable/Observable Attribute

- Engages with the community to understand their problems and needs.
- Is enthusiastic about 'engineering solutions'.
- Participates and contributes to planned community development initiatives.


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024

SWOC Analysis

Strengths

1. NSAKCET caters to the academic needs of the of the economically backward minority community.
2. It has the locational advantage that it is situated in close proximity of SCRs Malakpet railway station, the latest Metro Rail station, MGBS making is accessible to all the stakeholders.
3. The representatives of the top management of the college are always available in the institute during all working hours and accessible and responsive to all the stakeholders i.e. the staff, students, alumni and parents.
4. This facilitates quick and fast decision making and implementation of policies at micro and macro level of administration.
5. While an effective hierarchy is created as per the established norms of the academic administration, yet each member of the institute is given equal importance and motivated and inspired to be an effective wheel in the realization of the vision and mission of the institute.
6. NSAKCET ensures that proper financial budgeting and allocation is done to meet the requirements of the infrastructure, salaries, and all the facilities and amenities at all times.
7. NSAKCET provides a pollution free environment to ensure and promote occupant health and a feeling of wellbeing so as to work proactively towards attaining useful knowledge.
8. It also provides an energy efficient facility to reduce the energy usage considerably and provides alternate sources of energy with minimal maintenance issues, while improving the comfort and safety of campus buildings which includes a heritage structure as well.
9. A fully automated library which is equipped with 19733 books 1380 E-journals, 10759 E-books, 7000 Articles, 97 Journal subscriptions, 50 rare books and special reports, 108 titles from foreign authors, 62 titles as non book materials.
10. Online feedback is collected periodically from all stake holders in order to analyze and taken prompt action to strengthen the education quality.
11. Teaching-learning process has been strengthened through effective use of ICT facilities.
12. All facilities are in place for conducting Sports, Yoga and cultural activities Extensive NSS activities for inculcating human values through blood donation camps, A variety of add on programmes, Certificate courses and workshops for both students and faculty are conducted on a regular basis.

Handwritten signature
Coordinator
IQAC Cell
Nawab Shah Alam Khan
College of
Engineering and Technology
Hyderabad.
NSAKCET

Strategic Planning & Implementation Document (2020-2025)

PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
Malakpet, Hyderabad-500024

Weaknesses

1. Off late the admitted student count has decreased due to various reasons all through the state of Telangana but despite the less admissions during the last few years and the financial losses incurred thereof, the management was committed to the cause of maintaining the above mentioned facilities in the college.
2. The caliber of the students joining the college from the neighbouring localities which include slum areas and economically backward areas, is not upto the mark. Hence it is an uphill task for our teaching staff to put in the extra efforts in order to raise these student's standards and produce good results in academics.

Opportunities


1. Plan to start state of the art incubation and research centers to improve research work under all departments..
2. Plan to get DST and TEQIP-3 projects apart from UGCs section 2(f) for approval. Plan to get funds and grants to improve our Research and development work in an extensive manner.
3. Close vicinity to the premier institute like Osmania University, JNTUH, IIITH and IIT Hyderabad, UoH provides opportunities to promote faculty exchange and technology transfer.
4. With the addition of 3 emerging area programmes in CSE viz. (AI & ML), (IoT, CS including BCT) and (Data Science) we look forward to full admissions in them so that the students are abreast with the latest emerging techniques and be industry ready for solving real world problems.
5. As the institution is centrally located many eminent Professors are a part of our team and their services can be utilized for the betterment of our standards and obtaining grants and funding for innovative projects for all streams from the government agencies like UGC, AICTE etc.
6. TASK (Telangana Academy for Skill and Knowledge), established by the Government of Telangana to enable a platform between Government, Academia and Industry to enhance employability quotient of youth in the state, frequently conducts off campus placements for our students as we have registered with it. We look forward to conduct large scale On-campus placement drives in the coming future.


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering & Technology


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Challenges

1. Constantly increasing financial issue like delay in releasing the scholarship amounts of the students under the convener quota from the State government, poses the biggest challenge for disbursement of salaries and other expenditure.
2. Our college aims to fulfill the vision and mission for an overall development
3. Implementing total ICT enabled teaching methodologies.
4. Complete automation of all the college management activities to achieve e-governance in the campus. With an average standard of the students, we plan to improve our academic results and placements. The main challenging issues is being located in the heart of the metropolitan city surrounded by slum areas and other residential localities, maintaining a vast span of green campus and providing the right ambience is in itself a big challenge.



Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

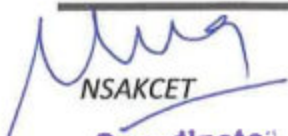
Strategic Goals

The passionate team of NSAKCET after several discussion and planning and guided by the Mission and Vision of the Institutes Quality Policy, Core Values, Stake holder's expectations and SWOC analysis framed the Institutions strategic Goals.

Institution Strategic Goals:

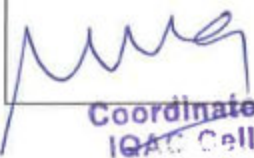
1. Following effective teaching learning process
2. Getting Accreditation by NBA in atleast 4 programmes by mid 2020 and proceed for the remaining programmes by 2021 ending.
3. Getting UGC Autonomous status by 2022 ending.
4. Developing accordingly the leadership and participative management
5. Ensuring good governance
6. Ensuring student's development and participation
7. Ensuring staff development & welfare
8. Developing financial management
9. Put emphasize on Institute – Industry interaction and partnership
10. Development of entrepreneurship
11. Encouraging research and development work
12. Increasing internal revenue generation
13. Increasing Alumni Interaction and participation and Outreach activities
14. Engagement in Community Services and Activities
15. Developing physical infrastructure.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.


NSAKCET
Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology


Strategic Planning (2020-2025)


Teaching learning process	<ul style="list-style-type: none"> • Academic planning and preparation of Academic Calendar • Development of teaching plan as per OBE • Preparation of Lesson Plan based on CO & PO mapping • Use of more teaching aids and adopt more ICT • Development of e- learning resources • Promote research culture & facilities • Provide mentoring and personal support • Follow a transparent and fair feedback system • Conduct training based on need analysis • Evaluation parameters and benchmarking • Continuous assessment to measure outcomes • Performance development through credit system • Implementation of best practices
Leadership and participative management	<ul style="list-style-type: none"> • To follow reporting structure • Decentralize the academic, administration and student related authorities & responsibilities • Prescribe duties, responsibilities and accountability • Portfolio assignments • Establishment of functional committees
Internal Quality Assurance System	<ul style="list-style-type: none"> • Establishment of IQAC done • Framing of Quality Policy & publishing regularly • Formation of Quality Monitoring Committee & functioning • Educating & Training of all employees • Periodic check & guidance for quality improvement • Establishment of audit team and process • Audit for remedial measures • Promoting best practices • Annual report preparation & submission


Coordinator
IQAC Cell
 Nawab Shah College of
 Engineering and Technology
 Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
 New Malakpet, Hyderabad-500 046


Good governance	<ul style="list-style-type: none"> • Vision, Mission re-articulation performed in AY 2019-20 • Accreditation of the institute NAAC with B+ grade in March 2019. • Change of Affiliating University from JNTUH to Osmania University done with effect from AY 2019-2020. • Included in section (2f) of UGC from AY 2019-20. • Applied for Accreditation of the institute by mid 2020 of 4 programmes by NBA. • Accreditation of the remaining programmes by NBA by end of 2021. • Evaluation of Institute's performance and benchmarking by NIRF • Institutional strategic goals – to become an Autonomous institution by end of 2022. • Institutional Strategic development plan accordingly • Monitoring and Implementing the Quality Management Systems • Following organization structure • Smooth Working of statutory committees • Establishing E governance • Leadership development through decentralization • Establishing internal audit committee • Code of conduct and policy formulation, approval and implementation • Establishing fair and transparent performance appraisal System
Student's development and participation	<ul style="list-style-type: none"> • Budget allocation for student development programmes and activities • Students Trainings & Placement Activities • Formation of student council • Student's representation in various committee and cell • Participation in competitions • Organizing competitions • Credit transfer & compensation • Rewards & recognitions of achievers • Participation in extracurricular activities • Participating in social and welfare activities


Coordinator,
IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering & Technology
 Hyderabad.


PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 New Malakpet, Hyderabad-500024.

Staff development & welfare	<ul style="list-style-type: none"> • Recruitment Policy formation & implementation • Staff performance evaluation system • Staff Training for quality improvement • Best possible work facilities & infrastructure facilities • Code of conduct, service rules & leave rules • Staff welfare policy implementation • Career advancement schemes • Rewards, recognitions and incentives • Deputation for seminars, conferences and workshops etc. • Sponsorship/ Motivation for qualification improvement • Support for research, consultancy, innovations
Financial management	<ul style="list-style-type: none"> • Framing & implementation of Purchase and Financial policies • Department wise Budget planning and allocation • Forecasting income & expenditure • Effective functioning of purchase committee • Plans for Emergency Fund • Budget formulation & approval through Finance Committee • Periodic Audit
Institute – Industry Interaction	<ul style="list-style-type: none"> • Industry Institute Interaction Cell IIIC • MoUs with industries • Support for internships, visits, trainings, guest lectures • Identifications of industry needs and advice on Curriculum for extra courses apart from curriculum. • Providing opportunities for Industry based/sponsored projects • Providing career guidance • Strengthen training & placement • Establishing innovation centres



Coordinator
IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.


PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 New Malakpet, Hyderabad-500024.


Entrepreneurship	<ul style="list-style-type: none"> • Entrepreneurship Development Cell EDC • Effective functioning of Entrepreneurship Development Cell • MoUs with organizations for entrepreneurship development. Providing training & guidance for entrepreneurship development • Bringing more experts of the field for seminar, lecture, workshop for entrepreneurship development • Establishing incubation centers • Promoting ,sponsoring and facilitating entrepreneurship development
Research and innovation	<ul style="list-style-type: none"> • Dedicated R &D facilitation centre • Establish and develop Laboratories with more research facility • Fund generation through Project proposals • Apply for Government/Non Government industry, sponsored funds • Collaborations with Government & Private Institutes, Universities and Research Organizations. • Applying for patents • Applying for DST projects
Internal revenue generation	<ul style="list-style-type: none"> • Establishing infrastructure for revenue generation • Identification and Strengthening of IRG activities • Policy for Incentives for Revenue generation plans • Successful implementation of Internal revenue generation plans • Advertising & marketing
Alumni Interaction	<ul style="list-style-type: none"> • Alumni association, participation and registration • Data base creation, Regular interactions with alumni and networking • Recognition of successful alumni • Leverage for guest lecturers/internships/placements/training/ entrepreneurship • Exploring Contributions • Brand ambassadors • Sponsorships/scholarships/fund generation



Coordinator
IQAC Cell

Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Community Services and Outreach Activities	<ul style="list-style-type: none"> • Budget from institution resources / Faculty / students / other donors • Identify community and social development work • Identify challenges of society for development work • Provide vocational training /job oriented training as per local needs at the institute • Educational support to village people • Conducting awareness camps
Physical infrastructure	<ul style="list-style-type: none"> • Infrastructure building development & modification • Smart Class rooms, Tutorials, Seminar halls • Modernization of Laboratory & equipment • More ICT enabled classrooms • Library infrastructure up gradation • System up gradation • Functional facilities for e-learning • Safety & Security management • Water facility • Medical facility • Developing sports (indoor/outdoor) facilities • Plantations • Rain water harvesting • Renewable Energy usage • Hygiene, zero plastic & green campus


Coordinator,
IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.


PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 Malakpet, Hyderabad-500024.

Strategy Implementation and Monitoring

After approval of Strategic development plan the next step is its implementation. During implementation the progress of strategy shall be measured from time to time. Hence the measurable success indicators are clearly spelt out in the implementation document. The Principal along with Academic Council and other team member will be the custodian for strategic plan and its deployment.

Implementation at Institute Level

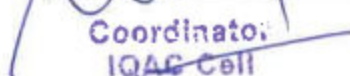
Governance & Administration	Chairman & Members of GB, Administration Office
Branding /Expansion	GB members, Local Management Committee, PRO
Students Admissions	Principal, HODs, Admission team, Students section
Statutory Compliance	Principal, HODs, Coordinators
Infrastructure (physical)	GB, Secretary Trustee Board, GM, Deputy Manager
Infrastructure (Academics)	Principal, HODs
Teaching- Learning	Principal, Vice Principals, HODs, Faculty and Staff
Research& Development	Principal, Vice Principals ,HOD's
Students Development	Principal, Vice Principals, HOD's
Departmental Activities	HOD's and Faculty
Training &Placement	Principal, TPO & HOD's
Quality Assurance	IQAC team



Coordinator
IQAC
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
Jwalakpet, Hyderabad-500024

Measurable during Implementation


Effective teaching learning process	<ul style="list-style-type: none"> ✓ No. of teaching aids ✓ Syllabus completion ✓ Mini projects, Major projects, Seminars ✓ No. of learning resources ✓ No. of student counseling/mentoring/training sessions conducted ✓ Result of examinations (Pass, First classes, Distinctions) ✓ Graduate attribute attainment levels ✓ Student feedback
Leadership and participative management	<ul style="list-style-type: none"> ✓ Reporting structure in place ✓ Decentralization in various domains - academic, administration, staff welfare, student development, infrastructure management – appointments ✓ code of conduct - duties, responsibilities and accountability ✓ Functional of statutory committees – no. of meetings/ semester, minutes of meetings, ✓ planning & implementation
Internal Quality Assurance System	<ul style="list-style-type: none"> ✓ Number of IQAS initiatives/ semester ✓ Audits Reports ✓ AQAR submission


Coordinator
IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.



PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 New Malakpet, Hyderabad-500024.


Good governance	<ul style="list-style-type: none"> ✓ GB selection (Inclusion of Academicians & Industrialist) ✓ No. of GB meetings ✓ Vision Mission , Dissemination & Review ✓ Organization structure in place ✓ Degree of decentralization ✓ Degree of E governance ✓ Resource mobilization ✓ Staff appraisal & career advancement scheme in place ✓ Service rules & benefits
Student's development and participation	<ul style="list-style-type: none"> ✓ Number of student participation ✓ Number of sports, technical, cultural events organized ✓ Regional, National & International competitions participated ✓ Regional, National & International recognitions received ✓ Sports infrastructure provided ✓ Funding for sports
Staff development & welfare 	<ul style="list-style-type: none"> ✓ Number of Staff attending training programs ✓ Staff training programs organized ✓ Sponsorships for higher education ✓ Number of staff welfare programs ✓ Staff awards/ recognitions/ incentives


Coordinator
IOAC Cell
 Nawab Shah Alam Khan College of Engineering & Technology


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
 New Malakpet, Hyderabad-500024

Financial management	<ul style="list-style-type: none"> ✓ Annual Budget forecasting income & expenditure ✓ Utilization / Allocation of funds ✓ Internal & External Audit
Institute – Industry Interaction	<ul style="list-style-type: none"> ✓ No. of active MOUs ✓ No. of Initiatives/activities through MOUs ✓ No. of IIC meetings/ year ✓ No. of Initiatives/contributions by IIC.
Students Development	<ul style="list-style-type: none"> ✓ Number of career guidance trainings ✓ Number of skill development programmes ✓ Number of vocational trainings ✓ Number of placement drives organized ✓ Number of placement drives participated ✓ Number of placements
Entrepreneurship	<ul style="list-style-type: none"> ✓ No. of entrepreneurship trainings organized/participated ✓ No. of graduates becoming entrepreneurs ✓ No. of incubation center


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Internal revenue generation	<ul style="list-style-type: none"> ✓ Industry Sponsorships ✓ Funding raised through sponsored Projects ✓ Consultancy /Testing Services, ✓ Alumni Contribution ✓ Philanthropy- Donations
Alumni Interaction	<ul style="list-style-type: none"> ✓ Alumni data base ✓ Number of interactions ✓ Support for internships/placements/ projects/ consultancy ✓ Contribution towards students development
Community Services and Extension Activities	<ul style="list-style-type: none"> ✓ Number of trainings/ awareness camps provided ✓ Number of social projects undertaken through NSS ✓ Number of Skill development programs for weaker sections ✓ Number of social welfare or outreach programmes done through NSS ✓ Number of people benefited in each Program
Infrastructure - physical	<ul style="list-style-type: none"> ✓ Number of buildings, class rooms added ✓ Removal of obstacles ✓ New Laboratories added ✓ New equipment added ✓ Annual budget allocated & utilized ✓ Harvesting & Recycling of water ✓ Renewable energy source development ✓ Green initiatives



**Coordinator,
IQAC Cell**

**Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad,**



PRINCIPAL


Nawab Shah Alam Khan


**College of Engineering & Technology
New Malakpet, Hyderabad-500024.**

Infrastructure - Academic	<ul style="list-style-type: none"> ✓ Number. of Volumes & Titles in library ✓ Number of National& International journals lectures etc) ✓ Digital Library ✓ Smart Classroom ✓ ICT enabled classrooms
----------------------------------	--

Monitoring of strategic plan


The implementation of strategic plan will be monitored time to time by Principal, College Academic Committee and other committees through periodic review. The sectionheads will prepare the detailed progress report and present it in the review meetings. The benchmarking of quality standards and its monitoring, evaluation of attainment will be carried out by the IQAC independently. The IQAC will report the findings to the Academic Council and GB. With thorough analysis of outcomes and based on IQAC report, the above will recommend the corrective actions, need of further processes and deployment of resources. All these reports will be forwarded for further discussions and implementation by the Board of Governors.


Coordinator
IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.


PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 New Malakpet, Hyderabad-500024.

Conclusion

The Strategic Planning & Implementation Document SPID is an effort for paving a pathway towards accomplishment of goals NSAKCET dreams to achieve. Just formulating the strategic plan doesn't ensure success, but it provides a guiding framework which is a collective effort delivered by the process of participative brainstorming of stakeholders. The proper implementation of strategies through teamwork with good spirit leads to success and sustainability over a longer time through a dynamic process. It needs continuous evolution to incorporate the lessons learnt during the implementation and emphasizes the role of IQAC in ensuring the quality of implementation.



**Coordinator,
IQAC Cell**
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Strategic Planning And Implementation Document

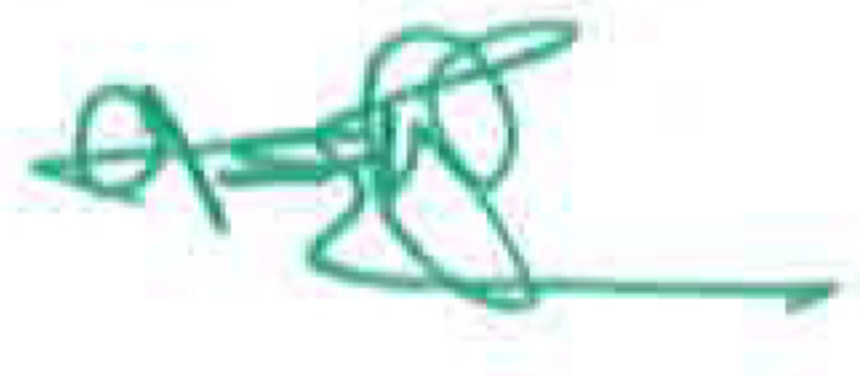
(2015-2020)



Nawab Shah Alam Khan COLLEGE OF ENGINEERING & TECHNOLOGY

BE: CE, ME, EEE, ECE, CSE, IT - ME: CSE, Embedded Sys, Structural, HVAC - Polytechnic: CE, ME, EEE, ECE
Approved by AICTE | Affiliated to OU | Accredited to NAAC | Permitted by Govt. of TS | Included in 2F UGC


**Coordinator,
IQAC Cell**
**Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.**


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500074

Message

Nawab Shah Alam Khan College of Engineering and Technology (NSAKCET) was established under the aegis of the Madarsa-i-Aizza society, in 2008, located in the heart of the historic city of Hyderabad. It was founded under the leadership and patronage of our founder Chairman Nawab Shah Alam Khan sahib who was a leading light at national level with respect to minority education. NSAKCET believes in imparting quality technical education with values. NSAKCET has under its umbrella six (6) UG programmes i.e. B.Tech (CSE), B.Tech (IT), B.Tech (ECE), B.Tech (EEE), B.Tech (Mech. Engg.), B.Tech (Civil Engg.), and four (4) P.G. programmes i.e. M.Tech (CSE), M.Tech (HVAC), M.Tech (Struc. Engg.) and M.Tech (Embedded systems).

NSAKCET is approved by AICTE and Govt. of Telangana and affiliated to JNTUH and Osmania University Hyderabad.

It is a private, unaided, self financing, co-educational minority institute which is catering to the academic upliftment of the economically backward minority community. NSAKCET possesses well qualified and experienced faculty members as per the norms and state of the art resources equipments and laboratories.

Under the patronage of the Madarsa-i-Aizza society, the NSAKCET management facilitates the realization of the objectives and goals of the vision and the mission of the institute. There is not only an earnest desire and will to the make the institute as one of the best in the field of engineering education but also constant endeavors, initiatives. Feedbacks are taken regularly by the top management of the college to grow exponentially in the meeting the industry expectations.



PRINCIPAL

Nawab Shah Alam Khan

College of Engineering & Technology

New Malakpet, Hyderabad-500024.

Chairman



Coordinato.
IQAÇ Cell

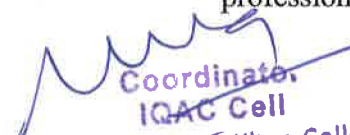
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


Preface

For an organization, strategic planning is very essential to accomplish the Vision and Mission, which it dreams of. Strategic planning is a continuous process with a specific focus on accomplishing institutional goals in this competitive world. Strategic Planning and implementation document (SPID) is based on analysis of current obstacles and future opportunities and envisages the direction towards which the organization should move to achieve its set goals and objectives.

The first part of it addresses the vision, mission which the institute dreams along with core values, institutional long term & short term goals. These are defined and guided by the stake holders (management, leadership, HODs, faculty, staff, industry, students, alumni and parents) through SWOC analysis. After analyzing the internal and external environment, the institutional goals were set up in all possible growth domains through continuous thought process and discussion with HODs and faculty members. The strategies with action plans were decided to achieve institutional strategic goals.

While formulating the strategic plan and deployment document, care has been taken to involve all stakeholders to help contribute their part which is vital for the success of every organization. Effort has been taken to identify clearly the implementation processes and monitoring by identifying measurable targets in line with the desired outcomes. This will emerge to be the guiding force for NSAKCET to achieve its goal to become an institution of Academic Excellence and providing professional by skilled young Engineers and Managers to the society.


Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Vision

To be a leading institute of world class quality technical education with strong ethical values, preparing students for leadership in their fields for the dynamic and global careers, developing breakthrough environment for professional education and research.

Mission

- To enable the students to develop into outstanding professionals with high ethical standards capable of creating , developing and managing local and global engineering enterprises
- To ensure quality assurance by fulfilling expectations of the society and industry with state of the art technology.
- To attract and retain knowledgeable, creative , motivated, and highly skilled individuals whose leadership and contributions uphold the college tenets of education through student – centric learning methodologies.
- To provide opportunities for deserving students of all communities
- To promote all round personality development of the students through interactions with alumni and academia.



Coordinator.
IQAC Cell

Nawab Shah Alam Khan.College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Institution Core Values

INTEGRITY

Definition

Setting the highest ethical standards for self and others in everything we do. Our actions, behaviours and conduct must always generate trust and confidence in our stakeholders.

Demonstrable/Observable Attributes

- Is honest and transparent.
- Challenges status-quo and acts for betterment.
- Generates high quality work and results.
- Maintains confidentiality as required.

CONTINUOUS LEARNING

Definition

Deeply interested in and committed to life-long learning. A passion for enhancing one's knowledge, skills, awareness and understanding in a variety of fields and subjects.

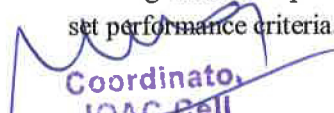
Demonstrable/Observable Attributes

- Is curious, interested and enthusiastic about learning/trying new things.
- Is open to learn from as many sources.
- Takes interest in a variety of subjects to broaden understanding and perspective.
- Sets and achieves learning goals on an on-going basis.

ACCOUNTABILITY

Definition

Holding oneself responsible for making things happen and delivering the expected result/outcome as per set performance criteria.


**Coordinator,
IQAC Cell**
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Demonstrable/Observable Attributes

- Makes and keeps commitments.
- Takes initiative and volunteers help.
- Takes ownership for results.
- Works with a 'boundary less' mindset.
- Communicates clearly and specifically to set understanding of role and expectations of all parties in the process.

TEAM WORK

Definition

Being there for each other and holding mutual accountability till the goal is achieved

Demonstrable/Observable Attributes

- Is flexible to adapt one's role to the changing demands of the situation.
- Is willing to go the extra mile.
- Gives priority to Team interest and welfare over own comfort.
- Pushes self and others to deliver faster, better and superior results.

SOCIAL CONSCIOUSNESS


Definition

Going beyond the physical boundaries of the campus to make impactful contribution to community and society needs at large.

Demonstrable/Observable Attribute

- Engages with the community to understand their problems and needs.
- Is enthusiastic about 'engineering solutions'.
- Participates and contributes to planned community development initiatives.

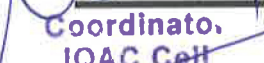

Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.


SWOC Analysis

Strengths

1. NSAKCET caters to the academic needs of the of the economically backward minority community.
2. It has the locational advantage that it is situated in close proximity of SCRs Malakpet railway station, the latest Metro Rail station, MGBS making is accessible to all the stakeholders.
3. The representatives of the top management of the college are always available in the institute during all working hours and accessible and responsive to all the stakeholders i.e. the staff, students, alumni and parents.
4. This facilitates quick and fast decision making and implementation of policies at micro and macro level of administration.
5. While an effective hierarchy is created as per the established norms of the academic administration, yet each member of the institute is given equal importance and motivated and inspired to be an effective wheel in the realization of the vision and mission of the institute.
6. NSAK ensures that proper financial budgeting and allocation is done to meet the requirements of the infrastructure, salaries, and all the facilities and amenities at all times.
7. NSAKCET provides a pollution free environment to ensure and promote occupant health and a feeling of wellbeing so as to work proactively towards attaining useful knowledge.
8. It also provides an energy efficient facility to reduce the energy usage considerably and provides alternate sources of energy with minimal maintenance issues, while improving the comfort and safety of campus buildings which includes a heritage structure as well.
9. A fully automated library which is equipped with 19733 books 1380 E-journals, 10759 E-books, 7000 Articles, 97 Journal subscriptions, 50 rare books and special reports, 108 titles from foreign authors, 62 titles as non book materials.
10. Online feedback is collected periodically from all stake holders in order to analyse and taken prompt action to strengthen the education quality.
11. Teaching-learning process has been strengthened through effective use of ICT facilities.
12. All facilities are in place for conducting Sports, Yoga and cultural activities Extensive NSS activities for inculcating human values through blood donation camps, A variety of add on programmes, Certificate courses and workshops for both students and faculty are conducted on a regular basis.


**Coordinator,
IQAC Cell
NSAKCET**
**Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.**

7


**PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
Hyderabad.**


Weaknesses

1. Of late the admitted student count has decreased due to various reasons all through the state of Telangana but despite the less admissions during the last few years and the financial losses incurred thereof, the management was committed to the cause of maintaining the above mentioned facilities in the college.
2. The caliber of the students joining the college from the neighbouring localities which include slum areas and economically backward areas, is not upto the mark . Hence it is an uphill task for our teaching staff to put in the extra efforts in order to raise these student's standards and produce good results in academics.

Opportunities

1. Plan to start state of the art incubation and research centres to improve research work under all departments..
2. Have applied for 2(f) and 12 (b) of UGC for approval. Plan to get funds and grants to improve our Research and development work in an extensive manner.
3. Close vicinity to the premier institute like IIT-H, IIITH, University of Hyderabad, Osmania University and JNTUH, provides opportunities to promote faculty exchange and technology transfer.
4. As the institution is centrally located many eminent Professors are a part of our team and their services can be utilized for the betterment of our standards and obtaining grants and funding for innovative projects for all streams from the government agencies like DST, UGC, AICTE etc.
5. TASK (Telangana Academy for Skill and Knowledge) , established by the Government of Telangana to enable a platform between Government, Academia and Industry to enhance employability quotient of youth in the state, frequently conducts off campus placements for our students as we have registered with it. We look forward to conduct large scale On campus placement drives in the coming future.



Coordinator
IQAC Cell
Nawab Shah Alam Khan, College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Challenges

1. Constantly increasing financial issue like delay in releasing the scholarship amounts of the students under the convener quota from the State government, poses the biggest challenge for disbursement of salaries and other expenditure.
2. Our college aims to fulfill the vision and mission for an overall development
3. Implementing total ICT enabled teaching methodologies.
4. Complete automation of all the college management activities to achieve e-governance in the campus. With an average standard of the students, we plan to improve our academic results and placements. The main challenging issues is being located in the heart of the metropolitan city surrounded by slum areas and other residential localities, maintaining a vast span of green campus is in itself a big challenge.


Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.

Strategic Goals


The passionate team of NSAKCET after several discussion and planning and guided by the Mission and Vision of the Institutes Quality Policy, Core Values, Stake holder's expectations and SWOC analysis framed the Institutions strategic Goals.

Institution Strategic Goals:

1. Following effective teaching learning process
2. Developing and following leadership and participative management
3. Establishing a continuous Internal Quality Assurance System
4. Ensuring good governance
5. Ensuring student's development and participation
6. Ensuring staff development & welfare
7. Developing financial management
8. Put emphasize on Institute – Industry interaction and partnership
9. Development of entrepreneurship
10. Encouraging research and development work
11. Increasing internal revenue generation
12. Increasing Alumni Interaction and participation and Outreach activities
13. Engagement in Community Services and Activities
14. Developing physical infrastructure
15. Getting memberships of professional bodies, Local chapters, student's chapter etc.



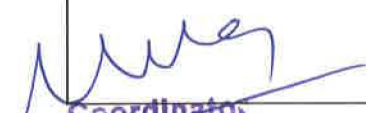
PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.




Coordinator
IQAC Cell
NSAKCET
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


Strategic Planning (2015-2020)

Teaching learning process	<ul style="list-style-type: none"> • Academic planning and preparation of Academic Calendar • Development of teaching plan as per OBE • Preparation of Lesson Plan based on CO & PO mapping • Use of more teaching aids and adopt more ICT • Development of e- learning resources • Promote research culture & facilities • Provide mentoring and personal support • Follow a transparent and fair feedback system • Conduct training based on need analysis • Evaluation parameters and benchmarking • Continuous assessment to measure outcomes • Performance development through credit system • Implementation of best practices
Leadership and participative management	<ul style="list-style-type: none"> • To follow reporting structure • Decentralize the academic, administration and student related authorities & responsibilities • Prescribe duties, responsibilities and accountability • Portfolio assignments • Establishment of functional committees
Internal Quality Assurance System	<ul style="list-style-type: none"> • Establishment of IQAC done • Framing of Quality Policy & publishing regularly • Formation of Quality Monitoring Committee & functioning • Educating & Training of all employees • Periodic check & guidance for quality improvement • Establishment of audit team and process • Audit for remedial measures • Promoting best practices • Annual report preparation & submission


Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad
SRITC-FOE



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.


Good governance	<ul style="list-style-type: none"> • Vision, Mission development & their articulation in every key position • Inclusion of industrialists & academicians in the GB • Evaluation of Institute's performance and benchmarking • Institutional strategic goals setting • Institutional Strategic development plan • Monitoring and Implementing the Quality Management Systems • Following organization structure • Smooth Working of statutory committees • Establishing E governance • Leadership development through decentralization • Establishing internal audit committee • Code of conduct and policy formulation, approval and implementation • Establishing fair and transparent performance appraisal system
Student's development and participation	<ul style="list-style-type: none"> • Budget allocation for student development programmes and activities • Students Trainings & Placement Activities • Formation of student council • Student's representation in various committee and cell • Participation in competitions • Organizing competitions • Credit transfer & compensation • Rewards & recognitions of achievers • Participation in extracurricular activities • Participating in social and welfare activities
Staff development & welfare	<ul style="list-style-type: none"> • Recruitment Policy formation & implementation • Staff performance evaluation system • Staff Training for quality improvement • Best possible work facilities & infrastructure facilities • Code of conduct, service rules & leave rules • Staff welfare policy implementation • Career advancement schemes • Rewards, recognitions and incentives • Deputation for seminars, conferences and workshops etc. • Sponsorship/ Motivation for qualification improvement • Support for research, consultancy, innovations


 Coordinator,
 QAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.

PRINCIPAL
 Nawab Shah Alam Khan
 College of Engineering & Technology
 New Malakpet, Hyderabad


Financial management	<ul style="list-style-type: none"> • Framing & implementation of Purchase and Financial policies • Department wise Budget planning and allocation • Forecasting income & expenditure • Effective functioning of purchase committee • Plans for Emergency Fund • Budget formulation & approval through Finance Committee • Periodic Audit
Institute – Industry Interaction	<ul style="list-style-type: none"> • Formation of industry institute interaction cell • MoUs with industries • Support for internships, visits, trainings, guest lectures • Identifications of industry needs and advice on Curriculum for extra courses apart from curriculum. • Providing opportunities for Industry based/sponsored projects • Providing career guidance • Strengthen training & placement • Establishing innovation centres
Entrepreneurship	<ul style="list-style-type: none"> • Establishment of Entrepreneurship Development Cell • Effective functioning of entrepreneurship development Cell • MoUs with organizations for entrepreneurship development Providing training & guidance for entrepreneurship development • Bringing more experts of the field for seminar, lecture, workshop for entrepreneurship development • Establishing incubation centers • Promoting ,sponsoring and facilitating entrepreneurship development
Research and innovation	<ul style="list-style-type: none"> • Dedicated R &D facilitation centre • Establish and develop Laboratories with more research facility • Fund generation through Project proposals • Apply for Government/Non Government industry, sponsored funds • Collaborations with Government & Private Institutes, Universities and Research Organizations • Applying for patent


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering and Technology
Hyderabad

Internal revenue generation	<ul style="list-style-type: none"> • Establishing infrastructure for revenue generation • Identification and Strengthening of IRG activities • Policy for Incentives for Revenue generation plans • Successful implementation of Internal revenue generation plans • Advertising & marketing
Alumni Interaction	<ul style="list-style-type: none"> • Formation of Alumni association, participation and registration • Data base creation, Regular interactions with alumni and networking • Recognition of successful alumni • Leverage for guest lecturers/internships/placements/training/ entrepreneurship • Exploring Contributions • Brand ambassadors • Sponsorships/scholarships/fund generation
Community Services and Outreach Activities	<ul style="list-style-type: none"> • Budget from institution resources/Faculty/students/other donors • Identify community and social development work • Identify challenges of society for development work • Provide vocational training /job oriented training as per local needs at the institute • Educational support to village people • Conducting awareness camps
Physical infrastructure	<ul style="list-style-type: none"> • Infrastructure building development & modification • Smart Class rooms, Tutorials, Seminar halls • Modernization of Laboratory & equipment • More ICT enabled classrooms • Library infrastructure up gradation • System up gradation • Functional facilities for e-learning • Safety & Security management • Water facility • Medical facility • Developing sports (indoor/outdoor) facilities • Plantations • Rain water harvesting • Renewable Energy usage • Hygiene, zero plastic & green campus • Recycling of water


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.



PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.


Strategy Implementation and Monitoring

After approval of Strategic development plan the next step is its implementation. During implementation the progress of strategy shall be measured from time to time. Hence the measurable success indicators are clearly spelt out in the implementation document. The Principal along with Academic Council and other team member will be the custodian for strategic plan and its deployment.

Implementation at Institute Level

Governance & Administration	Chairman & Members of GB, Administration Office
Branding /Expansion	GB members, Local Management Committee, PRO
Students Admissions	Principal, HODs, Admission team, Students section
Statutory Compliance	Principal, HODs, Coordinators
Infrastructure (physical)	GB, Secretary Trustee Board, GM, Deputy Manager
Infrastructure (Academics)	Principal, HODs
Teaching- Learning	Principal, HODs, Faculty and Staff
Research& Development	Principal, HODs
Students Development	Principal, HODs
Departmental Activities	HODs and Faculty
Training &Placement	Principal, TPO & HODs
Quality Assurance	IQAC team


**Coordinator,
IQAC Cell**
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
Bokpet, Hyderabad-5

Measurable during Implementation

Effective teaching learning process	<ul style="list-style-type: none"> ✓ No. of teaching aids ✓ Syllabus completion ✓ Mini projects, Major projects, Seminars ✓ No. of learning resources ✓ No. of student counseling/mentoring/training sessions conducted ✓ Result of examinations (Pass, First classes, Distinctions) ✓ Graduate attribute attainment levels ✓ Student feedback
Leadership and participative management	<ul style="list-style-type: none"> ✓ Reporting structure in place ✓ Decentralization in various domains - academic, administration, staff welfare, student development, infrastructure management – appointments ✓ code of conduct - duties, responsibilities and accountability ✓ Functional of statutory committees – no. of meetings/ semester, minutes of meetings, planning & implementation
Internal Quality Assurance System	<ul style="list-style-type: none"> ✓ Number of IQAS initiatives/ semester ✓ Audits Reports ✓ AQAR submission



PRINCIPAL

Nawab Shah Alam Khan
College of Engineering & Technology
 Akpet, Hyderabad-500024.



Coordinator
IQAC Cell

Nawab Shah Alam Khan College of
Engineering and Technology
 Hyderabad.

Good governance	<ul style="list-style-type: none"> ✓ GB selection (Inclusion of Academicians & Industrialist) ✓ No. of GB meetings ✓ Vision Mission , Dissemination & Review ✓ Organization structure in place ✓ Degree of decentralization ✓ Degree of E governance ✓ Resource mobilization ✓ Staff appraisal & career advancement scheme in place ✓ Service rules & benefits
Student's development and participation	<ul style="list-style-type: none"> ✓ Number of student participation ✓ Number of sports, technical, cultural events organized ✓ Regional, National & International competitions participated ✓ Regional, National & International recognitions received ✓ Sports infrastructure provided ✓ Funding for sports
Staff development & welfare	<ul style="list-style-type: none"> ✓ Number of Staff attending training programs ✓ Staff training programs organized ✓ Sponsorships for higher education ✓ Number of staff welfare programs ✓ Staff awards/ recognitions/ incentives

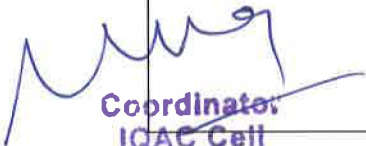
Coordinator
IQAC Cell


**Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.**

PRINCIPAL


**Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.**

Financial management	<ul style="list-style-type: none"> ✓ Annual Budget forecasting income & expenditure ✓ Utilization / Allocation of funds ✓ Internal & External Audit
Institute – Industry Interaction	<ul style="list-style-type: none"> ✓ No. of active MOUs ✓ No. of Initiatives/activities through MOUs ✓ No. of IAB meetings/ year ✓ No. of Initiatives/contributions by IAB
Students Development	<ul style="list-style-type: none"> ✓ Number of career guidance trainings ✓ Number of skill development programmes ✓ Number of vocational trainings ✓ Number of placement drives organized ✓ Number of placement drives participated ✓ Number of placements
Entrepreneurship	<ul style="list-style-type: none"> ✓ No. of entrepreneurship trainings organized/participated ✓ No. of graduates becoming entrepreneurs ✓ No. of incubation center


Coordinator
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500024.


Internal revenue generation	<ul style="list-style-type: none"> ✓ Industry Sponsorships ✓ Funding raised through sponsored Projects ✓ Consultancy /Testing Services, ✓ Alumni Contribution ✓ Philanthropy- Donations
Alumni Interaction	<ul style="list-style-type: none"> ✓ Alumni data base ✓ Number of interactions ✓ Support for internships/placements/ projects/ consultancy ✓ Contribution towards students development
Community Services and Extension Activities	<ul style="list-style-type: none"> ✓ Number of trainings/ awareness camps provided ✓ Number of social projects undertaken ✓ Number of Skill development programs for weaker sections ✓ Number of social welfare or outreach programmes done ✓ Number of people benefited in each program
Infrastructure - physical	<ul style="list-style-type: none"> ✓ Number of buildings, class rooms added ✓ Removal of obstacles ✓ New Laboratories added ✓ New equipment added ✓ Annual budget allocated & utilized ✓ Harvesting & Recycling of water ✓ Renewable energy source development ✓ Green initiatives



 Coordinator,
 IQAC Cell
 Nawab Shah Alam Khan College of
 Engineering and Technology
 Hyderabad.

Infrastructure - Academic	<ul style="list-style-type: none"> ✓ Number. of Volumes & Titles in library ✓ Number of National& International journals lectures etc) ✓ Digital Library ✓ Smart Classroom ✓ ICT enabled classrooms
----------------------------------	--

Monitoring of strategic plan

The implementation of strategic plan will be monitored time to time by Principal, Academic Council and other committees through periodic review. The section heads will prepare the detailed progress report and present it in the review meetings. The benchmarking of quality standards and its monitoring, evaluation of attainment will be carried out by the IQAC independently. The IQAC will report the findings to the Academic Council and GB. With thorough analysis of outcomes and based on IQAC report, the above will recommend the corrective actions, need of further processes and deployment of resources. All these reports will be forwarded for further discussions and implementation by the Board of Trustees.



Coordinator,
IQAC Cell
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
New Malakpet, Hyderabad-500044

Conclusion

The SPDD is an effort for paving a pathway towards accomplishment of goals NSAKCET dreams to achieve. Just formulating the strategic plan doesn't ensure success, but it provides a guiding framework which is a collective effort delivered by the process of participative brainstorming of stakeholders. The proper implementation of strategies through teamwork with good spirit leads to success and sustainability over a longer time through a dynamic process. It needs continuous evolution to incorporate the lessons learnt during the implementation and emphasizes the role of IQAC in ensuring the quality of implementation.


**Coordinator,
IQAC Cell**
Nawab Shah Alam Khan College of
Engineering and Technology
Hyderabad.


PRINCIPAL
Nawab Shah Alam Khan
College of Engineering & Technology
Hyderabad.