



B.S. Abdur Rahman

**Crescent**

Institute of Science & Technology  
Deemed to be University u/s 3 of the UGC Act, 1956

**VISION, MISSION, COREVALUES**

**&**

**PERSPECTIVE PLAN 2020 –2030**

## 1. VISION, MISSION AND CORE VALUES

### VISION

B. S. Abdur Rahman Crescent Institute of Science and Technology aspires to be a leader in Education, Training and Research in multidisciplinary areas of importance and to play a vital role in the Socio-Economic progress of the country in a sustainable manner.

### MISSION

- To blossom into an internationally renowned Institute.
- To empower the youth through quality and value-based education.
- To promote professional leadership and entrepreneurship.
- To achieve excellence in all its endeavors to face global challenges.
- To provide excellent teaching and research ambience.
- To network with global Institutions of Excellence, Business, Industry and Research Organizations.
- To contribute to the knowledge base through scientific enquiry, applied research and innovation.

## CORE VALUES

The four core values of the institute are Technical Competence, Intellectual Character, Commitment to Excellence and Community Focus. The four stars in the logo of the institute signify the four core values.

- **Technical Competence:** To have the right technical skillset and apply knowledge and skills to perform specific tasks within the organization.
- **Intellectual character:** To develop intellectual traits of mind and personality that can promote successful learning among students.
- **Commitment to Excellence:** To create passion and a strong sense of dedication among students, so that they strive in pursuit of success and eminence.
- **Community Focus:** To join hands with the common fraternity and adhere to its needs by way of sharing opinions and solving problems for its smooth function.

## PERSPECTIVE PLAN 2020 - 2030

### 1. CURRICULAR ASPECTS

1.1. To offer more U.G. and P.G. programmes in line with needs of industry, society and global trends and offer Ph.D. in all disciplines across various departments of the Institution.

**Target:**

- 10 new programmes (in 2025)
- 20 new programmes (in 2030)

1.2. To implement CBCS across all the programmes offered by the Institute with at least 40% of the curriculum for professional electives / industry oriented electives / common electives / general electives.

1.3. To transform at least 50% of the courses with industry oriented application component by way of lab integration / practical sessions / project based learning to enhance employability of students.

1.4. To introduce commerce based elective courses across 80% of the programmes to enhance motivation towards entrepreneurship among students.

1.5. To offer value added skill based courses to all the students across different programmes of the institution.

**Target:**

- Enroll each student in at least one value added course per year

## 2. TEACHING-LEARNING AND EVALUATION

2.1. To promote personality development of all graduates for smooth transformation into a professional in a workplace.

**Target:**

- Enroll all students across programmes in any of the professional development activities practiced in the institution.

2.2. To attain 100% faculty with Ph.D. qualification involved in teaching – learning process.

2.3. To bring 100% courses offered by the Institution under Learning Management System to facilitate effective teaching - learning process.

2.4. To create video lectures in full course at 0.5 per faculty per year per department.

2.5. To offer courses through online mode to students

**Target:**

- One faculty shall offer one course per year through online.

2.6. To bring reforms in the examination system by introducing external expertise component at 10% of activities per year to enhance transparency.

2.7. To publicize the profiles of research scholars, post graduate students and faculty to industry & academia to clinch collaboration with Industry & eminent academia.

## 3. RESEARCH, INNOVATIONS AND EXTENSION

3.1. To be one among top 50 best educational research institute in the country.

3.2. To produce Ph.D. graduation at 0.15 per faculty per year.

3.3. To publish papers in reputed SCI journal at 1.25 per faculty per year.

**Target:**

- 700 publications in SCI journals per year
- Increase the h-index to 80

3.4. To achieve grant through sponsored research at 0.10 per faculty per year.

**Target:**

- To generate grant from funding agencies of Rs. 3 Crore per year.

3.5. To achieve fund generation through testing and consultancy at 0.20 per faculty per year.

**Target:**

- At least 20% of faculty involved in testing & consultancy
- Generation of fund to the tune of Rs.1 crore per year

3.6. To establish Centre for Research in emerging areas of societal and national importance based on strength of department at 0.25 per department per year.

**Target:**

- Establish research center by at least 5 departments per year
- At least 25 centres for research in five years

3.7. To tie up with eminent academia of national/international importance at 0.25 per department per year through working MoUs.

**Target:**

- Each department shall have at least one working collaboration with eminent academia in five years.
- Each department shall have at least one joint project with eminent academia.

3.8. To tie up with eminent industry of national / international importance at 0.25 per department per year.

**Target:**

- Each the department shall have at least one working collaboration with eminent industry in five years.
- Each the department shall have at least one joint collaborative project with an industry.

3.9. To organize national level workshop / conference / FDP at 1 per department per year and International conference at 0.25 per department per year.

**Target:**

- Conduct 25 National conferences; 25 FDPs and 5 International Conferences in a year

3.10. To organize events of societal and national importance at one per department per year.

**Target:**

- 25 professionally planned events per year

3.11. To aim for steady growth of faculty, student, alumni and external start-ups through the Crescent Innovation and Incubation Council for the benefit of society and country.

**Target:**

- 25 faculty start-ups in 5 years
- 25 student start-ups in 5 years
- 25 Alumni start-ups in 5 years
- 100 External start-ups in 5 years

3.12. To obtain patents (granted) at 0.5 per department per year.

**Target:**

- At least 10 patents granted per year

#### **4. INFRASTRUCTURE AND LEARNING RESOURCES**

4.1. To upgrade all infrastructure and their surroundings to global standards in cleanliness and safety.

4.2. To expand the laboratories, class rooms and administration infrastructure to accommodate the increase in number of students and research scholars due to introduction of new programmes; and due to creation of new research centers.

**Target:**

- Construction of academic block : 1,50,000 sq.ft.
- Department centric research laboratories : 12,500 sq.ft.

4.3. To provide additional quarters for the faculty and staff.

4.4. To maintain and sustain ICT facilities in all the class rooms, potential laboratories, seminar halls and related areas.

#### **5. STUDENT SUPPORT AND PROGRESSION**

5.1. To aim for 100% placement for students across all the programmes offered by the Institution.

5.2. To aim for higher percentage of other state students in the Institution to bring diversity.

**Target:**

- At least 20% of student admission from other states



5.3. To aim for appreciable percentage of students from other countries to bring cross culture and diversity in the Institution.

- At least 5% of student admission from other countries

5.4. To offer target-oriented soft skills for all students across the institution.

5.5. To motivate and facilitate students to pursue higher studies in eminent academic institutions in India or abroad.

**Target:**

- 10% of the passing out students per department per year.

5.6. To give representation to students in all the academic bodies of the institute.

5.7. To improve participation of students in cultural and sports activities at state / national / international levels.

**Target:**

- 5% of the total students per year.

## **6. GOVERNANCE, LEADERSHIP AND MANAGEMENT**

6.1. To obtain NBA accreditation for all eligible programmes offered by the institution.

6.2. To aim for top 50 in NIRF Ranking in India.

6.3. To aim for 100% students admission of the sanctioned strength in all the programmes offered by the institution.

6.4. To induct faculty with Ph.D. from eminent academic institutions in India / abroad for sanctioned teaching positions.

6.5. To induct affiliate faculty from academia or industry to handle courses in cutting edge areas.

**Target:**

- Inducting affiliate faculty at 10% per department

6.6. To reward high achieving faculty members (overall achievement in academics, research and administration) once in five years.

6.7. To aim for 100% implementation of e-governance in all the functions of the institution.

6.8. To aim for generating fund from non-government bodies, individuals, philanthropists, cloud funding etc.

**Target:**

- Rs.1 crore per year

6.9. To undertake quality assurance initiatives at one per year per department/school / division.

6.10. To establish more alumni chapters in India and abroad.

**Target:**

- 2 in India and 1 abroad per year

## **7. INSTITUTIONAL VALUES AND BEST PRACTICES**

7.1. To aim for maximum generation of power through renewable energy sources in the campus.

7.2. To aim for 100% waste management through innovative techniques and best practices.

7.3. To initiate green practices one per year across the institution.

7.4. To become a carbon neutral campus.