



Research and Development Cell

Director : Dr. Ramesh Reddy



Vision

R & D centre at NSAKCET shall blossom into a Nodal Centre of National importance with global network.

Mission

R&D centre at NSAKCET shall strive to be known for its applied research catering to the societal and technological needs of mankind. It would strive to provide State of the art infrastructure supporting young scholars in research and development activities and Contribute towards engineering areas of Civil, Mechanical, Electrical, Electronics, Communications, Computer and Information Technology.

About the Director

Dr. Ramesh Reddy Passed B.Tech. in Civil Engineering in 1974 from Jawaharlal Nehru Technological University (JNTU) and stood first from among the JNTU, OU and REC Warangal Colleges. He secured direct admission into IIT Delhi, for his scholastic record for pursuing, Post Graduate course, M.Tech. Structures in the year 1976. He did his Ph.D. in the year 1992 from IIT Delhi in the thrust area of Artificial Intelligence and Expert System probably the first in the nation and among the twenty in the world. He actively worked for welfare of staff and students during his stay at IIT Delhi even risking his academic career. For which act of selflessness he was awarded *Outstanding service award for the welfare of staff and students” by President of India, Hon’ble Late Shri Fakhruddin Ali Ahamad in the year 1975.*

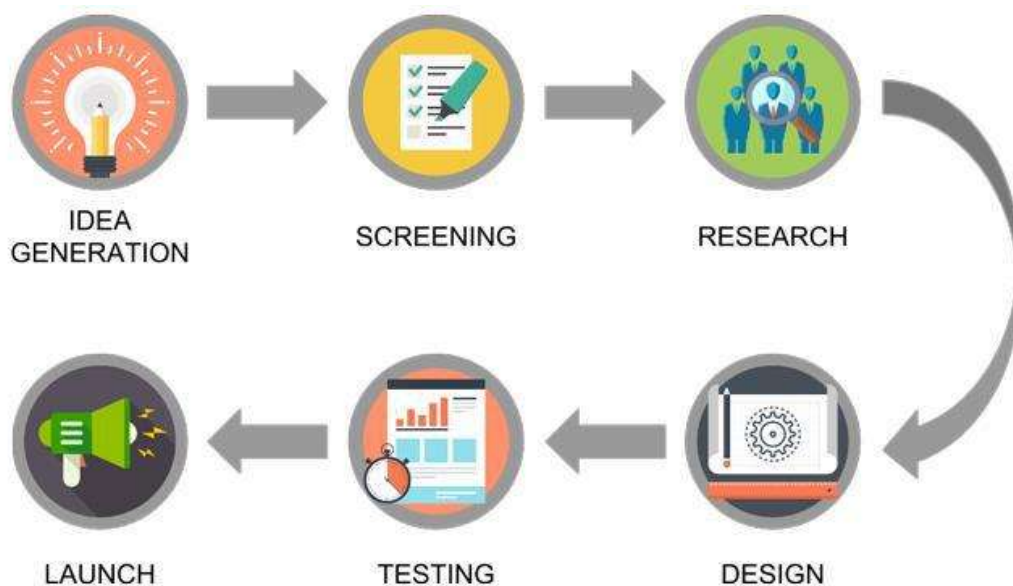
He was the Dean of Osmania University, Hyderabad from 2007-2009. He has held positions like Principal, Dean, Managing Director, Chairman, Partner and many more. He has more than 60 national and international publications to his name. He has also organised 24 conferences and has been conferred with 27 awards. He has guided 11 PhD’s so far and many more are in the pipeline.

DIRECTOR's MESSAGE

Research is the backbone of academics. It simplifies concept building and transforms new ideas into innovations in pursuance of a new era of passion for researches. Each finding gives immense pleasure and multiplies enthusiasm towards achieving target.

The Research and Development Cell aims to nurture research culture in the College by promoting research in newly emerging and challenging areas of Engineering and Technology. It encourages the students and faculty to undertake the research in newly emerging frontier areas. This enhances the general research capability of budding technocrats by way of participating in conferences, seminars, workshops, project competition, etc.

Introduction Teaching and Research are the main functions assigned to any institute. Teaching is a prime function and needs to be performed at the highest level of competence that is possible only when the faculty is involved in the research activity. Research is an original contribution to the existing stock of knowledge making for its advancement. It is the pursuit of truth with the help of study, observation, comparison, experiment, collection of facts or data, analyzing the facts to reach certain conclusions either in the form of solution(s) towards the concerned problem or in certain generalizations for some theoretical formulation. In short, the search for knowledge through objective and systematic method of finding solution to a problem is research. Research essentially nourishes the academic program and such engagement helps teachers to remain at the cutting edge, with advances in their own subject. Importantly, it helps the institute to stand at the global level. The R&D cell comprises of faculty members from various departments in the institute. This committee oversees the smooth and efficient coordination of research and development activities in the institute, thus fostering overall growth.



The Research and Development Cell is functioning with the following objectives:

- To create awareness and opportunities in Research and Development among the students & faculty and to create Research and Development atmosphere in every department.
- To create interest and atmosphere among the staff members to take up Research projects and improve their knowledge, skills and qualifications by registering Ph. D's.
- To motivate the faculty members of the Institute for R&D activities in the area of their specialization.
- To encourage staff members and students to publish technical papers for publishing in National and reputed International Conferences/Journals.
- To encourage faculty members of all the disciplines in Engineering/Science /Humanities in R&D activities for their professional growth.
- To undertake research activities and development projects offered by agencies such as ISRO, DRDO, CSIR, DST, AICTE, UGC, DBT, INFOSYS, etc.
- To assist the students to apply funding for conducting research under student project scheme to various funding agencies like TNSCST, IET (I), DRDO, TCS, Infosys etc.
- To assist for applying and getting funds for conducting Seminar/Workshop/FDP from various available funding agencies.
- To facilitate the growth of research activity among the academic community, including developing mechanisms and targets to achieve this.
- To develop and coordinate strategies for maximizing the faculty's success in gaining external research funding.
- To maintain and disseminate current information about relevant research policy areas and initiatives in government, in the professions and in relevant industries, including external funding opportunities.
- To develop strategies to foster research collaborations within the faculty, across faculty and institutes, and with agencies outside the college.
- To work with various departments to establish and develop faculty research priorities on interdisciplinary areas.
- To interact with industry, government, professions and the wider community on all research matters promote faculty research activities to external stakeholders.

- To coordinate faculty level workshops and staff development activities on research-related issues.
- To encourage development of activities to attract the best research oriented higher degree students.

INDUSTRY CONSULTANCY AND PROJECTS

We believe that close association with Industry is crucial to the growth of Science and Technology. The challenging problems in the field are best solved by teams of technologists from Industry and researchers from academia. Major sectors focused by institutions are: IT/ITES industry, Automotive Sector, Pharmaceutical industry, Food industry, and service industry.

NSAKCET is building outstanding resources for research and development in more than 5 faculties of Engineering & Technology.

Industry / external agency can contact institute to solve various engineering/technology problems, the following details would help you find a faculty or group of faculty who could help you solve it. Problems could be of various types – focused, with specific outcomes and deliverables, to investigatory, exploring the boundaries of knowledge and going beyond.

RESEARCH AND DEVELOPMENT COMMITTEE



NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Govt. of Telangana, Affiliated to JNTUH Hyderabad)

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Research & Development Cell

Proceedings of the Principal

Present: Dr.Syed Abdul Sattar

Proc. No. NSAKCET/R&DC/2018/1

Order:

The Principal is pleased to constitute the Research & Development Cell with the following members;

S.No	Name of Committee	Designation	Department	Designation
1	Dr.Syed Abdul Sattar	Principal	ECE	Chairman
2	Dr. Ramesh Reddy	Professor	Civil	Director R&D
3	Dr.Mohammed S Qaseem	Professor & VP	CSE	Convenor
4	Prof. Syed Farrukh Khan	Professor & VP	Civil	Member
5	Prof. Raza Ahmed Khan	Professor	Mech	Member
6	Dr. Mohd Ahmed Hussain	Prof & HOD	Civil	Member
7	Dr. Maqbool Hussain	Prof & HOD	Mech	Member
8	Dr. G S Rao	Prof & HOD	CSE	Member
9	Dr. Khaja Nizamuddin	Prof & HOD	IT	Member
10	Ms. Zeenath	Assoc.Prof & HOD	ECE	Member
11	Mr. Mansoor Ali	Assoc Prof & HOD	EEE	Member

Copy to:

1. The Director
2. All the Members
3. File

Principal

PRINCIPAL

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New Malakpet, Hyderabad-500024.

