

Research and Development

Vignan's Institute of Information Technology, Visakhapatnam, has promoted meaningful Research and Development activities with a vision and mission of the Institute to pursue and promote Research in Frontier Technologies. In order to strengthen and expand the research activities in the institute, R&D cell was established and is functioning in this Institution from last several years. It is acting as the research centre for all Research related activities nearby area.

Policy: To create good infrastructural facilities and conducive environment to inculcate research culture.

Aim: To Promote, Coordinate and Implement Research & Development Programmes.

Major Goals / Objective of R & D Cell

To promote research and Research Projects including Multidisciplinary

Research Papers Publication / Presentation in referred journals / conferences

Institute- R&D Organization- Industry Collaboration

Core Competence and Consultancy

PG Programmes Management

Staff Development Program

Patents & IPR Knowledge

The significant factors indicating potential growth in the research activities includes the enhancement in the research publications in peer reviewed journals, Research Projects/ grants, Patents, Collaborations, Doctoral research and Faculty development programmes. R & D cell is focusing the attention on the following major activities:

Research Publications:

As a result of tireless efforts taken in the research activities, the Institute has to its credit many research publications in National and International peer reviewed Journals. The faculty members have also presented research papers in various reputed national and international conferences. The total 500+ research papers have published since 2002, out of which 300+ research papers have been published in journals and remaining have been published in conferences. It is noteworthy to mention here that out of total research papers published in international journals, more than 300 research papers have published in peer reviewed journals with impact factor in the range 0.5 to 4.

An academic environment is created in the institution and necessary facilities are provided to encourage and carry out research. Not only the staff members but also the students have brought name to the institution by bagging several prizes. In recent years more than 300 papers are published by the students and faculty members.

Research Projects:

One of the important criteria to judge the performance of research output of the institution is to obtain recognition by reputed Government/Autonomous sponsoring agencies towards generation of funds to conduct quality research. The institute has received a number of research grants from agencies like DST, AICTE, Foreign Agency, etc. over the period. In addition to this, VIIT-Vizag has also encouraged the faculty members to initiate research by giving the seed money to undertake various minor research projects. The funds obtained through the research projects/ grants have significantly increased in recent years, with total research funds of approximately Rs. 3 Cr. obtained in 2013-17. It includes the prestigious fund of Rs. 2 Cr. received from Science and Engineering Research Board (SERB) from Department of Science and Technology (DST) and research grant of Rs. 20 lakh from AICTE. Foreign Fund also allocated to CSE Department by Foreign Agency around 30 Lakh.

Ph. D. Research Activity:

Quality engineering education coupled with innovative research and development is absolutely essential towards the overall faculty development. VIIT-Vizag provides an opportunity to faculty members from the Parent University as well as from external institutions/Universities for carrying out doctoral programme in various engineering disciplines to attain higher qualification in order to keep abreast with continuous technological activities. Accordingly Institute promotes participation of faculty in innovative research by providing a conducive environment, necessary facilities and motivation.

Departments recognized as research centers of JNTUK:

Computer Science and Engineering

Electrical and Electronics Engineering

Electronics and Communications Engineering

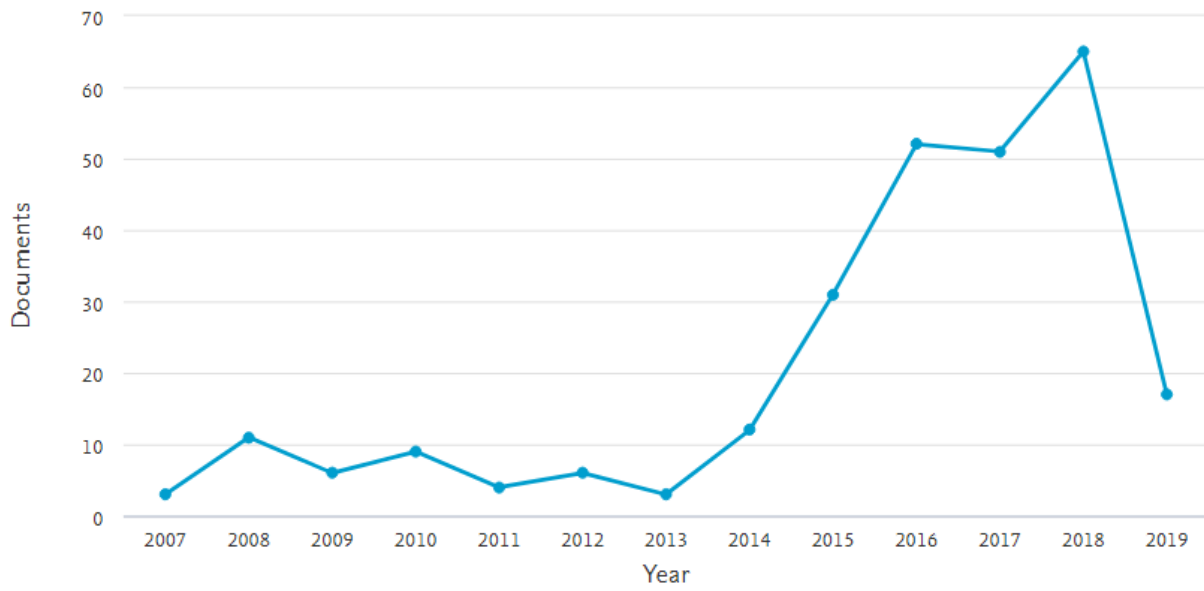
Mechanical Engineering

Major Indexed Publications: Total Scopus Publications from 2007: 273

Year----->	2015	2016	2017	2018	2019 (up to date)
Scopus	31	52	51	65	17
Web of Science	-	-	-	23	5
Non-Indexed	56	42	30	22	10

Publication Graph in Scopus:

Documents by year



Publication Numbers in Scopus (Yearly):

Year ↓	Documents ↑
2019	17
2018	65
2017	51
2016	52
2015	31
2014	12
2013	3
2012	6
2011	4