

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Annual Report of INTERNAL QUALITY ASSURANCE CELL for the academic Year: 2015-16

The following is the summary of the activities of the IQAC of VNRVJIET

- 1. The Annual Quality Assurance Report for the Academic Year 2015-16was submitted on 17thSeptember2016.
- 2. The IQAC organized a seminar on "Internal Quality Assurance in Higher Education". The speaker was Prof. V.S. Prasad, Former Director, NAAC.
- 3. The IQAC designed a Quality functional chart based on NAAC quality criteria and implemented it in the Institute.
- 4. In an attempt to create awareness among the faculty on Institutional Quality aspects, the IQAC conducted seminars on Institutional Quality.
- 5. Based on the quality indices designed, the IQAC conducted an analysis of Attendance, Results, Faculty publications, Projects, Placements and Intake gender ratio.
- The IQAC also conducted periodical internal and external meetings to review the institutional progress.
- 7. Further, the IQAC carried out a Gap analysis based on the NAAC Accreditation Report.
- 8. A centre for excellence on "Nano Science Technology" was established.
- 9. In order to promote research among the faculty, a sensitization program on "Literature Survey" was conducted and also a lecture on "practical demonstration on creating ORCID profile" was given for the benefit of the faculty.
- 10. In order to improve pedagogy and introduce innovative teaching methodologies, the institute organized the following:
 - a) A Two day Orientation cum workshop on "New and Emergent Pedagogies for 21st century engineers.
 - b) A Lecture on spoken tutorials through ICT.

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- c) A Four Week Workshop on "use of ICT in Education for Online and Blended learning FDPICT001X" conducted by IIT BombayX.
- d) A Presentation on "VignanaJyothi Philosophy" by Dr. DN Rao Chairman, VJ.
- 11. Apart from these, the Institute also initiated the NPTEL Local Chapter.
- 12. Open house an initiative to encourage students to demonstrate their projects was begun.
- 13. An online workshop in collaboration with IIT Bombay on using Moodle for technical communication for scientists and engineers was conducted for the benefiting of the faculty.
- 14. New assessment methodologies such as group presentation, home assignments, Quiz and online tests were introduced.
- 15. A Skype training session on "Learning by Doing" was conducted for the benefit of the faculty.
- 16. An incubation centre called "VJ HUB" was established for promoting entrepreneurship in the student community.

Recommendations made by IQAC

- 1. It is recommended that number of research projects need to be increased.
- 2. It is also suggested that consultancy work has to be improved.

Coordinator – IQAC Dr. PoonamUpadhyay