



Maitrey Education Society

Nagarjuna

Institute of Engineering, Technology & Management
(AICTE, DTE Approved & Affiliated to R.T.M. Nagpur University Nagpur)

Village Satnavri, Amravati Road, Nagpur 440023

College Code - 4192

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National Assessment and Accreditation Council

AOAR 2020-21

NAAC Criteria-7: Institutional Values and Best Practices

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust.



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Criteria-7: Institutional Values and Best Practices

Metric No. 7.3.1

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Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust.

The biggest challenge the institute had after its inception was to enhance learning adaptability of its students. The institute has students with rural background and most of them belongs to tribal area of Vidarbha region. Though the students are basically having good intellectual level but they lack in understanding the contents taught by teachers in verbal communication and presentation and therefore fails miserably in subjective type examination pattern.

The institute has now overcome this problem of students and successfully developed a methodology to enhance learning adaptability of the students. This is a unique method purely developed by the institute for their own students and we are proud to inform that it is giving an outstanding result in terms of overall increased in percentage of academic result and also in their soft skills which helps them to fetch a good job.

The methodology involves the process as appended below.

1. It is believed that every person has basically three types of learning styles Auditory, Visual and Kinaesthetic. Therefore, first step in this process involves to evaluate the learning style of each student. This has been done by using DMIT (Dermatoglyphic Multiple Intelligence Test).
2. It has been observed that most of the institute students have dominant Kinaesthetic style of learning. In this style, the students learn by practices or physical touch. Therefore, the second step involves development of teaching tools which is mostly models or 3-D animation videos. The institute has developed library of these types of teaching aids which are used to teach the students using Kinaesthetic style.
3. Teachers are the most important component in success of this methodology and therefore the institute has conducted and regularly conducting training program and seminars to trained teachers of this way of teaching.

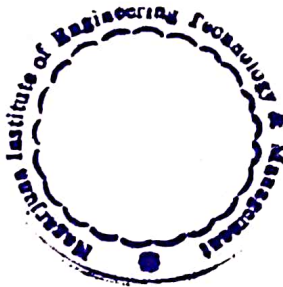



Principal
**Nagarjuna Institute of Engineering
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Before pandemic the conventional method of teaching – learning process was prevalent and used chalk board, audio visual aids like OHP, LCD projectors. Though the conventional methodology of teaching learning process has its own advantages, however the institutes developed methodology, as mentioned above, gets more strength, as during pandemic the online teaching tools like Google Classroom, Google Meet, Zoom, WebEx, Microsoft Team etc has given an opportunity to showcase 3-D views of any components and its animation in virtual form i.e., without creating its physical model and working model.

This was the biggest advantage given by these online tools and makes this methodology of more strength and comprehensive nature as now any content of the syllabus can be taught kinaesthetically or using 3-D view forms, which was not earlier possible with conventional way of teaching – learning process.

This unique methodology therefore, the institute feels, is the distinct feature of the institute.




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