

Chief Patrons

Dr. L. Rathaiah

Chairman, Vignan Group

Mr. L. Sri Krishnadevarayalu

Vice-Chairman, Vignan Group

Patrons

Dr. P. Nagabhushan

Vice Chancellor, VFSTR

Co-Patron

Cmde. Dr. M.S. Raghunathan

Registrar, VFSTR

AFD Team - Members

Dr. Vijaya Kumar Chavan

Mr. Nagendra Rao Howji

Organizing Committee



Dr. PM.V. Rao

Dean, AAA, VFSTR



Dr. D. Vijaya Ramu

Dean, Faculty Affairs,
VFSTR



Dr. M. Rama Krishna

Dean, IQAC, VFSTR



Dr. Sharada Allamneni

Joint Dean, Faculty Affairs,
VFSTR



VIGNAN'S

Foundation for Science, Technology & Research

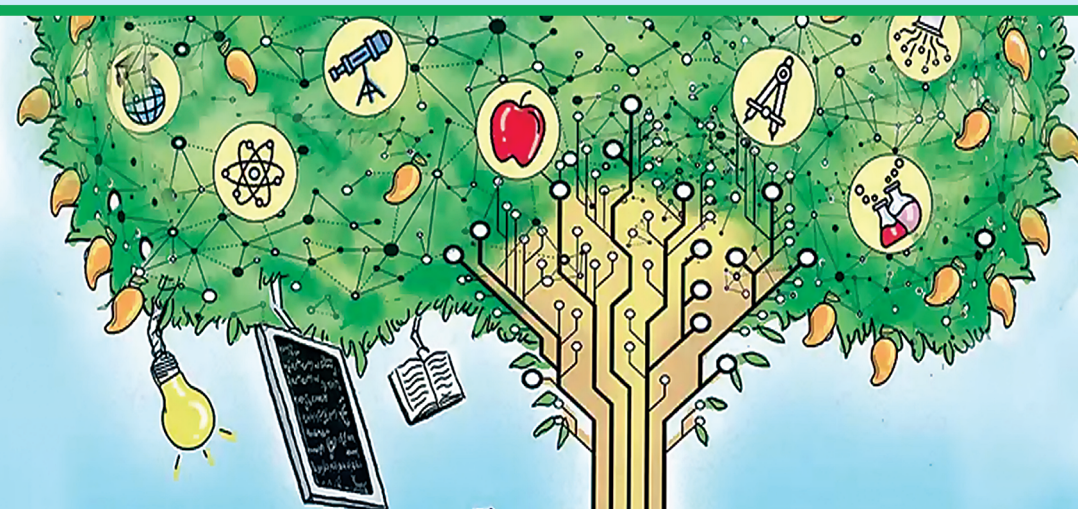
(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

FACULTY DEVELOPMENT PROGRAMME

IMPLEMENTING NEP-2020 THROUGH R-22

11 - 16 July, 2022



NEP-2020

A LOT DEPENDS
ON EXECUTION

Academy for
Faculty Development



Courtesy: Times of India



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Vadlamudi, Guntur Dist. 522 213. A.P., India. Ph : 0863 2344700, Extn : 101, 105

For further details visit : www.vignan.ac.in

Organized by : Dean, AAA, Dean, Faculty Affairs & Dean, IQAC



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Dr. Sharada Allamneni
Joint Dean, Faculty Affairs,
VFSTR

AFD Team: Dr. Vijaya Kumar Chavan | Mr. Nagendra Rao Howji

Time: 10:00 a.m. to 5.00 p.m.

Venue: Video Conference Hall, 1st Floor, NTR Vignan Library



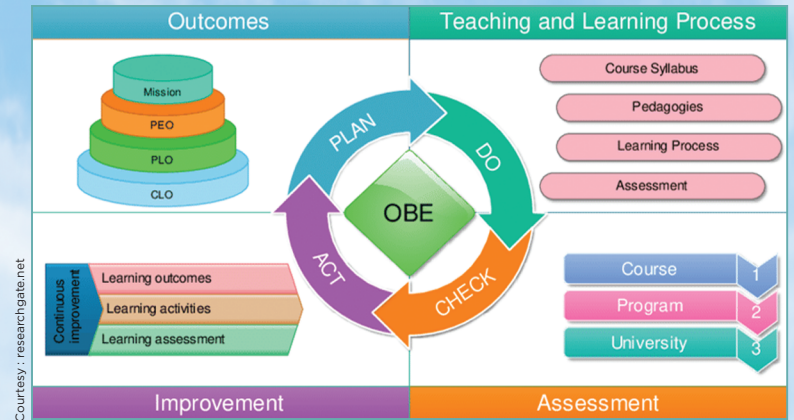
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Faculty Development Programme (FDP)
on

**OUTCOME BASED
EDUCATION (OBE)**

16th - 20th August, 2022

Time: 10:00 a.m. to 5.00 p.m.

Venue: Video Conference Hall, 1st Floor, NTR Vignan Library

Organized by

Academy for Faculty Development

In Collaboration with IQAC, VFSTR

About VFSTR

Vignan's Foundation for Science, Technology and Research University (VFSTRU), the flagship institution of Vignan Group, offers quality academic programmes with innovative leadership development opportunities for its students. The University strives to make the experience of each student a transformative one. It is NAAC accredited with an 'A+' grade and ranked 95th by NIRF. With well-designed infrastructure and learning facilities Vignan's University offers B. Tech, B. Pharmacy, BBM, M. Tech, MBA, MCA and Doctoral Programmes.

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Vignan Group of Institutions founded in 1977, by a visionary educationist, Dr. Lavu Rathaiah, is today one of the largest Groups of Educational Institutions in the States of Andhra Pradesh and Telangana. It currently caters to a student base of 45,000.

Academy for Faculty Development (AFD)

Academy for Faculty Development (AFD) is an exclusive facility working under the aegis of the Dean, Faculty Affairs Office to provide need based training programmes, in line with the institutional mission on aspects of teaching-learning, assessment and curriculum development. It, thus enables the continuous professional development of faculty members of the University. The activities of AFD are planned and executed by a dedicated team of four faculty members.

Outcome Based Education

The Outcome Based Education (OBE) is a student-centric teaching and learning methodology in which the course delivery, assessment are all aligned to achieve the stated objectives and outcomes.

The 5- Day FDP aims to orient faculty participants to the philosophy of Outcome Based Education (OBE).

Objectives of the FDP

- To enable faculty to appreciate and nurture the philosophy of OBE.
- To build the capacity of both young and senior faculty, to effectively implement OBE in the teaching-learning assessment systems and other academic processes of VFSTR.

Schedule

Day & Date	Time	Name of the Event / Topic	Resource Persons
Day - 1 16-08-2022	9:30 to 10:00 am	Zero session	VC, VFSTR/ Dean AAA/ Dean IQAC/ Dean and Joint Dean of Faculty Affairs and Promotion.
	9:45 to 11:15 am	Inaugural and Keynote Address on Outcome Based Education- Method and its efficacy for Engineering Education	Chief Guest Prof. Debi Prasad Mishra Director NITTR, Kolkata.
	11:30 to 1 pm	Importance and Key - Essence of Outcome Based Education	Dr. P. Nagabushan , VC, VFSTR.
	1: 45 to 3:15 pm	R22 Regulations in line with NEP-2020	Dean, AAA, Prof. P. M. V. Rao and Team.
	3:30 to 5 pm	R22 Regulations in line with NEP-2020	Dean, AAA, Prof. P.M.V. Rao and Team.
Day - 2 17-08-2022	9:45 to 11:15 am	Project Allocation, Monitoring and Evaluation - Best Practices	Dr. H. S. Guruprasad / Dr. Suresh Ramaswamyreddy , BMSCE, Bangalore.
	11:30 to 1 pm	Fostering Creativity in Practical TLP and Assessment	Dr. H. S. Guruprasad / Dr. Dr. Suresh Ramaswamyreddy , BMSCE, Bangalore.
	1: 45 to 3:15 pm	Designing Capstone Projects	Dr. H. S. Guruprasad / Dr. Dr. Suresh Ramaswamyreddy , BMSCE, Bangalore.
	3:30 to 5 pm	Reaping Outcomes from Capstone Projects	Dr. H. S. Guruprasad / Dr. Dr. Suresh Ramaswamyreddy , BMSCE, Bangalore.
Day - 3 18-08-2022	9:45 to 11:15 am	OBE- An Overview	Prof. Muthukrishanan Former Dean, IIT Chennai.
	11:30 to 1 pm	OBE- An Overview	Prof. Muthukrishanan Former Dean, IIT Chennai.
	1: 45 to 3:15 pm	Efficacy of Blended Teaching Methods with MOOCs Courses and MOODLE Platform	Dr. B. S Balaji Assoc. Prof. JNU, New Delhi.
	3:30 to 5 pm	Efficacy of Blended Teaching Methods with MOOCs Courses and MOODLE Platform	Dr. B. S Balaji Assoc. Prof., JNU, New Delhi.
Day - 4 19-08-2022	9:45 to 11:15 am	Philosophy of OBE & Translating it into Effective Institutional Practices	Dr. G. Varaprasad & Dr. Sheshachalam.D. BMSCE, Bangalore.
	11:30 to 1 pm	Mapping of CO-PO, PSO and Justification (Articulation Matrix)	Dr. G. Varaprasad , BMSCE, Bangalore.
	1: 45 to 3:15 pm	Assessment Tools for Higher Order Learning Outcomes	Dr. G. Varaprasad & Dr. Sheshachalam.D. BMSCE, Bangalore.
	3:30 to 5 pm	Designing QPs and Effective Assessment Methods	Dr. G. Varaprasad & Dr. Sheshachalam.D. BMSCE, Bangalore.
Day - 5 20-08-2022	9:45 to 11:15 am	Flexible Academic Program (FAP): IITA's Model for Outcome Based Education (OBE) - 1	Dr. Neetesh Purohit , Professor and Dean(Academic), IIT, Allahabad.
	11:30 to 1 pm	Flexible Academic Program (FAP): IITA's Model for Outcome Based Education (OBE) - 2	Dr. Neetesh Purohit , Professor and Dean(Academic), IIT, Allahabad.
	1: 45 to 3:15 pm	Continuous Learning Assessment - Methods for improving Laboratory Experience and Active Learning	Dr. Satish Singh , IIT Allahabad.
	3:30 to 4:30 pm	Continuous Learning Assessment - Methods for Improving Laboratory Experience and Active Learning	Dr. Satish Singh , IIT Allahabad.
	4:30 to 5:00 pm	Valedictory Function - Closing Remarks	By Dean, AAA, Prof. P. M. V. Rao .



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Dean, IQAC

Dr. D. Vijaya Ramu
Dean, Academics

AFD TEAM MEMBERS



Dr. A. Sharada
Joint Dean, Faculty Affairs,
VFSTR

Mr. Nagendra Rao Howji
Chief Co-ordinator



Dr. Vijaya Kumar Chavan
Co-ordinator



Faculty Orientation Programme - 1

15th - 23th June 2022

Time: 2.00 p.m. to 5.00 p.m.

Venue: Video Conference Hall, 1st Floor, NTR Vignan Library



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Outcomes

- The Programme will enable participating teachers to understand the Vision and Mission of Vignan's Engineering Institutions.
- Familiarise themselves with the work culture, service conditions and expectations.
- Understand the multi-dimensional role of engineering faculty members.
- Understand and apply the basic principles of teaching-learning, evaluation and appreciate the integrated process.
- Familiarise with various kinds of teaching methods and use appropriate method in real classroom situation.
- Prepare course plan and learning material.
- Acquire skills required to use technology for effective teaching-learning and evaluation.
- Understand classroom dynamics and adopt strategies of creating active learning environment.
- Acquire the capability for student counselling and mentoring.
- Understand the significance of co-curricular and extracurricular activities to facilitate the all-round development of personality.
- Become familiar with research methodology, writing research proposals and papers for publication.
- Appreciate the need to foster graduate aptitudes of an engineer and prepare them for the profession of engineers.
- Understand the role of engineers in the context of nation building and social transformation.

FACULTY ORIENTATION PROGRAMME (FOP-I 2022) SCHEDULE

S. No	Topic	Resource Person
1.	An Overview of Engineering Education in India vis-a-vis Global Context	Honourable Vice Chancellor, VFSTR
2.	National Policy of Education (NEP-2020)	Honourable Vice Chancellor, VFSTR
3.	Vision & Mission of VFSTR /Common Minimum Professional Attributes Expected of Faculty in HE	Dean, Faculty Affairs
4.	Student Skills for 21 st Century-1	Dean T & P, VFSTR
5.	Student Skills for 21 st Century-2	Invited Resource Person from Industry
6.	Facets of Professional Values & Professional Standards Framework.	Joint Dean, Faculty affairs
7.	How the Millennial Generation Learns, (Generally and in their disciplinary areas)	Invited Resource Person
8.	An Overview on 3 Standards of Professional Knowledge : Content, Student & Teaching and Learning	Invited Resource Person
9.	Micro Teaching : 3 Cycles(Instruction Design, planning and preparation to meet the learning objectives held for student)	Team, AFD
10.	Assignments for Learning by Doing & by Research	Invited Resource Person
11.	Principles of OBE , CLA - Planning Formative & Summative Assessments,	Invited Resource Person
12.	Continuous Learning Assessment - CO & PO Mapping, Question papers setting etc.	Invited Resource Person
13.	Counselling & Addressing Student Issues	Dean, Student Affairs





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Co-ordinator



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Faculty Orientation Programme - 2

28th June - 7th July 2022

Time: 2.00 p.m. to 5.00 p.m.

Venue: Video Conference Hall, 1st Floor, NTR Vignan Library



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Outcomes

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- Familiarise themselves with the work culture, service conditions and expectations.
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- Understand the significance of co-curricular and extracurricular activities to facilitate the all-round development of personality.
- Become familiar with research methodology, writing research proposals and papers for publication.
- Appreciate the need to foster graduate aptitudes of an engineer and prepare them for the profession of engineers.
- Understand the role of engineers in the context of nation building and social transformation.

FACULTY ORIENTATION PROGRAMME (FOP-2 2022) SCHEDULE

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1.	An Overview of Engineering Education in India vis-a-vis Global Context	Honourable Vice Chancellor, VFSTR
2.	National Policy of Education (NEP-2020)	Honourable Vice Chancellor, VFSTR
3.	Vision & Mission of VFSTR /Common Minimum Professional Attributes Expected of Faculty in HE	Dean, Faculty Affairs
4.	Student Skills for 21 st Century-1	Dean T & P, VFSTR
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9.	Micro Teaching : 3 Cycles(Instruction Design, planning and preparation to meet the learning objectives held for student)	Team, AFD
10.	Assignments for Learning by Doing & by Research	Invited Resource Person
11.	Principles of OBE , CLA - Planning Formative & Summative Assessments,	Invited Resource Person
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Implementing NEP-2020 through R-22 Academic Regulations

R-22 Academic Regulations, Curriculum and Course contents is an articulation of the VFSTR deemed to be University's commitment towards NEP-2020, with a view that it enables student(s) to maintain the spirit of continuous learning and continuous assessment. The proposed framework accomplishes a multi-disciplinary holistic education facilitated through continuous assessment along with a multiple honorable exit options.

The One-week FDP aims to orient faculty and students to the philosophy and rationale that has gone into the framing of R-22 Academic Regulations of VFSTR.

Objectives of the FDP

- To enable faculty to upgrade professional skills and gain insights into adopting and implementing NEP-2020.
- To align the overall Teaching-Learning and Assessment practices of faculty members to the Academic Regulations R-22.

Schedule

Day & Date	Description
Day - 1 : 11-07-2022	L.T.P
Day - 2 : 12-07-2022	L.T.P (contd.)
Day - 2/3 : 13-07-2022	Workshop cum presentations by the resource persons on L.T.P
Day - 4 :14-07-2022	Formative, Summative assessment
Day - 5 : 15-07-2022	Credit layout
Day - 6 : 16-07-2022	Workshop cum presentations by the resource persons

About Resource Person



Dr. P. Nagabhushan

Vice-Chancellor: Vignan's Foundation for Science, Technology & Research (Deemed to be University)

Distinction: Visiting / Invited Researcher / Professor at International Level.
Recipient of Several Awards and Recognitions

Formerly:

- Director & Professor: Indian Institute of Information Technology Allahabad, Prayagraj (2017 - 2022)
- Professor in Computer Science and Engineering, (Since 1994 at SJCE Mysore & Since 1996 at University of Mysore up to 2020)
- University Nodal Contact: Global Initiative for Academic Networking (GIAN)
- Chairman: Academic Reformation Committee, University of Mysore,
- Mentor: Specialized Program in Design, Creative Arts, Tibetan Studies Conducted at Specified Centres of University of Mysore.