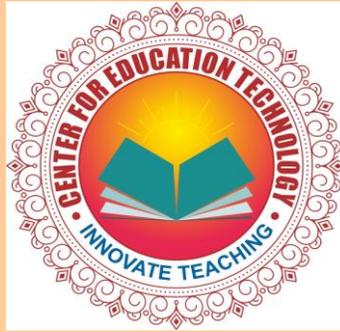


DEPARTMENT OF HUMANITIES & SCIENCES

CENTRE FOR EDUCATION TECHNOLOGY



Dr. T. Jayashree, Head, Dept. of H&S
Dr. S. Kanchana, Coordinator
Ms. Prativa Rani Saha, Coordinator



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, NAAC Accredited with 'A' Grade, NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech. Courses Approved by AICTE, New Delhi, Affiliated to JNTUH, Recognized as "College with Potential for Excellence" by UGC, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

A College with potential for Excellence,
UGC Autonomous, Accredited 'A++' grade by NAAC, Accredited by NBA

“What is the purpose of life?

If one were to express this in just a word, it would have to be ‘happiness’. The purpose of education must therefore accord with the purpose of life.

The essence of education is not to transfer knowledge; it is to guide the learning process, to put responsibility for study in the student’s own hands... [and] place people on their own path of discovery and invention.”

**-Tsunesaburo Makiguchi
Educator**

**Technology can become
the “wings” that will allow
the educational world to
fly farther and faster than
ever before—if we will
allow it.**

-Jenny Arledge

**Education is not the learning of facts. It’s rather
the training of the mind to think.**

- Albert Einstein



CONTENTS

Sl. No.	Topic	Pages
1.	Background for the Establishment	4
2.	About the Centre for Education Technology	5
3.	Vision	10
4.	Mission	10
5.	Objectives	10
6.	Coordinators & Members	11
7.	Activities	12
8.	MOUs	13
9.	Achievements	14
10.	Photos	15





1. Background for the Establishment

Need of human resource development in the field of Education:

According to UNICEF and UNESCO, (Education for Sustainable Development Goals, (UNESCO 2017)), “Education systems must respond to the pressing need of transforming the way we think and act- new skills, values and attitudes that lead to more sustainable societies by defining relevant learning objectives and learning contents, introducing pedagogies that empower learners, and urging their institutions to include sustainability principles in their management structures.” Education is the key to sustainable development of any Nation. But in fast developing countries like India, the pace of development is hampered due to inadequately skilled human resources. In order to narrow this gap, conscientious efforts for human resource development need to be converged in the field of education.

Integration of technology in Education:

Globalization, rapid advances in technology, and the advent of Information and Communication Technologies (ICT) demand new skills such as Communication, Cognitive and Interpersonal skills, Collaboration, Abstract-reasoning skills, Initiative, Creativity, Ability to understand and analyze data, Negotiation and Conflict resolution, Critical thinking, Problem solving, Innovation and Adaptability. This demand for new skills has brought urgency for integration of new technologies into education not only for providing transformative teaching/learning experiences but also for research, innovation and entrepreneurship to achieve the expected goals.

Today, technology-enabled pedagogical approaches have replaced chalk board with interactive digital white boards, use of smart phones and tablets for inverted classrooms/ flipped learning in order to attain maximum class time for interaction, discussions and debates on problems that require collective reasoning and interaction of ideas thus making ICT integral to teaching-learning practices.



CENTRE FOR EDUCATION TECHNOLOGY



Establishment of Centre for Education Technology (CET) for realizing the vision and mission of VNR VJiet:

Integration of new technologies require a paradigm shift in the teaching/learning processes for which appropriate training in modern pedagogical processes needs to be imparted to the faculty from time to time. This goal can be accomplished through the establishment of Centre for Education Technology which will extend its reach to a larger community of teachers and thereby support the students, realizing the goal of inclusive education.

This centre proposes to provide training in Technology, Pedagogy, and Content Knowledge (**TPACK**) to faculty of the institute initially and extend it to faculty of other educational institutes in the State of Telangana.

The Vision of VNR VJiet, is *“to become a World Class University providing value-based education, conducting interdisciplinary research in cutting-edge technologies leading to sustainable socio-economic development of the nation”*. The mission of VNRVJiet is *“to produce technically competent and socially responsible engineers, managers and entrepreneurs through the use of modern pedagogy for improving the teaching-learning processes”*. The institute desires to involve students and faculty in innovative research projects linked with industry, and research in institutions in India and abroad.

With this Vision and Mission, the institute has strategically planned for the establishment of Centre for Education Technology, towards providing transformative education and hence its efforts towards Quality Improvement in various aspects and thereby value-based education.

The focus of the institute has been Curriculum Design, Teaching/Learning & Evaluation and won accolades from NAAC committee during the second cycle of accreditation in 2018. Further, it has made significant improvements in Student Support and Progression, and has been forging ahead in the area of research. The Institute, at this juncture, felt that it is time to contemplate on the challenges faced by Higher Education in



contemporary times and seek solutions through innovative teaching methodologies and technology integration into pedagogy.

With this mission, VNR VJIET set out to accomplish its goals through myriad quality improvement programmes. These Programmes began in 2012 when the Institute sponsored two faculty members for a **POGIL** Facilitator Training at Myrtle Beach, US for implementing innovative teaching methodologies in STEM. POGIL is an acronym for ***Process Oriented Guided Inquiry Learning***. It is a student-centred, group-learning instructional strategy and philosophy developed through research on how students learn best. POGIL is an internationally acclaimed teaching Pedagogy that makes students feel engaged, accomplished and empowered. The Workshop trained this faculty in facilitating POGIL in large, heterogeneous classrooms.

In continuation with this, a series of workshops, namely, Art of Teaching, POGIL and Instructional Design were organized by the Department of Humanities & Sciences, VNR VJIET in collaboration with Enhance - Edu, IIIT-Hyderabad. Through these workshops, the faculty of VNR VJIET were trained in creating **Wikis** (an online forum for posting, editing and adding information). This dynamic tool is used in a classroom setting for Lesson Planning. Applying Bloom's Taxonomy to teaching/learning and assessment was another important aspect covered during these training sessions.

The Institute's Best Practices, which can be called the "**Vignana Jyothi Differentiators**", are centred on teaching and learning processes and methodologies. Among these, WIT & WIL™ (*Why am I Teaching What I am Teaching/What am I Learning What I am Learning*), Career Vision Approach™, VNR Lab Protocol™, and VJ Spectral Pyramid™ are trademarked, unique practices of the Institute.

VNR VJIET also initiated the practice of conducting Induction Programs for new faculty in 2013 for acclimatizing them to the teaching environment at VNR VJIET as well as training them in pedagogical practices.



CENTRE FOR EDUCATION TECHNOLOGY



In the academic Year 2013-14, a 3-Day International Workshop on “Reviving Education by Implementing Active and Guided Inquiry Experiences in STEM” - “REIMAGINE STEM” was conducted. The Facilitators were Dr. Kelly Butler, Dr. Daniel Libby and Dr. Clifton Kussmaul, from USA, representing the National POGIL Project of U.S.A. They trained the teachers of VNR VJIET in designing POGIL activities in the respective domains and thus helped them make their classrooms and laboratories more student-centred.

A Two-Day Workshop on Outcome Based Education, a One Day workshop on WIT & WIL, and Micro Teaching Sessions were conducted in the academic Year 2014-15. In addition to these, the faculty of English worked on the “Development of Learning Analytics Tool” for English Composition. Dr. Vivek Kumar, Prof. Kinshuk, Ms. Isabelle and Mr. Jeremy of Athabasca University, Canada were leading this project.

As part of Quality Improvement initiative in Teaching/ Learning, VNR VJIET accepted Dr. Kelly Butler, Prof. of Chemistry, Chestnut Hill College (CHC), Philadelphia, Pennsylvania for affiliation of Fulbright-Nehru Academic Excellence (Teaching) Post –Doctoral Fellowship offered by USIEF in 2015-16 for 9 months from July 2015 to April 2016 thus facilitating faculty exchange. During these 9 months, Dr. Kelly not only implemented the new pedagogy of POGIL in teaching Engineering Chemistry but also conducted workshops on POGIL for VNR VJIET faculty.

VNRVJIET was recognised as a remote centre in 2015 -16 by IIT Bombay under National Mission in Education through ICT (NME-ICT) scheme for conducting training sessions on Teaching/Learning using ICT methods. As part of the National Mission on Education through ICT (MHRD, Govt. of India), a workshop was conducted in the distance mode, using A-VIEW software and Internet, titled, ‘Technical Communication for Scientists &Engineers’, in the academic Year 2015-16 using MOODLE for the faculty.

Online educational methodology, which includes Blended Learning and flipped-classrooms with associated pedagogy of active learning, has emerged as the mainstay of effective education in the 21st century. The challenges of teaching, especially in higher education, now lie in making this integration seamless and effective. Most of our teachers need training to gain the skills and competencies for effective use of ICT in education. It is thus an urgent



CENTRE FOR EDUCATION TECHNOLOGY



national requirement that all our teachers, at least those teaching in our professional colleges, are empowered to use technology effectively, to enhance the quality of education. Thus began a quest for equipping ourselves in these technologies.

The Head and the core members of the Department of H&S attended a Four Week AICTE approved FDP by IIT Bombay on – “Use of ICT in Education for Online and Blended Learning”. This MOOC based Faculty Development Program (FDP) was conducted in a blended mode from May 2nd, 2016 to July 10th, 2016 and these faculty were recognized as top performers for which they won an “**Award of Excellence**” sponsored by SAP India Pvt. Ltd. and a cash prize of Rs. 5000/-. This training empowered them to use technology effectively in the classroom.

As top performers in the earlier FDP of IIT Bombay, our team from the Centre for Education Technology got an opportunity to mentor FDP 201x participants in creating Open Educational Resources (OER) after undergoing an additional course, “Mentoring Educators in Educational Technology” (FDP301x) offered in blended format connecting technology, pedagogy and content, thereby contributing to the nation building exercise of training teachers in these modern pedagogies.

In the process of conducting a series of workshops on integrating technology into teaching/learning, the faculty were equipped in modern pedagogy on the lines of TPACK, for better delivery of subject.

Later, in alignment with Vision 2020 of the Institute to provide value-based education using modern pedagogy, the Department of H&S came up with a proposal to establish a **Centre for Education Technology (CET)** in the year 2016. This was the beginning of formal teacher training in technology integrated pedagogy in the Institute.



About Centre for Education Technology

The Centre for Education Technology started in the year 2016 with an aim to conceptualize the execution and evaluation of the education process, i.e. learning and teaching with application of modern educational teaching techniques. The application of educational technology requires knowledge from several areas: pedagogy, psychology, didactics, computer sciences, informatics etc. So, the Centre provides a roadmap to reach the required areas by using different modern teaching pedagogies than the traditional ones. ***The centre aims in:***

- Creating and supporting effective digital-age learning environments to maximize the learning of all students.
- Assisting teachers in using technology effectively for assessing student learning, differentiating instruction, and providing rigorous, relevant, and engaging learning experiences for all students.
- Demonstrating adult learning and leadership and continuously deepening their knowledge and expertise through reflective evaluation.
- Participating in the development and implementation of shared vision for the comprehensive integration of technology to promote excellence.
- Making lessons more engaging, interactive, collaborative, and designed for multiple intelligences.



CENTRE FOR EDUCATION TECHNOLOGY



VISION:

1. To be a centre for excellence in integrating technology with teaching learning process for providing a transformational learning experience empowering student competencies and outreaching leadership among the faculty.
2. To be a Technology Enhanced Education Ecosystem for catering to the diversified knowledge needs of the Nation.

MISSION:

1. To enhance teachers' aptitude towards technology enabled education in order to synergise between education, development and technology.
2. To nurture faculty and students for research and innovation in the field of education technology.
3. To establish a proactive community network for promoting ubiquitous education technologies.

OBJECTIVES:

- Empower educational systems through sharing our knowledge and expertise to create the learning environments of the future.
- Harmonize pedagogical needs with the evolution of new technology.
- Use OER's for enhancement of regular course content.
- Support for learner-centred, self-directed, peer-to-peer and social/informal learning approaches.
- Use MOODLE -Modular Object-Oriented Dynamic Learning Environment - open source platform to develop and manage courses online.
- Focus attention and engage students in comprehending the material.
 - Combine face-to-face instruction with computer-mediated instruction, blended-learning, and increase the options for better quality and quantity of human interaction in a learning environment
- Provide 'real-life' learning experiences through OER that link to employer or professional sector activities
- Guide teachers to develop higher levels of thinking process for critical thinking or creative thinking
- Focus attention and engage students in comprehending the material



CET Coordinators & Members

Sl. No	Name	Designation	Department
1.	Dr. T. Jayashree Head & Professor	Head	H&S
2.	Dr. S. Kanchana Assoc. Professor	Coordinator	H&S
3.	Ms. Prativa Rani Saha Asst. Professor	Coordinator	H&S
4.	Mrs. A Jyothirmai Asst. Professor	Member	CE
5.	Dr. Rashmi Kapoor Associate Professor	Member	EEE
6.	Mr. L. Sandeep Raj Asst. Professor	Member	ME
7.	Ms. L. Dharmateja Assistant Professor	Member	ECE
8.	Ms. Tejaswi Assistant Professor	Member	CSE
9.	Ms. D. Kalyani Assistant Professor	Member	IT
10.	Mr. Nagarjunachary Assistant Professor	Member	EIE
11.	Dr. B. Harish Assistant Professor	Member	AE



Activities

Regular workshops on POGIL activities, Outcome Based Education, Using MOODLE and MOOCs, Learning by Doing, New and Emerging Pedagogies, Innovative Practices, Blended Learning, Flipped Classroom, Bloom's Taxonomy, Plickers, Open Education Resources (OER), Instructional Design & Delivery Systems, Latex, etc. were conducted through this Centre.

The CET is currently contributing to the e-learning domain and developing comprehensive training and consultancy packages to enable the faculty develop high quality instructional design. Over a period of nine years, i.e. from 2012 to 2021, these workshops reached out to a substantial number of engineering faculty at VNRVJIET (The list of workshops is given in Annexure). Supporting these activities, the Institute has a dynamic resource centre (Library) with an excellent collection of e-resources and books.

Understanding the need for training teachers in using ICT methods and with the expertise available in the Institute, VNRVJIET is poised to undertake the activities through Centre for Education Technology effectively.



Memorandum of Understanding

VNR Vignana Jyothi Institute of Engineering and Technology, has collaboration with IIT Bombay Spoken Tutorial Program. The IIT Spoken Tutorial Program has recognized VNRVJET as ***SPOKEN TUTORIAL*** IIT Bombay's ***Nodal Resource Centre (NRC) for Telangana Region***.

Spoken Tutorial is a video session explaining the subject with a screen cast and narration. It can be used for various topics and domains ranging from purely technical to mundane but common issues. For instance, one can explain how to register an account for online train ticket booking.

Spoken Tutorial has the potential to make India, an IT literate nation. "Spoken Tutorial is really beneficial for learners as it is Free and Open Source Software (FOSS). The tutorials are dubbed into various Indian languages.

Spoken Tutorial is part of Talk to a Teacher project of National Mission on Education through ICT under MHRD.

Key benefits:

- Excellent self-learning methodology
- Scale up of workshops is possible
- Can learn in a language of one's choice
- Can learn at a convenient pace
- Can learn at a convenient time





Achievements

- ❑ The centre is recognized as '**Nodal Resource Centre for Spoken Tutorials**'.
- ❑ Around 48 faculty members attended workshop on “Use of ICT in Education for Online and Blended Learning” conducted by IIT Bombay out of which 14 faculty members were awarded top performers & 12 faculty members were Conferred with “**Award of Excellence**” sponsored by SAP India Pvt. Ltd. and a cash prize of Rs. 5000/-.
- ❑ These faculty worked as **Associate faculty** for the AICTE sponsored FDP program on ICT Methods being conducted by IITB, as part of NMEICT Initiative for faculty across the Nation.
- ❑ The faculty members are now serving as mentors for FDP301x Mentoring Educators in Educational Technology.
- ❑ The Centre conducted various Workshops, Guest Lectures & FDPS on different topics related to ICT and other teaching learning methods.





PHOTOS





CENTRE FOR EDUCATION TECHNOLOGY



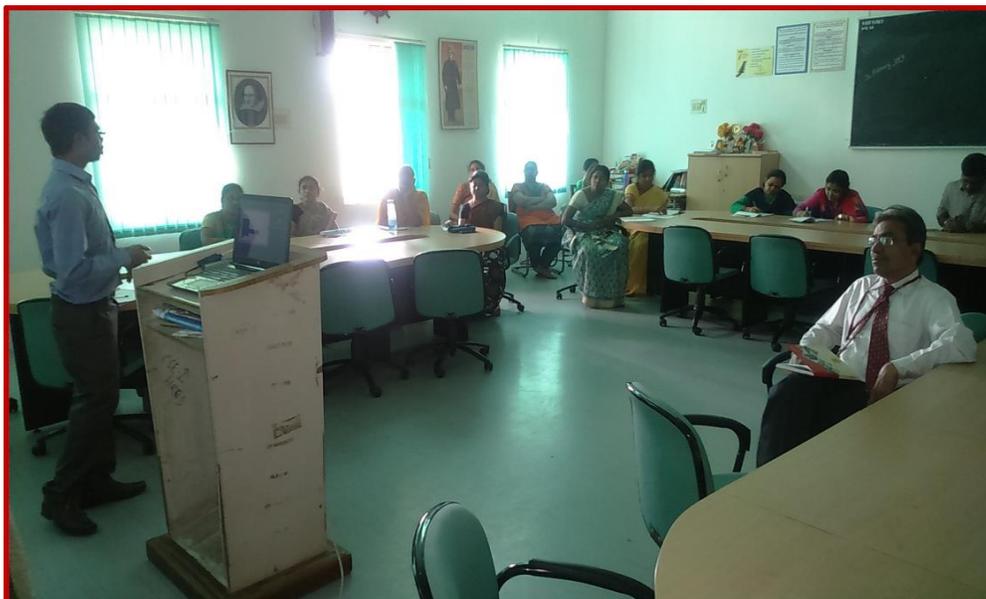


CENTRE FOR EDUCATION TECHNOLOGY





CENTRE FOR EDUCATION TECHNOLOGY



**CENTER FOR EDUCATION TECHNOLOGY
CONSOLIDATED INFORMATION**

Activities Conducted under CET

Sl. No.	Name of the Session/Workshop	Resource Person	Dates	No. of Participants	Outcome
1.	Bloom's Taxonomy & Think Pair Share	Ms. Prativa Rani Saha & Ms. S. Kanchana/ Assistant Professors, H&S	21 st Oct, 2016	32 faculty	Develop questions that require the development of thinking and reflection from the knowledge level to the evaluation level.
2.	Flipped Classroom	Dr. S. Nagini/Associate Professor, CSE	16 th Nov, 2016	30 faculty	Use flipped classroom methods to promote student-centered environment.
3.	Understanding the Global Education Framework and Technology in Education- Indian Perspective'	Dr. Mouttoucoumaran Viramouttu, Education Counsellor	26 th Nov, 2016	50 faculty	Create a system for Indian learners based on ancient wisdom and models so as to cater to the needs of Indian economy and curriculum.
4.	POGIL	Dr. Cliff Kussumaul, Associate Professor of Computer Science, Muhlenberg College	09 th Dec, 2016	60 faculty	Promote interdependence and involvement from everyone and the students work well for guided-inquiry and problem-solving activities.
5.	Open Education Resources	Dr. Indira Koneru, Faculty Member, E-Learning Department, IBS, ICFAI Group	19 th Jan, 2017	30 faculty	Disseminate information quickly and apply knowledge in a wider context.
6.	Spoken Tutorials	Ms. Shyama Iyer, National Coordinator, Spoken Tutorials	27 th March, 2017	35 faculty	Highlight that this form of distance education method is highly conducive to self-learning.
7.	MOOCs	Dr. G.R.K. Murthy,	27 th March, 2017	35 faculty	Offer countless online learners the

		Principal Scientist, NAARM			opportunity to learn new skills and expand their knowledge base for quite some time.
8.	Plickers	Dr. T. Jayshree, Prof & HOD – H&S & Dr. Suchi Tiwari, Assistant Professors/ES	05 th May, 2017	H&S faculty	Recognize Plickers as a real-time formative assessment tool that teachers can use to enhance assessment of student learning in physical education settings.
9.	Exploring Moodle Functionality for Blended Learning	Dr. Indira Koneru, Faculty Member, eLearning, IBS, ICFAI Group	26 th & 27 th May, 2017	30 faculty	Combine face-to-face instruction with computer-mediated instruction, blended-learning, and increase the options for better quality and quantity of human interaction in a learning environment.
10.	FDP on Instructional Design and Delivery Systems	Dr. E.S.M. Suresh, Course Coordinator, Dr. G. Janardhanan, NITTTR, Chennai, Dr. V. Uma Shanakar Sahu Head i/c Extension Centre, Hyderabad	11 th -16 th Dec, 2017	42 faculty	Use Various Tools of Online Courseware Development & understand the Basics of Evaluation and prepare various types of Questions in the Examination
11.	Workshop on POGIL	Dr. Cliff Kussumaul, Associate Professor of Computer Science, Muhlenberg College	23 rd July – 3 rd August, 2018	70 faculty	The Workshop has enlightened the faculty on the importance of implementing POGIL activities in a classroom for teaching different topics so that the students learn by doing and the class shifts from teacher-centered to student-centered.
12.	Workshop on LATEX	Dr. B. Rajasekhar	13 th - 14 th Dec,	33 faculty	The faculty were trained on how to

		Reddy, Asst. Prof/EIE, VNRVJIET	2018		use Latex and its various features on editing a text or document.
13.	3 – Day Workshop on Outcome Based Teaching, Learning & Assessment Strategies	Prof. B. V. Appa Rao, Professor (Retired), Teaching-Learning Centre, National Institute of Technology, Warangal,	25 th – 27 th June, 2019	40 faculty	Formulate learning outcomes for the course, being taught in the Cognitive domain and formulate Instructional Design by integrating active learning strategies, learning resources and assignments appropriate to the learning outcomes of any given topic.
14.	Sessions on Spoken English	Mr. S. Sanulla, Trainer, Soft Skills & Spoken English	04 th Nov – 28 th Dec, 2019	II B.Tech. & III B.Tech. Students	To help students improve spoken English skills and to enable them to communicate more effectively in English.
15.	Stress Management through Heartfulness Meditation	Representatives of Heartfulness Institute	7 th – 9 th Jan 2020	20 faculty	Controlling oneself and understanding the importance of Heartfulness Meditation - how it works as a stress reliever.
16.	Workshop on Proposal Writing	Dr. S. Kanchana, Asst. Prof., Dr. K. Neelaveni & Dr. D. Sudha Rani Assoc. Professors/H&S	06 th – 08 th Feb, 2020	22 faculty	The workshop focused on the different sections within proposals, practice writing selected components of a proposal, refine project proposal outline and what to include/how to write it.
17.	Workshop on Proposal Writing	MS. Prativa Rani Saha Dr. Rachel Mr. Prudhvi, Asst. Profs, H&S	10 th -12 th March, 2020	20 faculty	Craft language that cuts through information overload, so your proposal is crisp and readily understood.
18.	Webinar on opening a YouTube channel and Google Drive	Dr. C. Thirimal Asst. Profs, H&S	23-7-2020	34 faculty	Opening a YouTube Channel – Upload videos on YouTube channel - Upload files on Google drive –

					Sharing the link of file uploaded on Google drive are understood.
19.	Webinar on Google Form	Dr. N. V. Suresh Kumar Asst. Profs, H&S	27 - 7-2020	16 faculty	Creating a google form for quiz test and survey - Uploading equations to the Google form using an online website: EQNEDITOR are understood.
20.	Webinar on MS Teams	Dr. A. Balavardhana Rao Asst. Profs, H&S	3-8-2-2020	34 faculty	Procedure of using MS Teams for online class teaching - Features of MS teams are understood.
21.	Webinar on MS Teams	Dr. A. Balavardhana Rao Asst. Profs, H&S	6-8-2020	34 faculty	Q&A Session - Doubts of faculty are cleared.
22.	Webinar on MS Teams	Dr. A. Balavardhan Rao Asst. Profs, H&S	10-8-2020	34 faculty	Interactive session on MS Teams: Faculty shared their screen and tested the features of MS teams.
23.	Webinar on Windows Journal	Dr. C.Thirmal Asst. Profs, H&S	10-8-2020	34 faculty	Use of windows journal to create and organize a hand written note using a pen tablet is understood.
24.	Webinar on OBS	Dr. C. Thirmal Asst. Profs, H&S	13-8-2020	34 faculty	Q&A session on recording video lectures using OBS software. Doubts of faculty are cleared.
25.	Webinar on Looms	Dr. Suchi Tiwari, Asst. Profs, H&S & Dr. T. Rajani, Asst. Profs, H&S	18-8-2020	34 faculty	Procedure of using the Looms website for capturing the screen, recording the video lectures, features and generating a link of the video lecture are understood.
26.	Webinar on PADLET & MENTIMETER	Dr. N. V. Suresh Kumar Asst. Profs, H&S	20-08-2020	29 faculty	Procedure of using digital tools for student reflection on learning,

					PADLET and MENTIMETER are understood.
27.	Webinar on MS Teams	Mr. P. Pavan Kumar Asst. Profs, H&S	20-08-2020	29 faculty	Setting a background screen for MS teams online sessions and procedure of using @forms and @polly for sending questions to participants while an online class is being organized, are understood.
28.	Webinar on MENTIMETER	Dr. K. Sharmila Rudramamba Asst. Profs, H&S	24-08-2020	35 faculty	Making an interactive presentation in online classes using MENTIMETER is understood.
29.	Micro Teaching Sessions	English faculty & Subject experts	14 th July to 20 th July, & 24 th August 2020.	46 Faculty	Organize and deliver a purposeful lesson
30.	Faculty Induction	Faculty from various depts.	7 th – 8 th September 2020	34 Faculty	Introduce the faculty to various initiatives of the Institute.
31.	NEP 2020: A Paradigm Shift in Content and Intent - A Look into Primary Education”	Ms. Shailaja Latchireddy, Principal, Abhaya - a Waldorf School. Ms. Seetha Murthy, Director - Education, Silver Oaks International Schools. Ms. J. Aruna Kumari, Principal, Vignana Jyothi Public School.	09 th October, 2020	80 Faculty	Highlight on the important aspects of NEP 2020.
32.	NEP 2020: A Paradigm Shift in Content and Intent - A Look into Higher Education”	Dr. Appa Rao Podile, Vice Chancellor, University of	21st November, 2020	50 Faculty	Highlight on the important aspects of NEP 2020.

		<p>Hyderabad. Prof. Kolluru V.L. Subramaniam, Department of Civil Engineering, IIT, Hyderabad. Dr. S.S. Mantha, Chancellor, K.L. University & Former Chairman, AICTE. Ramakanth Desai, President & Co-CEO, Happiest Minds Technologies & Former Senior Vice President, Wipro Technologies. Sanjiv Mehta, Advisor & Head Program Development, IBM Innovation Centre For Education.</p>			
33.	Art of Teaching	Kode Sandhya	27 th January – 01 st April 2021	48 Faculty	Understand various active teaching pedagogies and use them effectively in teaching.
34.	OBS Studio	Dr. C. Thirimal, Assistant Professor of Physics	5-05-2021	14 Faculty	Emphasized on the procedure of using OBS studio for video content generation
35.	Google form and MS office form	Dr. N. V. Suresh Kumar, Assistant Professor of Physics	6-05-2021	14 Faculty	Procedure of conducting online quiz test using Google form and MS Office.
36.	MS Teams	Dr. A. R. Balavardhana	10-05-2021	14 Faculty	Understood the procedure of

		Rao, Assistant Professor of Chemistry			conducting online classes using MS Teams
37.	Mentimeter	Dr. K. S. Rudramamba, Assistant Professor of Physics	18-05-2021	14 Faculty	Procedure of getting reflections from the students using the Mentimeter was explained.
38.	Padlet and OpenShot	Dr. N. V. Suresh Kumar, Assistant Professor of Physics	31-05-2021	14 Faculty	Procedure of getting reflections from the students using Padlet and editing the video content using OpenShot was explained.
39.	Micro Teaching	English faculty & Subject experts	17 th Aug, 2021-20 th Aug, 2021	20 Faculty	Organize and deliver a purposeful lesson.
40.	Induction Programme	Principal, Director & Deans & other experts	20 th Sep – 18 Oct, 2021	47 Faculty	Introduce the faculty to various initiatives of the Institute.
41.	Basic Writing Skills	Ms. Pratiba Rani Saha Dr. D. Sudha Rani Dr. S. Kanchana	11 th Jan, – 13 th Jan, 2022	20 Non – Teaching Staff	Assists in exploring ideas and to building connections.
42.	Induction Programme	Principal, Director & Deans & other experts	23 rd Feb – 7 th March, 2022	40 Faculty	Introduce the faculty to various initiatives of the Institute.
43.	Micro Teaching	Subject experts	31 st May, - 01 st June, 2022	10 Faculty	Organize and deliver a purposeful lesson.
44.	Micro Teaching	Subject experts	4 th – 8 th July, 2022	42 Faculty	Organize and deliver a purposeful lesson.
45.	Faculty Induction Programme	Faculty from various depts.	26 th Oct, 2022	84 Faculty	Introduce the faculty to various initiatives of the Institute.
46.	Reflections on Start-Up Mindset and Leadership Career	Vamsi Gottipati, Entrepreneur	25 th December, 2022	II & III B. Tech. Students	The essence of having start-ups, and create jobs.
47.	Faculty Induction Programme	Faculty from various depts.	11 th to 13 th January, 2023	84 Faculty	Introduce the faculty to various initiatives of the Institute.
48.	OER – Open Education	Ms. T. Sushumna Rao	18 th March, 2023	40 Faculty	Understood the significance of

	Resources				OERs can supplement textbooks and lectures and can create multimedia material such as videos to accompany text.
49.	FDP on Instructional Design and Delivery Systems	Dr. G. Janardhanan, NITTTTR, Chennai Dr. V. Shanmuganeethi	20 th – 25 th March, 2023	40 faculty	Use Various Tools of Online Courseware Development & understand the Basics of Evaluation and prepare various types of Questions in the Examination
50.	Faculty Training Programme on Happiness & Wellbeing	Ganesh Mandadi TEDx Speaker, Entrepreneur, Farmer, and Philanthropist Dr. C. Jyotsna Prof., Dept. of H&S Dr. N. Aruna Kumari Asst. Prof., Dept. of H&S Dr. Shuchi Tiwari Asst. Prof., Dept. of H&S Nikhil Chaudhary, Speaker & Nutritionist expertise in reversing diseases with Nutrition & Lifestyle	28 th and 29 th March 2023	31 Faculty Members	Understood happiness and wellbeing as the mental state of expression of positive emotions of the positive functioning and wellbeing of physical, psychological and social functioning.