



All India Council For Technical Education
Nelson Mandela Marg, Vasant Kunj, Delhi-110070

Report on DCP Lectures

1. Name of the Institute with complete address :- G. Narayanamma Institute of Technology & Science(For Women), Autonomous, Shaikpet, Hyderabad – 500104,Telangana
2. AICTE PID of the Institute 1-6234761
3. Details the Head of the institute:-

Name	Designation	Email Id	Mobile Number
Dr.K.Ramesh Reddy	Principal	principal@gnits.ac.in	9849422460

4. Name of DCP assigned by AICTE:-Timothy A Gonsalves
5. Date on which DCP Lecture was conducted:-9-11-22 A.N
6. Number of participants

i) Own Institute

Students	Faculty
6	76

ii) Other Institutes

Students	Faculty

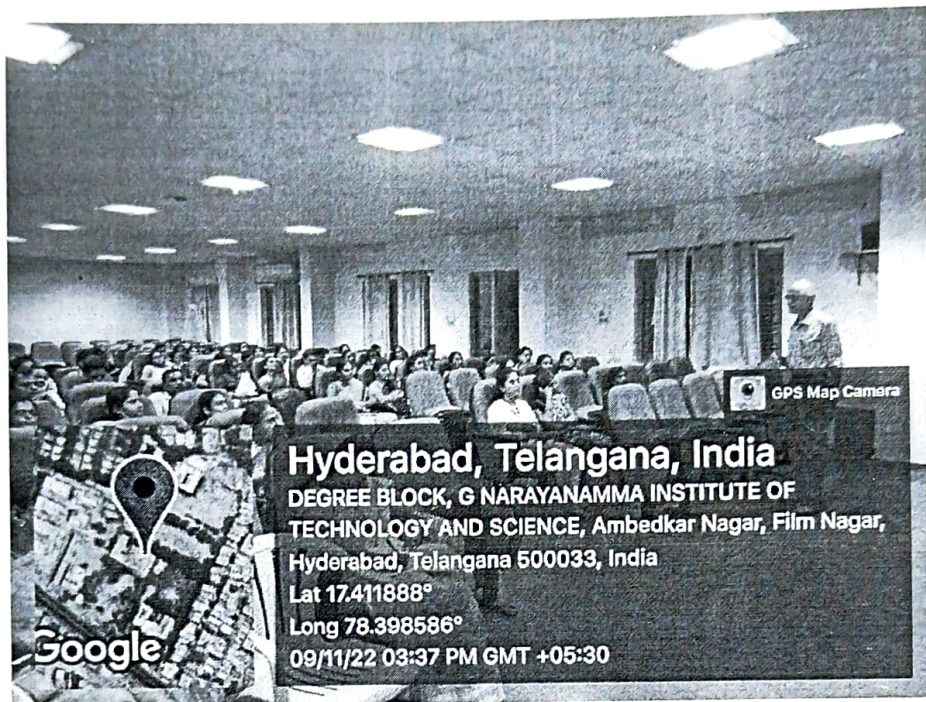
7. Title of DCP Lecture:- The Path To Innovation
8. Brief description of outcome of DCP lectures:-

During this session, Prof. Timothy sir explained the necessity for innovation with real time examples like printing press, Gutenberg press and transportation in cities etc.

The Participants were able to understand the Importance of Innovation in Engineering Field and steps to follow for starting any Innovative Project. Innovation can be learned by Literature survey..By doing Experiment and learning from mistakes and improving.

The participants also learned that Innovations are the result of group effort. The participants also learnt that how Innovation can be invoked in Academia. How to involve students in Innovations? The faculty also learnt how to get Funding from Funding Agencies in Academic Institutions.

Sir suggested to go through the book “WHERE GOOD IDEAS COME FROM : A natural History of Innovation” by Steven Johnson.All the faculty participated with great enthusiasm.



Prof. Timothy A. Gonsalves, DCP lecture on “Path To Innovation”

Date:

Place:

Head of Institute

(Signature)

PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104





All India Council For Technical Education
Nelson Mandela Marg, Vasant Kunj, Delhi-110070

Report on DCP Lectures

1. Name of the Institute with complete address :- G. Narayanamma Institute of Technology & Science(For Women), Autonomous, Shaikpet, Hyderabad – 500104,Telangana
2. AICTE PID of the Institute:- 1-6234761
3. Details the Head of the institute:-

Name	Designation	Email Id	Mobile Number
Dr.K.Ramesh Reddy	Principal	principal@gnits.ac.in	9849422460

4. Name of DCP assigned by AICTE:-Timothy A Gonsalves
5. Date on which DCP Lecture was conducted:-10-11-22 FN
6. Number of participants

i) Own Institute

Students	Faculty
283	6

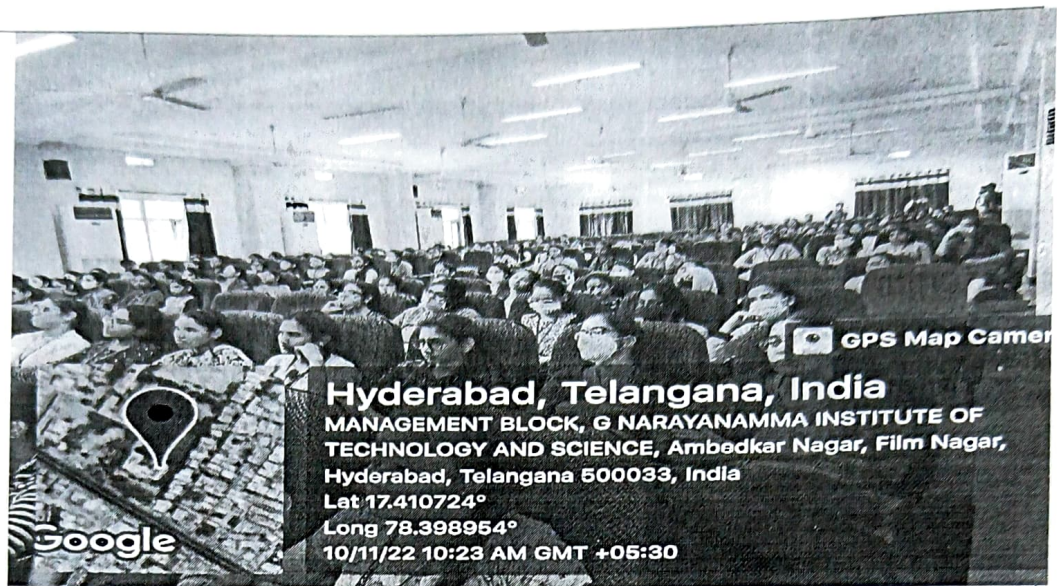
ii) Other Institutes

Students	Faculty
-	-

7. Title of DCP Lecture:- Internet: An Architecture for all times?
8. Brief description of outcome of DCP lectures:-

On the 10th of November forenoon session, Prof. Timothy, Former Director, IIT, Mandi, Himachala Pradesh, discussed on Internet revolution, usage, users, issues, challenges, advantages, its role in the present scenario with respect to technological advancements. He clearly discussed Router, End to Host Solutions, Router design, evolution in Internet. He tried to involve all the students to actively engage in the concepts he was explaining with examples.

Students learnt various advancements in Internet and problems faced by users and their solutions, role of Internet in R& D activities and how to get the funds from various R &D institutions. All the students participated actively in forenoon session with great enthusiasm and learned about different methods and techniques that can be used while using internet more interactive and effective.



Participants for the session on Internet: An Architecture for all times?
by
TimothyA Gonsalves

Date:

Place:


Head of Institute

(Signature)



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



All India Council For Technical Education
Nelson Mandela Marg, Vasant Kunj, Delhi-110070

Report on DCP Lectures

1. Name of the Institute with complete address :- G. Narayanamma Institute of Technology & Science(For Women), Autonomous, Shaikpet, Hyderabad – 500104,Telangana
2. AICTE PID of the Institute:- 1-6234761
3. Details the Head of the institute:-

Name	Designation	Email Id	Mobile Number
Dr.K.Ramesh Reddy	Principal	principal@gnits.ac.in	9849422460

4. Name of DCP assigned by AICTE:-Timothy A Gonsalves
5. Date on which DCP Lecture was conducted:-10-11-22 A.N
6. Number of participants

i) Own Institute

Students	Faculty
6	57

ii) Other Institutes

Students	Faculty
-	-

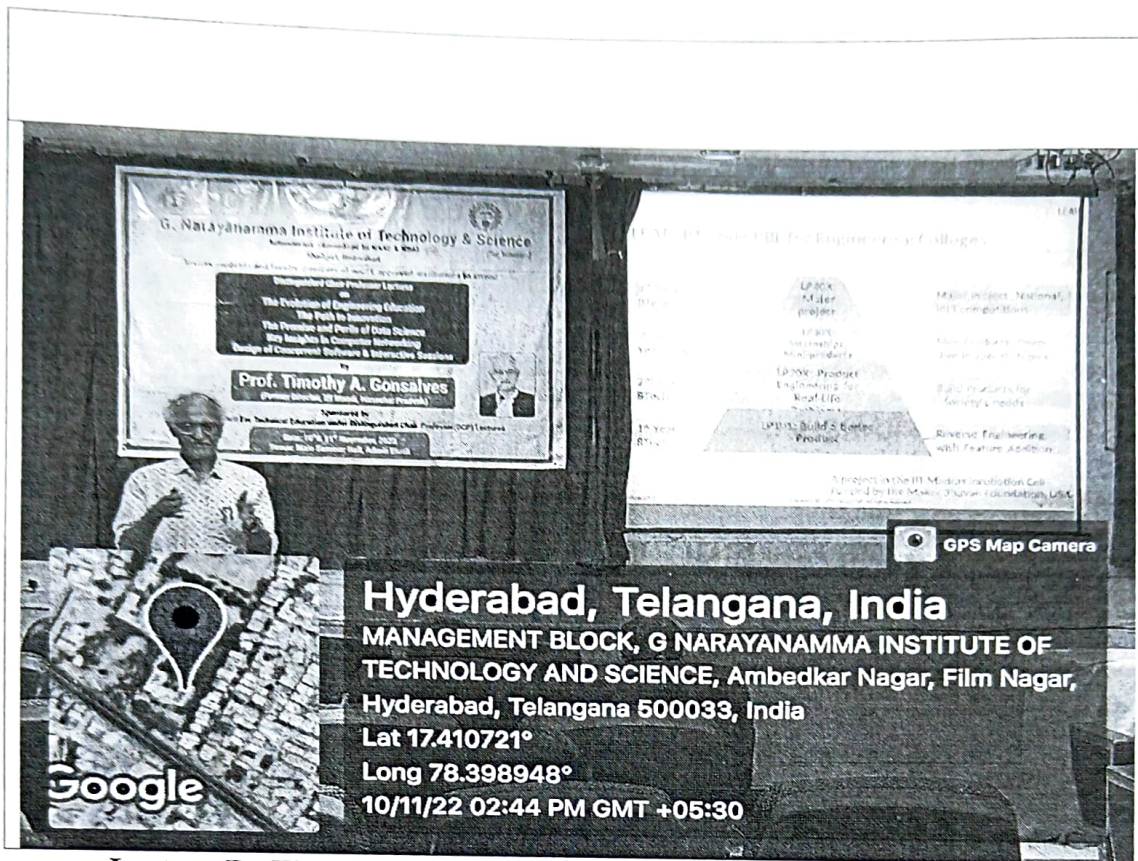
7. Title of DCP Lecture:- Evolution of Engineering Education
8. Brief description of outcome of DCP lectures:-

The speaker has enlightened on the changes that took place in the current education system with previous engineering education system. The speaker discussed the technology Ups and Downs, Success and failures of International Space Station. The discussion on how science and technology has given rise to wonderful innovations inspired all the faculty to move towards research enthusiastically.

The speaker also discussed topics like intuition of technology and society and the importance of hands-on experience projects Vs lab courses. The participants were motivated on Learning Engineering by Activity with Product (LEAP) and how Indian Engineering graduates can innovate useful products and technologies.

The Participants got awareness on Design-Oriented B.Tech curriculum and how to plan and design weekly schedule w.r.t theory and practicals and the participants were enlightened on rural finance that is used in NREGA and by several major banks. The Session has concluded with how design and Engineering Education plays a key role in the product designing and building.

The session will definitely benefit the faculty to apply and continue their implementation methodology and strategies discussed by the speaker and progress towards their research and help their students to do better in designing and building innovative projects as well.



Lecture By Timothy A Gonsalves on Evolution of Engineering Education

Date:

Place:

[Signature]
Head of Institute

(Signature)



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



All India Council For Technical Education
Nelson Mandela Marg, Vasant Kunj, Delhi-110070

Report on DCP Lectures

1. Name of the Institute with complete address :- G. Narayanamma Institute of Technology & Science(For Women), Autonomous, Shaikpet, Hyderabad – 500104,Telangana
2. AICTE PID of the Institute 1-6234761
3. Details the Head of the institute:-

Name	Designation	Email Id	Mobile Number
Dr.K.Ramesh Reddy	Principal	principal@gnits.ac.in	9849422460

4. Name of DCP assigned by AICTE:-Timothy A Gonsalves
5. Date on which DCP Lecture was conducted:- 11-11-2022(FN)
6. Number of participants

i) Own Institute

Students	Faculty
200	10

ii) Other Institutes

Students	Faculty
-	-

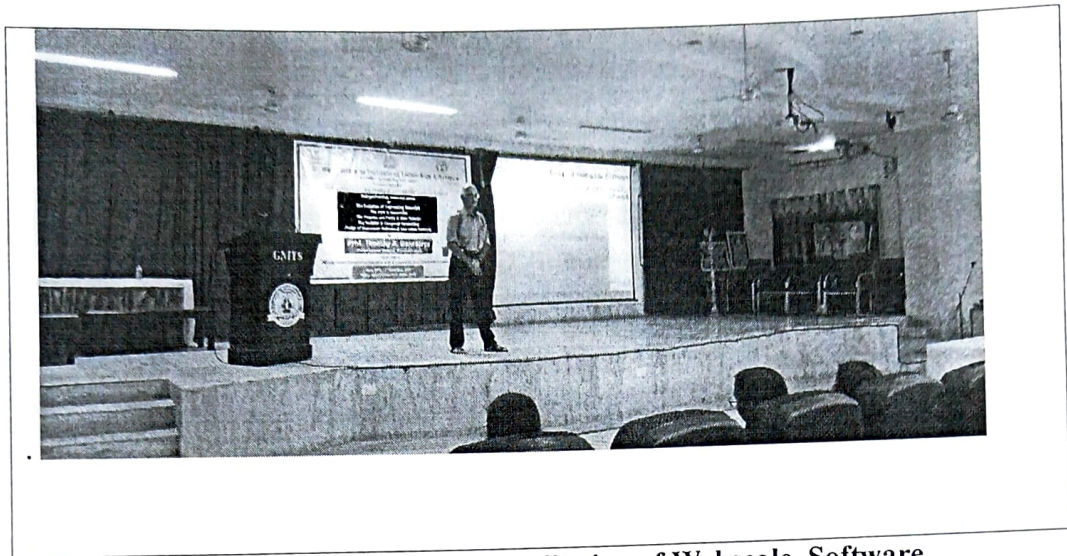
7. Title of DCP Lecture:- Design of Webscale Software
8. Brief description of outcome of DCP lectures:-

A Lecture on “Design of Webscale Software” have been conducted on 11-11-2022 from 10AM -11.30AM by Prof Timothy A Gonsalves. A total of 200 Students from GNITS of CSE and IT branch have attended this Lectures.

Students got a good understanding on Web scale IOT applications, Nature of Web-Scale Applications,(load, latency or delay, Data and Reliability),Von Neumann Architecture,, Multi –Core-. Cloud Computing, Tyranny of Latency, Living with Latency,etc.

Students were also exposed to clear understanding on Distributed Software: Client –Server, Worker Pool-,Resilient Software design, Message-Passing Semantics. Apache Storm-open source stream processing frame work-Widely used ,including Twitter and Challenges: variable load ,high latency, failures,,etc.

The session was very interesting & Interactive



Timothy A.Gonsalves Lecture on Design of Webscale Software

Date:

Place:

Head of Institute

(Signature)



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104



All India Council For Technical Education
Nelson Mandela Marg, Vasant Kunj, Delhi-110070

Report on DCP Lectures

1. Name of the Institute with complete address :- G. Narayanamma Institute of Technology & Science(For Women), Autonomous, Shaikpet, Hyderabad – 500104,Telangana
2. AICTE PID of the Institute:-1-6234761
3. Details the Head of the institute:-

Name	Designation	Email Id	Mobile Number
Dr.K.Ramesh Reddy	Principal	principal@gnits.ac.in	9849422460

4. Name of DCP assigned by AICTE:-Timothy A Gonsalves
5. Date on which DCP Lecture was conducted:-11-11-22 A.N
6. Number of participants-

i) Own Institute

Students	Faculty
148	6

ii) Other Institutes

Students	Faculty
—	—

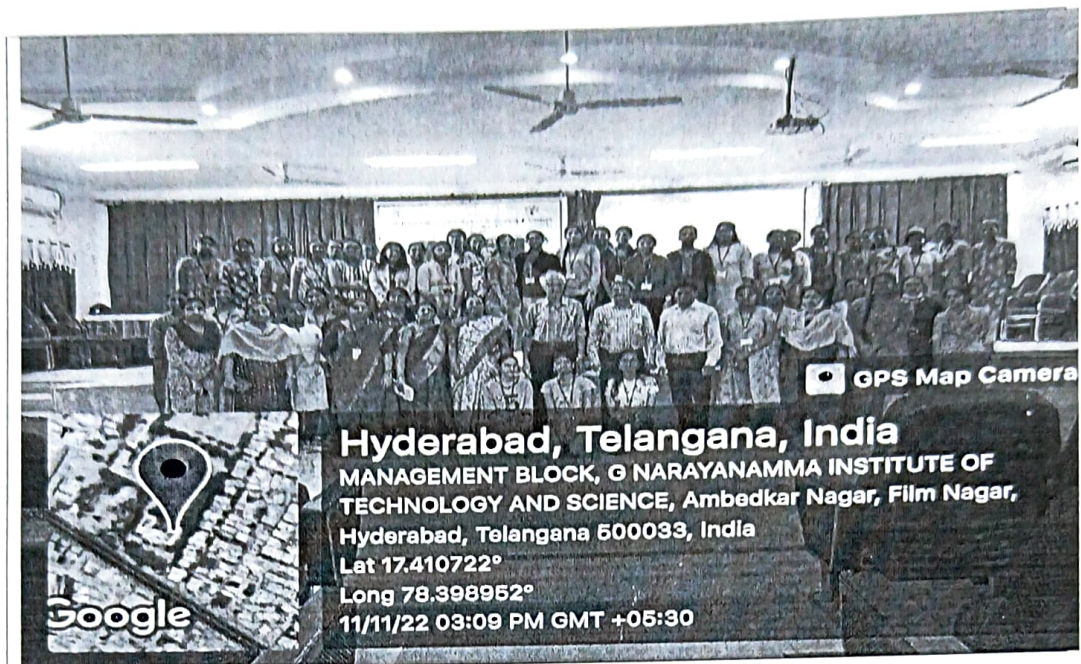
7.Title of DCP Lecture:- The Promise and Perils of AI&ML .

8.Brief description of outcome of DCP lectures:-

On the 11th of November Afternoon session, Prof. Timothy A.Gonsalves discussed the concepts of AI/ML and Data Science and examples related to AI/ML and Data science.Sir also discussed about the importance of Face Recognition in social media, Recommendations in online shopping, and Landslide prediction. Sir also discussed about Precision Farming, Design of structures, Weather prediction, Medical diagnosis, Design of new materials, drug molecules, etc...

By his lectures, students understood AI/ML and Data Science concepts and how to use AI/ML and Data Science for solving some problems in society. Students, examined the fundamental laws that have enabled the AI/ML revolution. Considering examples, students look at the benefits of AI/ML and examine potential pitfalls that could harm society.

All the Students participated in this session with great enthusiasm and learned about different methods and techniques that can be used in AI&ML to make the class more interactive and effective.



Timothy A Gonsalves with Participants On 11-11-22 A.N

Date:

Place:


 Head of Institute

(Signature)



PRINCIPAL
G. Narayanamma Institute of
Technology & Science (for women)
(AUTONOMOUS)
 Shaikpet, Hyderabad - 500 104