

St. Joseph's Degree & P.G College

(Autonomous), Affiliated to Osmania University
Re-accredited by NAAC with A Grade with CGPA 3.49
A Catholic Christian Minority Institution
King Koti Road, Hyderabad

DEPARTMENT OF COMPUTER SCIENCE Academic Year 2020 – 2021

NAME OF THE EVENT : International Guest Lecture on Agile Model in Software Development

OBJECTIVE OF THE EVENT : To know about agile methods.

OUTCOME OF THE EVENT : To be aware of the Agile models and methodologies used in Software Product development and the models that are used presently in the software industry.

DATE: 26-NOV-2020

TIME, & VENUE: 2:00 PM – 3:30PM, Google Meet

NO. OF PARTICIPANTS: 93

STUDENT NAME	COURSE / CLASS
AELAY VISHAL	BComIII(IT)
ZULFEQAR ALI KHAN	BComIII(IT)
Anamika Das	BComIII(IT)
M S BHARATH	BSc(MSCs)
N.ESHWAR KUMAR B	BComIII(IT)
121420401107 BCom(Generals)	B.Com(GEN)
AAKANKSHA PRAKASH	BBA III
ABRAR ALI	BBA III
ALIZA NIZAR DOSANI	BComIII(IT)
ANSHU PUNIA	BBA III
BALAGONI RAVINDER YADAV	BSc(MPCs)
BHOSALE MANOJ KUMAR	BBA III
DADYREDDY DHEERAJ KUMAR	BSc(MsCs)
DHANESHWARI JAIN	BComIII(IT)
GADDAM SANTOSH KUMAR	BSc(MSCs)
GADDAM SATYA BHARATHI	BSc(MPCs)
HABEEB RAZA MEGHANI	BBA III
JILLA DINESH GUPTHA	BSc(MECs)

KOMMUNURI MANOJ KUMAR	BSc(MPCs)
KRIYA JAIN	BComIII(IT)
KUNKUMA VAMSHI	BSc(MSCs)
KUNKUNURI TARUN	BSc(MSCs)
LOLITA JAIN	BComIII(IT)
M GAYATHRI	BBA III
M SAI VAISHNAVI	BBA III
M. SARADA TILAKAM	BBA III
Meghana Lopinti	BCOM(3IT)
MOHAMMED ADIL SHARIF	BSc(MSCs)
Mohammed Naseer	B.SC(MPCS) III
MUNGANURU HARINI	BBA III
MURLESH AGARWAL	BBA III
N POOJA YADAV	BSc(MECs)
NIDHI JAIN	BComIII(IT)
P SUSHMA	BSc(MSCs)
P YUVA RANJANI	BSc(MECs)
P. SAI CHARAN	BComIII(IT)
PEDDINTI SWAPNA	BSc(MPCs)
POOJA GUPTA	BBA III
Pranit Edla	BBA III
PUNURU JOHN ISAAC	BSc(MPCs)
RAMA PRAVALIKA	BBA III
RATNANI SAHIL	BComIII(IT)
REDDYGARI MANEESH REDDY	BSc(MECs)
RITHIKA AGARWAL	BBA III
RUDRAKSH TOSHNIWAL	BBA III
Ruthvika Reddy Chinthakuntla	BBA III
S .SAI AKHIL	BSc(MSCs)
SANJANA GOEL	BComIII(IT)
SHEELA PAVANI	BBA III
SHREE VEENA	BBA III
SHREYA PANDREY	BComIII(IT)
SIDDHANT KHANCHANDANI	BBA III
sjc BBAIT22	BBA III
Sjc BBAit58	BBA III
SOHAIL BIN ABDUL	BSc(MECs)
SYEDA FIRDOS FATIMA	BBA III
TEJAVATH JEEVITHA	BSc(MPCs)
VALLAM RAJANISH	BBA III
VATTURI APOORVA	BSc(MSCs)

121420405016 BCom(IT)	BComIII(IT)
AMISH JEWANI	BSc(MSCs)
G KEERTHANA	BSc(MPCs)
J L STEENA	BComIII(IT)
K LIVINGSTON	BComIII(IT)
KAPPALA RUCHIKA	BSc(MSCs)
Kavi Raj Vedi	BSc(MPCs)
RENUKUNTA NIKITHA	BSc(MSCs)
SHILPI SAO	BComIII(IT)
SURJAN VIJAY KUMAR	BSc(MPCs)
G.AKSHITHA BSc(MPCs)	BSc(MPCs)
S ANIRUDH	BComIII(IT)
SJCBBA IT059	BBA III
A JAGANNATHA SHAH	BBA III
GORANG SUGANDHI	BComIII(IT)
PAGADALA SAI SHARAN	BSc(MPCs)
RESHMI VERMA	BComIII(IT)
GANGULA LAYA SREE	BSc(MSCs)
ALPHONSA THADEVOOSE	BBA III
POOJA N MEHTA	BComIII(IT)
RIMAL PARVATHI	BBA III
121420405052 BCom(IT)	BComIII(IT)
A. MANI TEJA	BSc(MECs)
ANVESH ARAGONDA	BSc(MSCs)
bcomit roll	BComIII(IT)
HIMANSHU BSc-MPCs	BSc(MPCs)
MADHUR AGARWAL	BBA III
MANTRI ARAVIND	BSc(MECs)
SHAMA NIZARALI RAVANI	BComIII(IT)
MRINALIKA MSCs	BSc(MSCs)
RSS NITHIN	BCom(Comp)

LIST OF FACULTY CO-ORDINATORS:

1	Srikanth Sunkara	Convenor
2	Kiran Jyothi	Head of the Department
3	Haripriya Kasaraneni	Faculty Coordinator
4	Iqac St.Josephs	Faculty Coordinator
5	Shailaja Reddy	Faculty Coordinator
6	Swathi Chintavatla	Faculty Coordinator
7	TVG Sridevi	Faculty Coordinator
8	Sundeep Kadamandla	Faculty Coordinator

TARGET AUDIENCE: All science students and Faculties

NAME AND DESIGNATION OF RESOURCE PERSON:

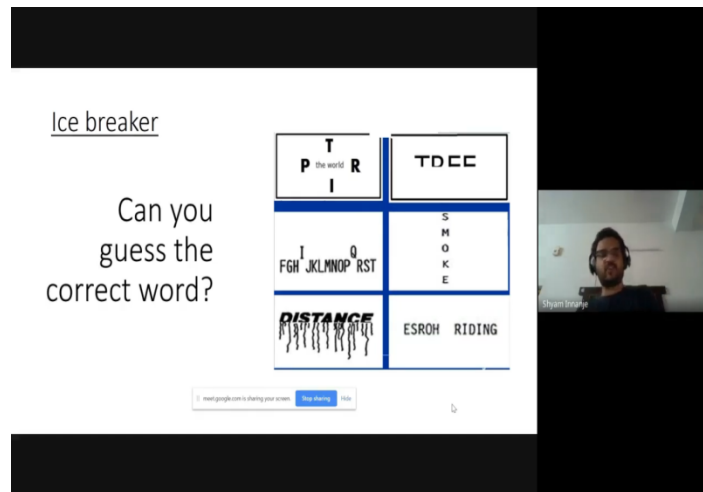
Mr. Shyam Prasad Innanje, Cognizant Technology Solutions, US Corp, Atlanta, Georgia.

A BRIEF REPORT:

The lecture began with a brief introduction of the speaker, Mr. Shyam Prasad. He introduced the methodology followed traditionally in order to develop a Software Product. He then discussed the possible disadvantages / drawbacks in the traditional approach and the benefits of following Agile Models.

Mr. Shyam took many examples to make the concept better understood. The session was very interactive and later followed by a questions answering session. The speaker was very patiently answering all questions from the audience and the students were much inquisitive.

PHOTOGRAPHS:



Course Outcomes

This session will provide an introduction to Agile

After completing this session we will:

- Be able to understand Agile
- Be able to identify the difference traditional approach vs agile approach
- Be able to identify one framework Scrum (most popular one)

12/04/2020

1 meet programm is sharing your screen New Meeting Done

Agile Framework Overview

Traditional Approach - SDLC

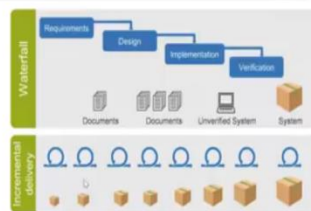
Scenario - Either you are working for an organization or you are running your own startup company or you are executing your final year project work.....
(Delivering a service/product/project/solution to customers)

How do you execute this?..... There is no right or wrong here... just want you all to collaborate...

Need 2-3 volunteers/champions

Traditional Approach – observation/challenges

Agile economics: Deliver early and often



Dr. Winston W. Royce - "I believe in this and invites failj" meet programm is sharing your screen New Meeting Done

- Because of corrections coming from running the system

What is Agile?

Simplest and purest explanation of agile is – “being able to move quickly and easily”

- It's a “mindset” - [Play mindset exercise/game](#)
- It's a “empirical process” based on evidence, facts.
- It's an “iterative process”, delivering value “incrementally”

Example scenario – Son, you know when dad arrives from work, very hungry?

What you guys will do?.....

[Watch presentation on defining your vision](#) [View Slides](#) [View](#)



Why Agile? - Benefits



[Watch presentation on defining your vision](#) [View Slides](#) [View](#)



Agile Model in Software Development (2020-11-26 at 00:32 GMT-8)

Why Agile? - Benefits



[Watch presentation on defining your vision](#) [View Slides](#) [View](#)



Agile Manifesto – 12 Principles - <http://agilemanifesto.org/principles.html>

12 AGILE PRINCIPLES

- 01** Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
- 02** Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- 03** Deliver working software frequently from a couple of weeks to a couple of months, with a preference to the shorter timescale.
- 04** Business people and developers must work together daily throughout the project.
- 05** Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
- 06** Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- 07** Working software is the primary measure of progress.
- 08** The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
- 09** Continuous attention to technical excellence and good design enhances agility.
- 10** Simplicity – the art of maximizing the amount of work not done – is essential.
- 11** The best architectures, requirements, and designs emerge from self-organizing teams.
- 12** At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

11/26/2020

Agile Framework Overview

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