

FACULTY PROFILE

Grinal Merwin Tuscano (grinaltuscano@sfitengg.org)

Assistant Professor
Information Technology

❖ Date of Joining the Institute : **16/06/2006**

❖ Education :

- M.E. Information Technology
Vidyalankar Institute of Technology (VIT, Vadala), 2013
Thesis Title: Policy Based Resource Allocation For Virtual Machines Using Xen Hypervisor
- B.E. Information Technology
St. Francis Institute of Technology, Borivli, 2005
Project: Placement.com

❖ Total Experience in Years : **11 Years 6 Months (16/12/2017)**

A. Teaching : **11.6 Years**

- Assistant Professor: 9.6 Years
- Teaching Assistant: 02 Years

❖ Courses Taught:

- Storage Area Network (PG Level)
- Cloud Computing (UG Level)
- Operating System (UG Level)
- Automata Theory (UG Level)
- Software Testing & Quality Assurance (UG Level)
- Web Technologies (UG Level)
- Open Source Technologies (UG Level)

❖ Skill Sets:

- Application software: JFLAP, Drupal, QTP.
- Computer language: C, C++, HTML, PYTHON, SHELL Scripting

❖ Research Advisor in field of

- Information Technology
- Computer Engineering

❖ Active Research in

- XEN Hypervisor for Virtualization

- Authentication system using Pass faces
- IoT
- Cloud Computing

❖ Professional Memberships : **ISTE** (Life Membership)

❖ Projects Guided :

- B.E Project: **23**

❖ Academic Duties :

- Convener, Time Table Committee at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2014-2015.
- Coordinator, Mosaic 2015, Tech Fest at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2015.
- Coordinator, IRIS 2016, Cultural Fest at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2015.
- Member Cultural committee, AICom committee St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2016.
- Coordinator, Mosaic'17, TechFest at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2017-18.
- Coordinator, ITSA, Information Technology Student Association, St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2017-18.
- Coordinator, IRIS 2018, Cultural Fest at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2017-18.

❖ Interaction with Professional Institutions :

- University of Mumbai as Paper Setter
- University of Mumbai as Examiner and Moderator

❖ Invited Talks:

- Knowledge sharing sessions – Faculty webinar on “**Internet Of Things – Applications of IOT**” organized by Infosys-Campus Connect, Pune, August 10, 2015.
- Conducted a workshop on “**Drupal Hands on**“ under **ITSA** at St. Francis Institute of Technology (SFIT) Mumbai- 400 103, Academic Year 2017-18.

❖ R&D Activities:

A. Continuing Education Programs

- Successfully completed with Distinction **NPTEL** online certification course on **Internet of Things**, an online learning initiative of Indian Institute of Technology Kharagpur, October 22, 2017.
- Successfully completed with First class **NPTEL** online certification course on **Cloud Computing**, an online learning initiative of Indian Institute of Technology Kharagpur, October 22, 2017.

- Reviewer for Fourth International Conference on Transformations in Engineering Education ICTIEE 2017, IUCEE
- Successfully completed SKANI101xA: Basic **3D animation using Blender** a course of study offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay, conducted between 01 June - 06 October 2016.
- Two Days “**IT For Society Colloquium**” course at St. Francis Institute Of Technology, Mumbai, Jan 29th & 30th 2016.
- Two Days ISTE approved “**PhD PREPRETORY**” course at St. Francis Institute Of Technology, Mumbai, Jan 8th & 9th 2016.
- Knowledge sharing sessions – Faculty webinar on “**Internet of Things – Applications of IoT**” Organized by Infosys - Campus Connect, Pune, August 10, 2015
- Two week ISTE STTP on “**INTRODUCTION TO DESIGN OF ALGORITHMS**” conducted by IIT Bombay at SFIT from 27th April to 30th May, 2015.
- One day FIP on “**CLOUD COMPUTING, BIG DATA & VIRTUALIZATION**” conducted by TATA Consultancy Services, held on 10th April 2015 at SFIT.
- Completed **Phase II** of project **GENTLE**, Dec 2014.
- Completed **Phase I** of project **GENTLE**, Oct 2014.
- Two Weeks ISTE workshop on **COMPUTER NETWORKING** conducted by IIT Bombay at SFIT. From May 28th to July 5th, 2014.
- AICTE approved two week graded faculty development program on **VIRTUALIZATION, CLOUD COMPUTING & BIG DATA** at VIT (9th Dec to 20th Dec 2013).
- TEQIP II Sponsered One Week Workshop on **INFORMATION SECURITY & FORENSIC ANALYSIS** at VJTI, Matunga. From 21st to 25th Oct 2013.
- INTERFACE 2013 one Week Workshop on **CLOUD COMPUTIN** under aegis of TEQIP at VJTI, Matunga. From 5th to 9th April 2013.
- Two days ISTE Workshop “**RESEARCH METHODS IN EDUCATIONAL TECHNOLOGY**” conducted by IIT Bombay at SFIT on 2nd & 9th Feb 2013.
- One Week ISTE approved STTP on **PERSONAL AND PROFESSIONAL DEVELOPMENT FOR TECHNICAL TEACHERS** (ILLUME 2010) at SFIT, Borivli. From 4th to 8th Jan 2010.
- Two Week ISTE approved STTP on **ADVANCE LINUX PROGRAMMING** at Vidyavardhini's College, Vasai. From 22nd to 3rd July 2009.
- One Week ISTE approved STTP on **SOFT COMPUTING TECHNIQUES** [SCT-2008] at SFIT, Borivli. From 15th to 19th Dec 2008.

- ***SOFT SKILLS WORKSHOP*** held at Infosys Technologies, Pune. From Oct 28th to Nov 2nd, 2007.
- One Week ***COURSE ON JAVA WITH OPEN SOURCE & IBM TOOLS*** at SPIT, Andheri. From 11th to 14th July 2007.
- National level Project Showcases & Competition- ***MIND'S EYE*** at SFIT, Borivli. From 16th 17th April 2007.
- One ***FACULTY INDUCTION PROGRAMME*** at SFIT, Borivli. From 19th June to 1st July 2006.

Grinal Tuscano

