



JANUARY - JUNE 2017 JANUARY - JUNE SUNYA LABS

SUNYA LABS was established in 2017 at Rajagiri School of Engineering & Technology. At Sunya labs, the institute provide 3 main facilities – High Performance Computing Laboratory (HPC Lab), Cloud Computing Lab and Fab Lab.

The HPC system at RSET has a computing power of up to 6.1 TFLOPS, catering to the ever-increasing demands of high performance computing for scientific and Industrial research.

A Fab lab (fabrication laboratory) is a small-scale workshop offering digital fabrication. Fab Lab is the educational outreach component of MIT’s Center for Bits and Atoms (CBA), an extension of its research into digital fabrication and computation. A Fab Lab is a platform for learning and innovation: a place to play, to create, to learn, to mentor, and to invent.

The cloud computing lab contains OpenStack software which controls large pools of compute, storage, and networking resources throughout a datacenter, managed through a dashboard or via the Open-

Stack API. OpenStack works with popular enterprise and open source technologies making it ideal for heterogeneous infrastructure.



MEET THE PEOPLE

<i>Fr. Dr. Jaison Paul Mulerikal</i>	<i>Jose Steevson Rodrigues</i>
<i>Joseph John</i>	<i>Mrudhul Mohan</i>
<i>Hareesh M J</i>	<i>Jeff Boban</i>
<i>Sandy Joseph</i>	<i>Sona C P</i>
<i>Joish George</i>	



ACHIEVEMENTS !!!

RSET Badminton women team won the KTU D Zone inter collegiate & KTU Interzone Badminton Championship.

The Following are the team members from CSE:-

<i>Ansu Babu Moonjely</i>	<i>S4 CSE</i>
<i>Maqboola Sulthana</i>	<i>S4 CSE</i>

Ashly George from S6 CSE attended SAKURA, Japan -Asia Youth Exchange Program in *SOJO University Japan* from 05th to 13th march 2017

Icebin Issac from S8 CSE is attended an Internship Programme in *HIDA Matsue project Japan* from 16th - 27th January 2017.

Kavya Rajagopal from S6 CSE participated in Noopura(MG University)arts fest in February 17 and got first position in Bharathanaatyam and Folk Dance, Third position in KeralaNatanam.



NEWS AND EVENTS

► Department association Cyberblitz organized a debate competition 'Cyber Thoughts' and the topic was "Technological Advancements and Health Issues" on 1st February 2017.

► A Multimedia based technical Quiz – "CyberQ" and a Team building activity – "Renuntio" was organized for the BTech students on 22nd February 2017.

► A Wikipedia based data mining competition – 'WikiClick' and a Web designing competition – 'Webbed' was organized on 31st March 2017.

► A Student Orientation Programme was organized for S2 M.Tech. CSIS students by the department on 13th and 17th January 2017.

► The department Training cell organized a Workshop on NS2 on 27th January 2017 for the B.Tech students and the resource person was Dr Viju Prakash.

► The department Training cell organized a Workshop on MATLAB for B.Tech students on 30th and 31st January 2017 and the resource persons were Ms. Saritha S (Dept. of IT) and Ms. Dincy Paul.

► The department Training cell organized a Workshop on Big Data Analytics in association with Rajagiri Pro-Academy on 17th and 18th Feb 2017 for S6 and S8 students.

► A course on "Training on LaTeX Editor" was organized for the M.Tech students on 19th April 2017 and the resource persons were Ms. Jisha Mary Jose and Ms. Dincy Paul.

► A talk on "Time Management" by Prof. K.S. Mathew on Saturday, 25th March 2017 for faculty and M.Tech students of the department.

► "A talk on motivation for Research" by Fr. Dr. Jaison Paul Mulerickal, as part of the department research seminar series on 29th April 2017 at Sunya Labs.

► A talk on "Introduction to Vulnerability and Penetration Testing" by Prof. K S Mathew as part of the department research seminar series on 9th May 2017 at Sunya Labs.

► A Git Server was successfully setup with a very good Web interface (GitLab) for the benefit of students and faculty members by Mr. Jayarajan J N and a batch of BTech students on 5th February 2017.

► The Sunya Labs – a centre of excellence in advanced computing and communication was setup and inaugurated on 30th March 2017. The main task master was Fr. Dr. Jaison Paul, Dept. of CSE. The workforce behind its successful installation includes Mr. Joish George, Mr. Joseph John etc from the department.



Mr. Jayarajan J N



Dr. Sivaram M



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Illustrations: Nithin P Vijayan