P K M Educational Trust®

R R Institute of Technology
Department of Information Science & Engineering

INSPIRE- Newsletter

Volume—2,Issue-1   August 2017 –December 2017

From Principal's Desk

I am happy to know that Department of ISE has come up with Third edition of newsletter. I wish them all the best in their future initiatives.

Dr M. S. Bhagyashekar
Principal, RRIT

From HOD's Desk

We are glad to present 3rd Edition of InSpirE, the ISE Newsletter Aug – Dec 2017. Congratulations to Team InSpirE for their effort and dedication

Dr Madhu B. K.
Prof and Head, ISE

From Editor's Desk

It is with immense pleasure and honor we are presenting 3rd edition of the ISE department newsletter "InSpirE.". InSpirE mirrors department activities, events and achievments. In this edition, we have tried to capture Excitements from August 2017 to December 2017. I hope   "InSpirE" inspires

Prof. Swetha K B
Assistant Professor,
ISE & Editor, InSpirE

Dreams and dedication are a powerful combination

INSPIRE- Newsletter

About Department

Brief RRIT-ISE consistently works on research initiatives towards newer technological concepts and also in improving teaching abilities. Department of ISE is known for its best faculty, creating the best possible education, which is based on their innovative and core research. Department has been nominated as Best Performing department at RRIT for 4 consecutive academic years of 2012-13, 2013-14, 2014-15 and 2015-16,2016-2017.

Vision

To become a provincial leader in technical education, in the field of Information Technology in the affiliated university by 2020

Mission

To seek solution to imperative global problems and educate future leaders who will make the world a better place to live by using the power and concept of engineering principles, techniques and systems.

Goals

Our key goals are to:

1. Prepare information professionals who demonstrate excellence in leadership, service, research and education in a technology-driven world
2. Deliver world-class, research-based education to students and ICT based training to scholars from academia, industry and society
3. Maintain a supportive and flexible learning environment to accommodate students individual backgrounds, needs and aspirations
4. Contribute to professional, academic and public interests through consulting continuing education and leadership

Departmental Activities

1. "Entrepreneurship Awareness Camp" was organised by Prof M Suneetha under ED Cell on 12th -14th October 2017.
2. Prof.Swetha K B has attended 5 days FTP on "Mobile Application Development "at SVCE college , VTU in association with Google Developers on 18 th Dec to 22nd Dec 2017.
3. Technical workshop on "Apple Mobile App Development"was organised by co-ordinator Prof Gautham V S on 16th August 2017.
4. All Faculties of the department participated in "Quality Improvement Program on Research Methods" on 14th October 2017,RRIT,Bengaluru.
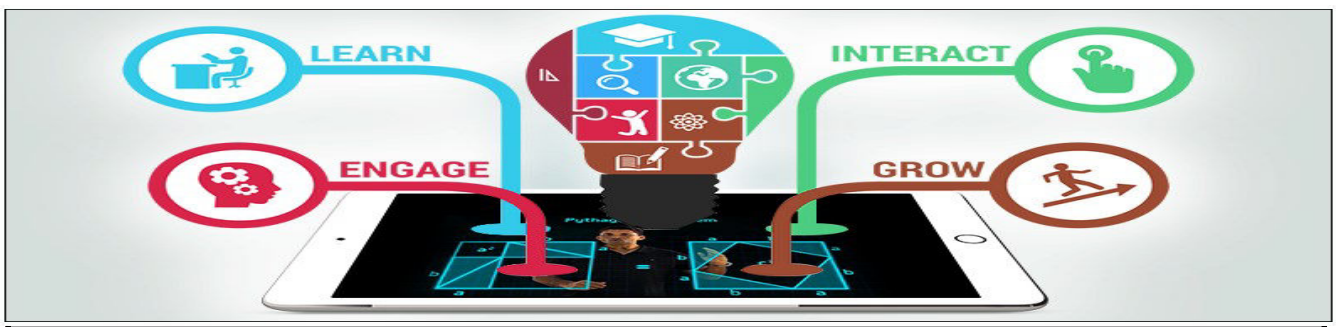5. All Faculties of the department participated in FDP on PO,PSO,CO attainment on 18th November 2017,RRIT,Bengaluru.

INSPIRE- Newsletter

Achievements / Events
Paper Publications for the Semester

1) Prof. Suneetha M published research paper on "A study on improving Query performance using Bucketing in Apache Hive"1098962, IJSER, Volume 8, Issue 4, April 2017 edition (ISSN 2229-5518).

2) Prof. Suneetha M published research paper on" An Innovative model for Optimization of Image and Video Analytics in the context of Big Data Management" IJCSIET-International Journal of Computer Science information and Engg., Technologies ISSN 2277-4408 || 01042017-002 (IJCSIET-ISSUE7-VOLUME1-SERIES.

VARIOUS EDUCATIONAL APPLICATIONS.

Educational Apps

The educational apps are the latest technological advancement by products that promote the importance of videos and pictures more than texts and descriptions in the realm of knowledge and education in schools. The quality and features of the educational apps is a significant attribute in the progressing world of technology, and it can add a great touch of value to the learners. Moreover, it is not hidden from anyone that our brain stores every bit of information in the form of images and not in the form of texts.

Open Source Softwares

INSPIRE- Newsletter

Congratulations Class of 2016-2017

Rubina Shrestha(1RI16IS030)
(87.5%)(2nd Sem)

(2nd SEM)

S Aishwaraya Rao(1RI16IS031)
(76.7%) (2nd Sem)

Rajendra Tharu
(1RI16IS027)

Sanjay Senchury (1RI16IS035)
(73.3%) (2nd Sem)

(4th SEM)

Bikendra Thapaliya(1RI15IS010)
(75%) (2nd Sem)

Yogitha M (1RI15IS037)
(75%) (2nd Sem)

Anjali V (1RI15IS005)
(70%) (2nd Sem)

(6th SEM)

Samudhutha S(1RI14IS020)
(74%) (6th Sem)

Vaishnavi S N (1RI14IS029)
(66%) (6th Sem)

Nisha Maria Gonsalves
(1RI14IS016)

(8th   SEM)

Chethan R (1RI13IS007)
(8th sem) (78.8%)

Vicky Samson(1RI13IS036)
(8th sem) (78.4%)

Divya D   (1RI13IS009)
(8th sem) (76%)

INSPIRE- Newsletter
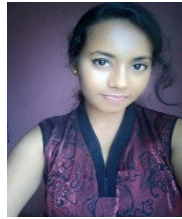
Students Placed in Companies

**Kruti K
(1RI14IS013)**

**Placed for TCI
Tech Org**

**P S Krutika
(1RI14IS017)**

**Placed for TCI
Tech Org**

**Pooja K
(1RI14IS019)**

**Placed for
TCI Tech Org**

**Vaishnavi S
(1RI14IS029)**

**Placed for TCI
Tech Org**
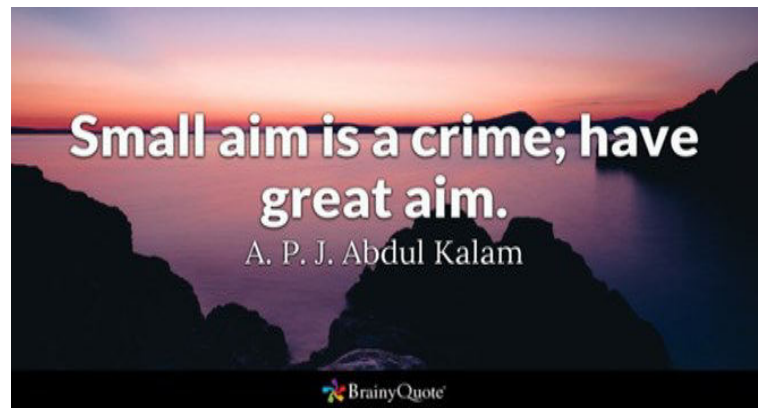
**Koushalya S
(1RI14IS012)**

**Placed for TCI
Tech Org**

**Megha M
(1RI13IS017)
Placed for TCI
Tech Org
And for Inspiring
Memories**

**Neethu Varghese
(1RI14IS015)
Placed for Inspiring
Memories**

> Small aim is a crime; have great aim.
> A. P. J. Abdul Kalam
> BrainyQuote

Best open source alternatives for expensive applications:
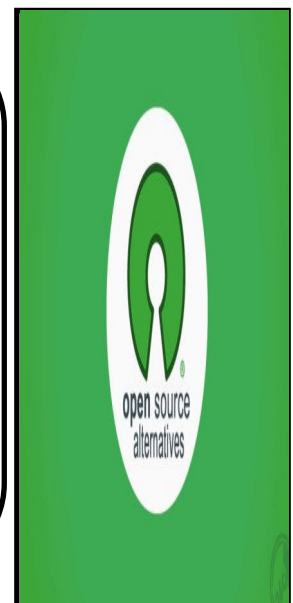
Use Linux distro instead of Windows:

1. **Bluefish : Category:** *Web Site Creation Tools* ——>offers a very fast WYSIWYG HTML editor that doesn't use a lot of system resources. Aimed at coders more than designers, it also includes support for a number of other programming languages.
    Replaces: Adobe Dreamweaver
    Supported OS: Windows, OS X and Linux

2. **PDFCreator : Category:** *PDF Tools* ——~> creates a PDF file from an application that can print. It also includes the digital signature and encryption capabilities, but it lacks some of Acrobat's form creating capabilities.
    Replaces: Adobe Acrobat ($381.65) **Supported OS:** *Windows, OS X and Linux*

open source alternatives

Hobbies Corner

Pen Art by
Nisha Maria Gonsalves, 7th sem

Art by
P S Krutika, 7th sem

Open Source Software

Android is a mobile operating system developed by Google, based on a modified version of the Linux kernel and other open source software and designed primarily for touchscreen mobile devices such as smartphones and tablets

NPTEL — FREE ONLINE EDUCATION **swayam** शिक्षित भारत, उन्नत भारत

SWAYAM Courses

SWAYAM is the National MOOCs portal being developed by MHRD, Govt. of India.

In order to ensure best quality content is produced and delivered, seven National Coordinators have been appointed under SWAYAM. NPTEL is the official SWAYAM national coordinator for engineering. All NPTEL online certification courses are SWAYAM courses too, and they are available on the SWAYAM platform as well.

For example, see https://swayam.gov.in/course/1364-engineering-mechanics-statics-and-dynamics. This is an NPTEL course that was offered in the Jan 2017 semester. For certification and examination purposes, we offer the same course on the NPTEL portal: https://onlinecourses.nptel.ac.in/noc17_me01/preview

FACES OF EXCELLENCE of Academic Year 2016-17
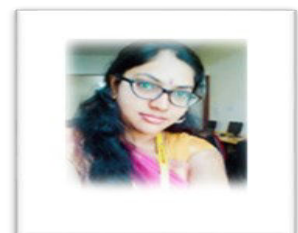
M Suneetha
100% in 1 Subject

Ganesha M
100% in 2 Subjects

Vani S
100% in 3 Subjects

Swetha K B
100% in 2 Subjects

SCRAPBOOK

Session on Entrepreneurship Awareness Camp

Session on Apple Mobile App Development

Ayudha Pooja Celebrations At the Department

Goddesses Saraswathi on Ayudha Pooja

Teacher's Day Celebrations

ISE Alumini

"I can Positively say that RRIT has made me a better person with positive attitude towards my studies and to discover more about myself. Teachers are caring and interested in student's well-being. I like the friendly atmosphere,closeliness and the motivated teachers

Shilpashree (Batch of 2009 -2013),
Working as ISR, Federal Express

Editorial Board

Editor
Member
Member
Member
Member

Prof. Swetha K. B.

Anjali V, 6th ISE

Krishna Makavan, 6th ISE

Sanjay Kumar G, 7th ISE
Neethu Varghese, 7th ISE