



INSPIRE- Newsletter

Volume—2, Issue-1

August 2017 –December 2017

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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 achievements. 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

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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**.

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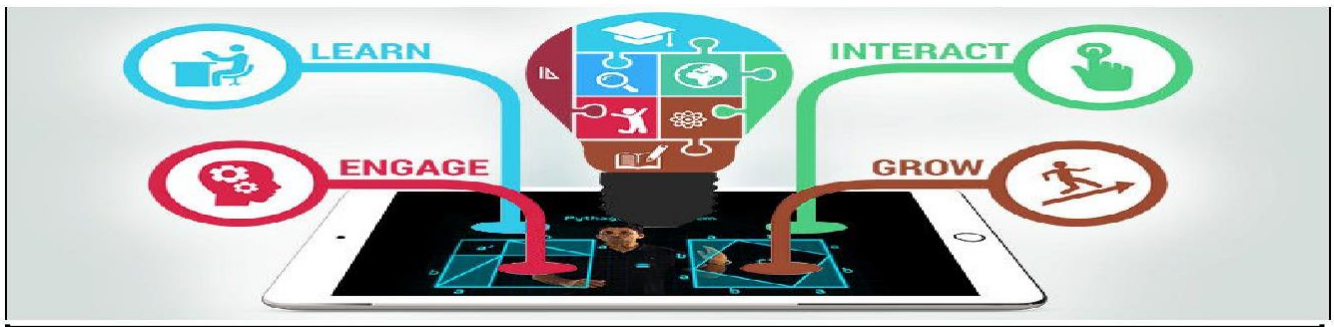
Achievements / Events

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



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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%)

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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



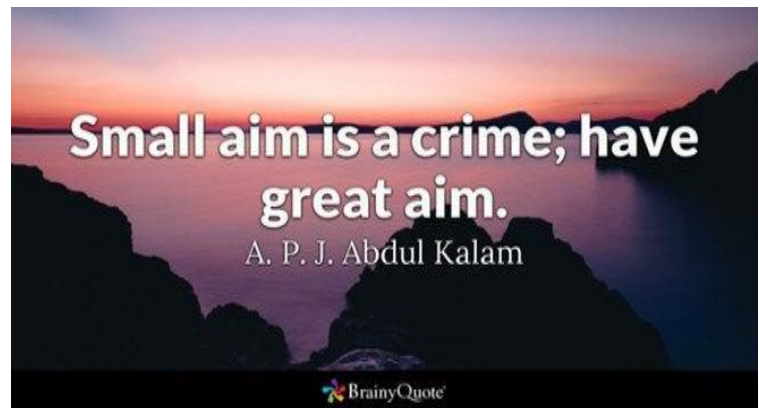
Megha M
(1RI13IS017)

Placed for TCI
Tech Org
And for Inspiring
Memories



Neethu Varghese
(1RI14IS015)

Placed for Inspiring
Memories



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



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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



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



Ganesh M
100% in 2 Subjects



Vani S
100% in 3 Subjects



Swetha K B
100% in 2 Subjects

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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, closeness and the motivated teachers

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



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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**

Acknowledgement

**Members of Editorial Board/
Team of InSpirE want to express
their sincere thanks to Manage-
ment, CEO, Principal for their
continues support and encourage-
ment. Team, InSpirE**