PKM Educational Trust

R. R. Institute of Technology

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Raja Reddy Layout, Chikkabanavara, Bengaluru – 560 090

PRO-GEEKS

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FROM THE PRINCIPAL DESK

The Objective of this News Letter is to keep our Students, Parents, Faculty and Industry informed about the activities happening in the Department. Our aim is to impart the best of the knowledge and technical knowhow to our students with required inputs, and the desire and ability to learn, lead and excel to make them responsible and respected citizens of India. I Congratulate the CSE department for their efforts in bringing out another volume of Newsletter. I wish all the very best in their future endeavors.

Dr. Manjunatha M B
Principal, RRIT

ABOUT THE DEPARTMENT

Computer Science & Engineering department aim to convey esteem based education to students and make them skillful, tech-savvy professionals leadership and entrepreneurial qualities. The CSE departments were set up in the year 2008 with an intake of 60 which is approved by AICTE. The way we live, work and play in our technology-driven, interconnected world is largely influenced by the ideas and actions of computer engineers. With the rapid development of hardware components, communication systems and software, there is a demand for computer engineers. It provides an opportunity to work in the continuously changing technology sector. The career outlook is great for computer engineers. The department has excellent infrastructure and is well equipped with modern laboratories. The department has highly qualified, experienced, dedicated faculties with research background.

VISION

- To emerge as an excellent technical center of CSE in National level within 2020.

MISSION

- To provide a conceptual foundation that caters the career required to adapt for changing technology.
- To bridge the gap between academic and the latest tools, technologies in the area of hardware and software.
- To create co-curricular opportunities for student's participation in advancements and recent trends.
- To explore the potential and train the students to attain novelty.

FROM HOD'S DESK

Research collaboration is essential for engineering as solutions so often involve the successful integration of technical, industrial, regulatory and social systems. Academic freedom is a key strength of the RRIT culture, but my priority as Head of Department is to celebrate this strength and demonstrate that it is as valuable as ever in meeting the complex challenges posed by a fast-paced, uncertain world. I look forward to keeping you informed of our progress in future newsletters. Computer Science Engineering students are in high demand as far as industry recruiters are concerned. I congratulate my team members for their constant effort in this newsletter. We are very grateful to our management, principal& staff for support and encouragement. Happy Reading!

With Regards

Dr. Manjunath R

FROM EDITOR'S DESK

By and by, it gives me tremendous delight to associate you through this Newsletter, volume 3 and Issue 1. This issue additionally covers the other normal exercises including the portability of students & faculties. "Developing is a procedure and learning is an ordeal" Welcome to the department newsletter. PRO-GEEKS is intended to present to its readers the semester's events that have passed by, we genuinely trust that the pages that reading will make some intriguing reading. Happy reading........

DEPARTMENT STRENGTH

Prof. Poornima U S Assoc.Professor	Prof . Dhananjaya M K Asst. Professor	Prof . Sumanth V Asst. Professor
Prof . Preema C Asst. Professor	Prof. Nethra M V O Asst. Professor	Prof . Vinutha B T Asst. Professor
Prof . Jyothi R Asst. Professor	Prof . Shruthi S Asst. Professor	Prof . Rashmi B K Asst. Professor

EVENTS OF ODD SEMESTER

CELEBRATION OF "SADBHAVANA DIWAS" ON 20TH AUGUST 2018

Taking Pledge

Sadbhavana Diwas is praised the country over with incredible energy and eagerness. On this day CSE understudies, staff and HOD promised, which is *"I take this solemn pledge that I will work for the emotional oneness and harmony of all the people of India regardless of caste, region, religion or language. I further pledge that I shall resolve all differences among us through dialogue and constitutional means without resorting to violence."*

SEMINAR ON "EXPOSURE TO THE ENTREPRENEURSHIP ACTIVITY" ON 23RD AUGUST 2018

"Exposure to The Entrepreneur Activity" was organized on 23rd August 2018 for the understudies of Computer science and Engineering Department including first Year. The day begun by initiating the occasion and the central visitor was presented and invited by CSE HOD Prof. Manjunath R. The speaker Mr. Amrendra Kumar, Founder and CEO, Telenoc Solutions, Bengaluru briefed with respect to the occasion. The primary inspiration to understudies is to get advantage to Proficiency Self-discipline, centering towards the Short expression objectives which are attainable and practical.

Mr.Amrendra Kumar, Founder & CEO, Telenoc Solutions delivering his speech

Computer Science

VISIT TO "BSX-6TH BENGALURU EXPO 2018-BIEC" ON 7TH & 8TH SEPTEMBER 2018

The Department had composed a visit to Bangalore International Exhibition Center (BIEC), for 6TH BENGALURU SPACE EXPO-2018 . The visit was composed by Prof. Dhanajaya M K, Prof. Shruthi S, Prof. Nethra M.V.O and Prof. Vinutha B T for 5th and 7th Semester understudies on 7th and 8th September 2018. Around 15 nations including Belgium, France, Germany, Malaysia, Japan ,Norway and so on spoke to their organizations and accomplishments which are identified with Space Technology took part in the occasion, it was an incredible presentation for the understudies. There were numerous undertakings displayed by Aeronautical understudies from different universities like, Triv Drishti-Military evaluated

Visit to BIEC

AWARENESS PROGRAM ON "GATE EXAM & SCHOLARSHIP TEST" ON 17TH SEPTEMBER 2018

An Awareness program entitled "**GATE EXAM awareness and Scholarship test**" was composed by bureau of CSE 17th September 2018. The Resource Person Mr. Rejith M S from BDM Gate forum, Bangaluru tended to final year and pre-final year understudies about the significance of GATE tests and urged the understudies to partake in the selection tests.

Mr. Rejith M S encouraging the students

Cost is more important than quality but quality is the best way to reduce cost

-Genichi Taguchi

AWARENESS PROGRAM ON "OVERSEAS EDUCATION OPPORTUNITIES" ON 18TH SEPTEMBER 2018

The program entitled "Abroad Education Opportunities" was organized by CSE on 18th September 2018 at 11.00 am. The Resource Person Mayuri. N, Assistant Manager-US and Canada, IDP Education India Pvt.Ltd. tended to the understudies about the International Education and Training (IET) which is a Data-Rich Environment with Significant undiscovered potential for the division. Likewise they made a MOU with Department to help the CSE understudies for the Overseas Education open doors in perceived Institutions.

Resource Person Mayuri.N Signing the MOU with Department Head

EXTENSION ACTIVITY ON "WORLD HEART DAY" ON 29TH SEPTEMBER 2018

Dr. Santhosh S Distributing the Prize

On September 29th 2018 RRIT observed World Heart Day (HAPPY DAY) which is composed by CSE Department this was an intuitive day for understudies, Teaching and Non-Teaching staff. Each one took an interest in the World Heart Day computations such as Essay composing, Poster and collage making. The testaments and prizes were distributed by the Guest Dr. Santhosh S, Professor & Head of Shridevi Institute of Medical Sciences and Research Hospital, Tumkuru. In the 2nd session the Speaker additionally talked about the great wellbeing propensities, awful impacts of smoking and drinking & significance of activity. At last a guarantee was been made by every one of the members to eat well sustenance, do practice day by day and to remain sound.

WORKSHOP ON "BIGDATA AND HADOOP" ON 3RD OCTOBER 2018

The Department Organized one day workshop on"Big data and Hadoop" on 3rd October 2018 for 5th and 7th semester students of CSE. The Delegate was Mr. Nilesh Kumar Gupta, Head of operations at EduNextgen, Bengaluru. The understudies were extremely glad about the Sessions held amid the workshop and they were exceptionally intrigued to receive innovations to their scholarly ventures.

Prof. Sumanth V Greeting our Delegate Mr. Nilesh Kumar Gupta

PARENTS TEACHER MEETING ON 13TH OCTOBER 2018

HOD Prof. Manjunath R addressing the Parents

The Parent Teachers Meeting was held on 13th October 2018 for 3rd, 5th,& 7th semester studentsto talk about studentsprogress and performance. The Parents were intimated about the meeting well in advance through Procter. The Proctors gave data about their ward Performance. The HOD addressed the parents in seminar hall by giving the overall performance of the department and plans for next academic year .

SEMINAR ON "TECHNOLOGY TRENDS IN IT INDUSTRY" ON 20TH NOVEMBER 2018

A Seminar on "Technology Trends in IT Industry" was composed on 29th November 2018. The Department Head Prof. Manjunath R Introduced and Welcomed the Resource Person Dr. Manjunath T N, Professor and Head, ISE of BMS Institute of Technology, Bengaluru. Later on the asset individual advised how the innovation put an essential job in propelling the accessibility of advanced education for underrepresented student population. Also predicting the future is never easy or straight forward, particularly when technology is involved. But context preceding trends provide a good basis for projecting forward. In light of this there are a few regions we should note for the year ahead. Students of CSE and ISE took an inte and felt it is helpful for the future.

HOD Introducing the Resource Person Dr. Manjuntah T N

WORKSHOP ON "MACHINE LEARNING TECHNIQUES" ON 30ᵗʰ NOVEMBER 2018

A one day Workshop entitled "Machine Learning Techniques" was organized on 30th November 2018. The Resource Persons areProf. GirishBabu C N and Prof. Vinutha K, Assistant Professors, Department of ISE, BMSInstitute of Technology, Bengaluru. The main focus of the workshop was to provide a practical knowledge on Machine learning tools which can be adopted in their academic projects.The 7th Semester Students learnt how to work with various machine learning framework.

Prof. Girish Babu delivering his thoughts

STAFF NEWS

- Prof. Prema C has been awarded for 100% result in the subject "Embedded Computing System"
- Prof. Shruthi S has been awarded for 100% result in the subject "Operation Research"
- Prof. Manjunath R and Prof. Sumanth V are appreciated as Resouce Persons for two days FDP on "M S Office Word ,Excel and Latex" at RRIT on 30th& 31st July 2018.
- Prof. Sumanth V was a Organizer for the Entrepreneurship Development Program on "Entrepreneurship Awareness Camp" Conducted from 29h to 31st October at RRIT
- Prof. Jyothi R, Prof. Vinutha B T, Prof. Prema C and Prof. Shruthi S attended workshop on "Python Programming" held at RRIT on 30th August 2018.
- Prof. Manjunath R, Prof. Jyothi R, Prof. Dhananjaya M K, Prof. Prema C, Prof. Sumanth V and Prof. Shruthi S has participated in one day FDP on "Professional Ethics and Human Values " on 14th August 2018.
- Prof. Jyothi R was a part of Workshop on A-VIEW Demonstration, organized by VTU e-Learning Centre, Mysuru for online training on 28th August 2018.
- Prof. Shruthi S attended five days' Workshop on "Machine Learning" held at SJBIT, Bangalore from 9th July to 14th July 2018.
- Prof. Dhananjaya M K and Prof. Sumanth V has participated in two days FDP on "M S Office Word , Excel and Latex" held at RRIT on on 30th& 31st July 2018.

STUDENT'S ACHIEVEMENT

Our 3rd Semester Students Mr. Mohan Krishna G, Mr. Vinod G and Mr. Yuvraj Singh Rajawat Participated in "Climate and Environment Science Quiz " held at IISC, Bengaluru on 11th September2018

Our 5thSemester Students Mr. Contractor Arsaar and Mr. George James participated in Dextrix Makeathon held at Atria Institute of Technology, Bengaluru on November 2nd 2018.
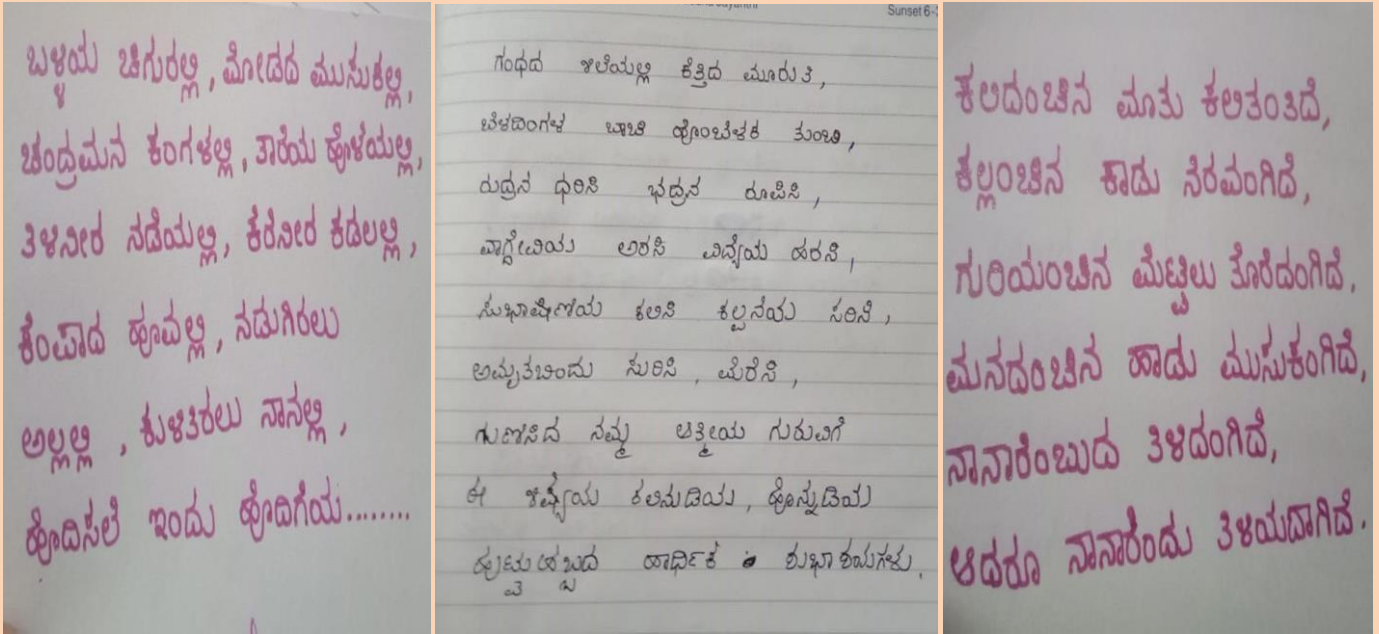

Our 5th Semester Students Mr. George James participated in Sanders League 2018 and Secured I place in Badminton Singles on 25th November 2018

Ms. Arpitha M R, 5th Semester secured II Place and Ms. Ashwini Deshpande, 7th Semester secured III Place in the Debate Competition on "Tobacco: A Threat to Carrier & Life" on 16th November 2108 at RRIT

Paintings by our 5th Semester Student Ms. Sayantini Sarkar

Beautiful &Heart Touching Lines from our 5th semester student Ms. RajeshwariC

Ms. Tanaya patra, 7th semester student participated in Poster Making and Mr. Yashwanth T U,
3rd Semester Student participated in Colleague during the World Heart Day Celebration at RRIT.

PUBLICATIONS

➢ Prof. Poornima U S Presented a Paper along with our 7th semester student Mr. Biwas Subedi at NCTFRD conference held at CIT Gubbi on 5th and 6th October 2018 and to be published in UGC recognized journals.

➢ Prof. Sumanth V presented a Research paper "A possiblistic clustering based biased Bayesian relevancefeedback model for web usage recommendation" in International Journal of Engineering & Technology.Website: www.sciencepubco.com/index.php/IJET DOI: 10.14419/ijet. v7i4.16224

➢ Prof. Sumanth V presented a Research paperA Proficient Web Recommender System using Hybrid Possiblistic FuzzyClustering and Bayesian Model Approach in International Journal of Intelligent Engineering and Systems, Vol.11, No.6, 2018 DOI: 10.22266/ijies2018.1231.19

LIFE AND TIME ARE THE WORLD"S BEST TEACHERS. LIFE TEACHES US TO MAKE GOOD USE OF TIME AND TIME TEACHES US THE VALUE OF LIFE

TOPPERS LIST

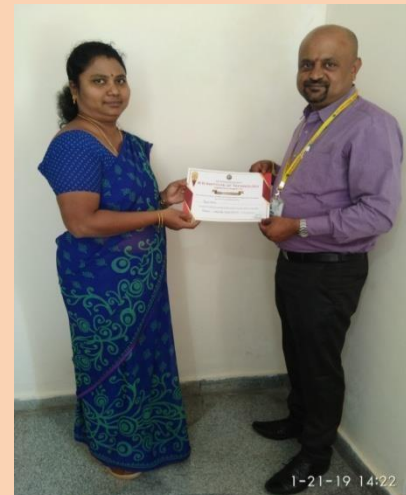| Year	1st Place	2nd Place	3rd Place	Department Topper
IV	Kiran Kumar Y N 79.66%	Mamatha C G 76.22%	Naga Venkata Swetha 75.22%	Yuvraj Singh R 9.33 SGPA
III	Prakash R Manjhi 7.85 SGPA	Milan Shrestha 7.12 SGPA	Irfan pasha F 7.05 SGPA	
II	Bindhushree P M 7.71 SGPA	Nishath R Dalayat 7.39 SGPA	Lakshmishri B I 7.2 SGPA	THE EXCELLENCE AWARD for an individual's service to group travel organisers
I	Mahan Krishna G 8.79 SGPA	Pallavi K 8.50 SGPA	Navved Ahmed S 8.00 SGPA	

GALLERY

Dasara Celebration in The Department

Orientation Program for 1st Year Students

Prof. Shruthi S receiving Award For 100% Result

Students & Staff during Field Visit

Prof. Prema C receiving Award For 100% Result

Students Experimenting During Field Visit

Orientation Program by Our Faculties

Students Participated during Heart Day

Students Interaction during the NAAC peer team visit

The Reaource person Prof. Vinutha K Addressing the students in the Machine Learning Workshop

Prof. Sumatn V as Resouce Person for the two days FDP on "M S Office Word ,Excel and Latex"

Department visit during the NAAC peerteam visit

HAPPINESS INDEX