

COMPU NET

The Information Hub

JANUARY 2019

Volume:1

MISSION

To train the students with advanced technologies in association with Industry, to promote research and development activities, to provide platform to nurture entrepreneur and leadership among the students.

VISION

To be a leading source of Computer Science & Engineering education contributing effectively to meet the present, future needs of society and industry.

SRI G. DAYANAND, CHAIRMAN



The “COMPU NET - The Information Hub” newsletter of the department of Computer Science & Engineering is providing great space for the students and faculty to pen down their innovative ideas, imagination and perceptions to showcase creativity. So, I take the opportunity to congratulate the Department of CSE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

SRI G. D. MANOJ, EXECUTIVE DIRECTOR

I am indeed happy to share that department of Computer Science & Engineering is having its monthly newsletter “COMPU NET - The Information Hub”. I personally urge all faculty members and students of the department to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and interesting facts. I congratulate the team of Computer Science & Engineering editorial committee.



PRINCIPAL'S DESK



It is indeed very happy to bring out newsletter “COMPU NET - The Information Hub” by the department of CSE. It is a platform provided by the dept. of CSE for its students and faculty members where they can share the knowledge, experience and talents in terms of written articles and I would like to compliment and congratulate the dept. of CSE and its editorial team for the contribution in bringing out the newsletter.

ADMINISTRATIVE OFFICER'S DESK

It gives me immense pleasure to note that CSE Department of our college bringing out News letter for the academic year 2018-2019. I am sure this news letter provides an opportunity to the students and faculty of the department to project their talents through articles, reports of the various academic and extracurricular programs. I congratulate the committee of the news letter for their efforts.



HOD'S DESK



The Computer Science & Engineering Department was established in the year 2001 with an intake of 60 students and the current intake is 120 students. The department also runs a Post-Graduate program in Computer Science & Engineering and an established Research Centre in 2013, affiliated to VTU Belagavi. The department aims to produce engineering graduates with adequate theoretical and practical knowledge in the area of computer science so as to make them capable of design, implementation, development and maintenance of high quality software products meeting industry standards. I am very proud to express that our department is coming out with a new venture that is a newsletter to share various events and thoughts happened.

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WORKSHOP

GRE EXAM



Department of CSE had arranged GRE Exam for 5th semester students on 28/9/18 from 2:00p.m to 3:30p.m, conducted by Apurva Singh from "MANYA EDUCATION PVT. LTD."

GAME CHANGERS



We the Department of Computer Science and Engineering organized an Invited Talk on "Game changers – What Industry Needs from Academics". Students got knowledge about relationship between academia and industry. How the Academia produces graduates who are absorbed by industry and also research work in colleges are taken up by the industry and turned into products and services.

Industry on the other hand looks to academia for solutions to their concerns. It would like colleges to tailor their courses to turn out graduates whose skill-set are aligned to industry requirements. Often new research topics arise out of interaction between both academia and industry. Invited Talk was conducted on: 07th September 2018 by Pramoti Technologies Pvt Ltd - for all the 5th semester "A" section students took part in it and are immensely benefited.

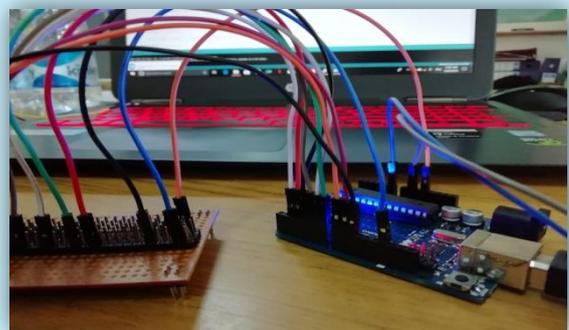
ARDUINO

Workshop on “ARDUINO” by Mr. Sanjay Kumar working as Technical lead & his team from Jyothi Labs for 3rd semester students on 28-09-2018 & 29/09/2018, totally 58 students were participated. The speaker provided information on Arduino, an open source electronics platform based on easy to use hardware & software and hands-on session of using Arduino board’s in order to read inputs –light on a sensor, activating a motor, turning on a led etc. was provided and the session was interactive.



Highlights of the discussion were:

- Arduino board usage
- Seven Segment Displays
- Map Entered Variable(MEV)



SOFTWARE ENGINEERING WITH FOCUS ON PERFORMANCE TESTING



Workshop on “Software Engineering with focus on performance testing” by Mr. Sudhindra Prasad working as Technical lead at Walmart Labs for 5th sem student and 3rd sem student on 26-09-2018 and 03-10-2018 respectively. The speaker provided information on system, critical system, desktop applications, client-server application, web based application, emergent properties of a system, testing, performance testing and the session was interactive.



Highlights of the discussion were:

- ❖ Technologies
- ❖ Automation Testing

Applications on Web Development, System Software, Data Base.

IOT

Workshop on “IOT” by Mr. Karan Kapoor working as Corporate Trainer in GeeksLabs Tecnogolgy Pvt. Ltd for 5th semester students on 12-10-2018 & 13-10-2018, totally 43 students were participated. The speaker provided information on Arduino basics, Sensors: Light intensity sensors, IR sensors, Alarm Sensor, Temparature Sensor and Putting the data of sensors onto the cloud, controlling devices by mobile application and the session was interactive.

Highlights of the discussion were:

- ❖ Arduino Basics.
- ❖ Storing sensor data onto cloud.



Machine Learning



Workshop on “Machine Learning Laboratory” by Prof. Gireesh Babu C N and Prof. Vinutha K working as Assistant Professor, Department of ISE at BMSIT College for 7rd semester students on 19-11-2018, totally 49 students were participated. The speaker provided information on Machine learning concepts, Algorithms & Machine Learning Laboratory programs using Python code was provided and the session was interactive.

Highlights of the discussion were:

- Machine learning concepts
- Machine learning Algorithms
- Machine Learning Laboratory programs

BIG DATA

Workshop on “BIG DATA” by Nilesh Kumar Gupta working as Corporate Trainer in EduNextgen for 7thth semester students on 13-10-2018, totally 53 students were participated. The speaker provided information on BIG DATA basics and Challenges.

Overall the students felt that the session was informative & gain knowledge about Big data was originally associated with three key concepts: volume, variety, and velocity and also recent technologies.



ARDUINO



Workshop on “ARDUINO” by Mr. Srinivas shetty working as Technical lead at SST Technologies for 3rd semester students on 17/11/2018 & 18/11/2018. The speaker provided information on Arduino , an open source electronics platform based on easy to use hardware & software and hands-on session of using Arduino boards inorder to read inputs –light on a sensor ,activating a motor , turning on a led etc was provided and the session was interactive.

Highlights of the discussion were:

- ❖ Arduino board usage
- ❖ Seven Segment Displays
- ❖ Multiplexer, Map Entered Variable(MEV)

STUDENT'S UNIVERSITY EXAMINATION PERFORMANCE, EVEN SEM 2017-2018.

SEMESTER	USN	NAME	PERCENTAGE
SECOND	1SG17CS031	GANGA SAGAR H L	92%
	1SG17CS024	DEEPA R M	91%
	1SG17CS028	DYUTHISHREE	91%
FOURTH	1SG16CS001	ABHINETRA KUMAR	83.25%
	1SG16CS040	JAYANTH G	79.5%
	1SG16CS053	MADHURA K	79.5%
SIXTH	1SG15CS124	VINAYA R	87.62%
	1SG15CS085	RHEA SANJAN B R	85.62%
	1SG15CS101	SHWETHA S	85.12%
EIGHT	1SG14CS037	JARITHA .M	87%
	1SG14CS008	AKARSHA KR	84.4%
	1SG14CS119	VEDASHREE .D	84%

PAPER PUBLICATIONS BY FACULTIES

Serial No.	Title of the Paper	Authors	Publication
01	Crop Disease Detection using Machine Learning: Indian Agriculture	Anuradha Badage	IRJET

PAPER PUBLICATIONS BY STUDENT

Serial No.	Title of the Paper	Authors	Publication
01	Secure Data Transmission in MANET using Hybrid-RSA Algorithm	Arun Kumar S Assistant Professor Deepak N 1SG16CS404 R Rashika 1SG15CS0	IJERT

NAVIGEM DATA

NavLabs, a Technology Lab designed for the students of CSE & ISE to bring out the new ideas and concepts from the young minds which can solve the real word problems. It's basically for the students to work on live projects and monitored by Internal NavLabs CSE Co-Ordinator Prof. Arun Kumar S in collaboration with Navigem Data.

GROUP NO	USN	NAME	PROJECT TITLE
CSE1	1SG15CS118	V.V.P. B MANJUSHA	Analysis and Visualization of Crime Record
	1SG15CS119	VAISHALI DIXIT	
	1SG15CS031	ISHWARYA S	
CSE2	1SG15CS032	JAGADISH D.N.	Emotion Recognition using Voice
	1SG15CS019	BHYRAVI .S	
	1SG15CS030	HEMANTHKUMAR M	
	1SG15CS002	ABHIJEETH V MADALGI	
CSE3	1SG15CS054	MOHIT KUMAR	College Website
	1SG15CS001	AAYUSH SRIVASTAVA	
	1SG15CS022	DAWAN P SWAMY	
	1SG15CS034	JITHENDRA .C	
CSE4	1SG15CS035	JYOTI DIXIT	Student Entry/Exit Management
	1SG15CS072	PRASHANT YADAV	
	1SG16CS416	SHARATH C	
CSE5	1SG15CS101	SHWETHA .S	Student Information System (App)
	1SG16CS404	DEEPAK N	
	1SG15CS076	RACHEL BRITTO	
CSE6	1SG15CS081	RASHMI	College Solid Waste Management System
	1SG15CS104	SNEHA MALAV	
	1SG15CS124	VINAYA .R	
	1SG15CS077	RAJESHWARI S	

Alumini Interaction

Sl.No	Name of Alumni	Date	Topic
1.	SHREEGOWRI M B	13/08/2018	SDS and SAN Foundations
2.	MONISHA K	01/09/2018	Experience in Industry
3.	DEEPESH JHA	22/09/2018	Career Ahead in Industry
4.	NAVEEN K V	26/09/2018	Making the Right Choice
5.	CHANDAN N	26/09/2018	His experience after Graduation
6.	CHANDAN KUMAR	10/10/2018	Role of system analyst in Industry
7.	HUMA RAFFAT MAAB	15/10/2018	Placements and Higher Studies
8.	RASHMI RAO	27/10/2018	Security in Social media

Article by Faculty



Editorial Team



Chief Editor :	Dr. Kamalakshi Naganna
Sub Editor :	Mrs. Madhushree Mr. Srikantha Gowda R
Student Members:	Deepak N (8th Sem) Sharath C (8th Sem)