Department of Computer Science & Engineering

Prakalpa
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NEWS LETTER

2021-22

Dr. B. S. Halakarnimath

⟫ The department has an undergraduate program in Computer Science Engineering with an intake of 60, increased to 120 in 2020 and enhanced to 180 from the academic year 2021 - 22. Since its inception, the department believes and focuses on outcome-based education. The department has a well-qualified, experienced staff and well-equipped infrastructure to fulfill the needs of learners in academics and the IT emerging areas. The unique department features make students involved in the learning process actively during the course period. The department conducts workshops and training programs to prepare our students to be competent in solving real-world problems.

The students are trained in all aspects to become skilled in their careers and professional activities. The students are inspired to take up interdisciplinary issues to solve and become multi-domain technocrats. Our students are placed in reputed IT companies like IBM, TCS, Infosys, Robert Bosch, Mind Tree, Wipro, etc. The department is recognized as the research centre by the VTU, Belagavi. We in the CSE department at SGBIT are very excited to associate with learners, industries and premier institutes to be a part of the information revolution of this current era.

VISION

"TO STRIVE FOR EXCELLENCE IN IMPARTING KNOWLEDGE OF COMPUTER SCIENCE AND ENGINEERING TO PRODUCE IT PROFESSIONALS COMMITTED TO HUMAN VALUES".

MISSION

MISSION 1: IMPART QUALITY EDUCATION IN CUTTING EDGE TECHNOLOGIES TO ACHIEVE EXCELLENCE IN COMPUTER SCIENCE AND ENGINEERING TO SOLVE REAL-WORLD PROBLEMS.

MISSION 2: IMBIBE HUMAN VALUES AND ETHICAL RESPONSIBILITIES IN PROFESSIONAL ENDEAVORS.

EVENTS UNDERTAKEN FOR THE ACADEMIC YEAR 2021-22

AISCES INAUGURATION FUNCTION AND FRESHER'S DAY

IN PHOTO (FROM LEFT TO RIGHT): STUDENT COORDINATOR, MR. ABHINANDAN P. M., AISCES COORDINATOR, CHAIRMAN DR. F. V. MANVI, PRINCIPAL DR. B. R. PATAGUNDI, HOD DR. B. S. HALAKARIMATH ALONG WITH OTHER STUDENT COORDINATOR

THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CONDUCTED AICSES (ASSOCIATION OF INTELLECTUAL COMPUTER SCIENCE AND ENGINEERING STUDENTS) INAUGURATION AND FRESHER'S DAY 2021-22 ON 04TH APRIL 2022.

THE AIM OF THE FUNCTION WAS TO BEGIN THE ASSOCIATION ACTIVITIES OF THE DEPARTMENT FOR THE ACADEMIC YEAR 2021-22 AND TO WELCOME THE 3RD SEMESTER STUDENTS TO THE DEPARTMENT.

FOR THIS FUNCTION CHAIRMAN DR. F. V. MANVI, PRINCIPAL DR. B. R. PATAGUNDI, HOD DR. B. S. HALAKARIMATH ALONG WITH OTHER TEACHING, NON TEACHING STAFF AND STUDENTS WHERE PRESENT.

WORKSHOP ON HARDWARE, NETWORKING AND SOCIAL MEDIA HANDLING.

"HARDWARE, NETWORKING WORKSHOP ",
MR. RAJESH SHIGGAVI, FROM ITC TEAM, ALONG WITH STUDENTS .

AICSES, ASSOCIATION OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY ORGANIZED WORKSHOP ON "HARDWARE, NETWORKING AND SOCIAL MEDIA HANDLING ", ON 4TH DECEMBER 2021. RESOURCE PERSON: MR. RAJESH SHIGGAVI, MR. PRAMOD ALAPNAVVAR, MR. MANJUNATH FROM ITC TEAM SGBIT.

MINI PROJECT EXHIBITION "KAUSHALYA" 2021-22.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY ORGANIZED MINI PROJECT EXHIBITION "KAUSHALYA" 2021-22 ON 18TH JANUARY 2022 FOR 3RD SEMESTER STUDENTS OF CSE.
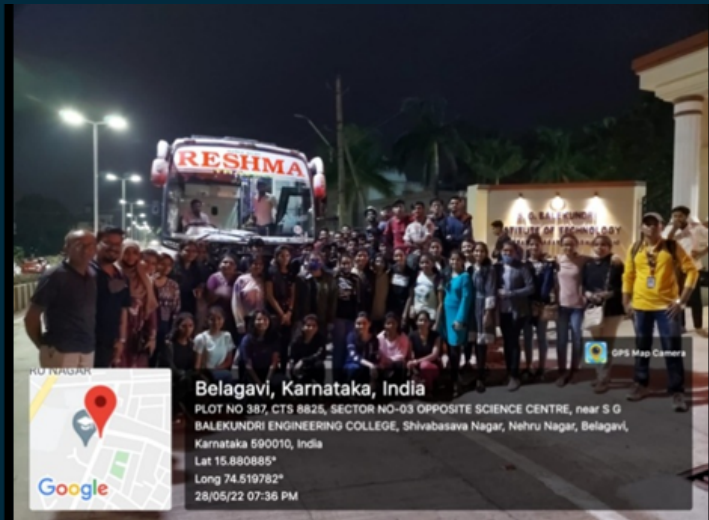FOR THIS EVENT MR. GAUTHAM DEMATTI, ASST. PROF. AITM COLLEGE WAS PRESENT AS A CHIEF GUEST AND EXAMINED ALL THE PROJECTS DONE BY STUDENTS.

IN PHOTO(FROM LEFT TO RIGHT): MRS.JAYA PATTANSHETTI, MR. GAUTHAM DEMATTI, ASST. PROF. AITM COLLEGE, MR. ABHINANDAN P. M. AISCES COORDINATOR, MS. PALLAVI.

INDUSTRIAL VISIT TO URSC BANGALORE.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY ORGANIZED INDUSTRIAL VISIT TO URSC BANGALORE FOR 6TH SEMESTER STUDENTS.

SEMINAR ON "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON".

AICSES, ASSOCIATION OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY IN ASSOCIATION WITH KEONICS YUVA.COM ORGANIZED SEMINAR ON "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON" ON 15TH JUNE 2021. MS. RASHMI ANKLE AND MS. POOJA GHATTI WERE SPOKES PEOPLE FOR THE WORKSHOP.
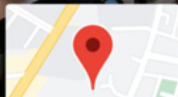

IN PHOTOMS. RASHMI ANKLE AND MS. POOJA GHATTI ALONG WITH STUDENTS AND FACULTY MEMBERS OF SGBIT, CSE DEPARTMENT

6 DAYS WORKSHOP ON "DESIGNING THE WEB".

AICSES, ASSOCIATION OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY IN ASSOCIATION WITH EYESEC CYBER SECURITY SOLUTIONS PVT. LTD. BELAGAVI ORGANIZED WORKSHOP ON "DESIGNING THE WEB" FROM 27TH JUNE TO 2ND JULY 2022.

RESOURCE PERSON MR. PANDURANGI, EYESEC CYBER SECURITY SOLUTIONS PVT. LTD.

. 6 DAYSSHORT TERM TRAINING PROGRAM ON "PRACTICAL APPROACH FOR DESIGNING WEB".

AICSES, ASSOCIATION OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT, S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY IN ASSOCIATION WITH EYESEC CYBER SECURITY SOLUTIONS PVT. LTD. BELAGAVI ORGANIZED STTP ON "PRACTICAL APPROACH FOR DESIGNING WEB" FROM 27TH JUNE TO 2ND JULY 2022. RESOURCE PERSON MR. PANDURANGI, EYESEC CYBER SECURITY SOLUTIONS PVT. LTD.
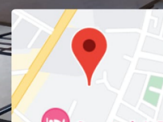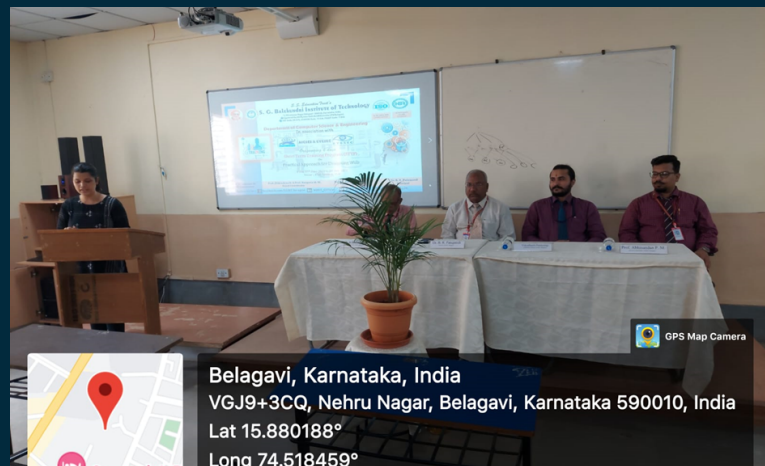
FACULTY ACHIEVEMENTS

LIST OF FACULTY PUBLICATIONS IN VARIOUR REPUTED JOURNALS AND CONFERENCES:

1. MRS. SHAHEEN MUJAWAR: REAL-TIME EMOTION RECOGNITION USING ARTIFICIAL INTELLIGENCE, AUTHORS: RUKSAR MOKASHI, SUORIYA B. TUPPAD, TAZEEM U. RAJGOLKAR, PRATIKSHA H. ISSN: 2395-1990 | ONLINE ISSN : 2394-4099.

2. DR.B.S. HALAKARNIMATH: KSCST: ECO-GRAM, AUTHORS: PREETU ASHI, AFTABHUSEN M K MAHAMMAD MUNEER.

3. MR. MAHANTESH LADDI KSCST: BLOCKCHAIN FOR SECURING IOT DATA, AUTHORS: RUTUJA PATIL, RAJNIGANDHA NILAJKAR, SMITA GHUGRETKAR, SONALI IRANNAVAR, ISSN: 2395-1990 | ONLINE ISSN : 2394-4099.

4. DR. KARUNA C. GULL- DISSIMILAR DISEASE DETECTION USING MACHINE LEARNING TECHNIQUES FOR VARIETY OF LEAVES, AUTHORS: KADOLI V. GULL S.C. PRINT ISSN: 2367-4512 ELECTRONIC ISSN 2367-4520.

5. DR. KARUNA C. GULL- COMPARISON STUDY OF SENTIMENT ANALYSIS OF TWEETS USING VARIOUS MACHINE LEARNING ALGORITHMS, AUTHORS: S. G. KANAKARADDI, A. K. CHIKARADDI, P. S. HIREMATH.

6. DR. KARUNA C. GULL- AUTOMATIC VEHICLE ACCIDENT DETECTION AND RESCUE SYSTEM, AUTHORS: MOHAMMAD AZEEM HOUSR, SHAKTIMA M TUPPAD, SANIYA I BUKHARI, DIPTI BISEN, ISSN: 2395-1990 | ONLINE ISSN : 2394-4099.

7. MRS. SHAHEEN MUJAWAR: E-VOTING FRAMEWORK UTILIZING BLOCKCHAIN TECHNOLOGY & MULTI FACTOR AUTHENTICATION, AUTHORS: JYOTI TARALE, KEERTI B, RUHMA KESARI, SAKSHI BHATKANDE, ISSN(ONLINE) :2321-3795 ISSN (PRINT):2321-3809.

8. ABHINANDAN P.M: SIGN LANGUAGE TRANSLATOR : BRIDGE BETWEEN DIFFERENTLY ABLE AND NORMAL PEOPLE, AUTHORS: ABHINANDAN P. MANGAONKAR1 , MR. M VINAY2 , MR. SACHIN MANTUR2 , MR. PAVAN KAJAGAR2 1 ASSISTANT PROFESSOR, 2 STUDENT, PRINT ISSN: 2395-1990 | ONLINE ISSN : 2394-4099

9. ABHINANDAN P.M- CYBER SECURITY FRAMEWORK OF HYBRID WATER MARKING AND SELECTIVE ENCRYPTION, ISSN (ONLINE): 2321-3800, ISSN (PRINT): 2321-3909

STUDENTS UNDER THE GUIDANCE OF MRS. SHAHEEN MUJAWAR, WON THE BEST PAPER AWARD AT CONFECRENCE HELD IN GAT COLLEGE, BENGALURU, FOR THE PAPER TITLED: REAL-TIME EMOTION RECOGNITION USING ARTIFICIAL INTELLIGENCE

LIST OF WORKSHOPS AND FDPS ATTENDED BY FACULTY:

Shaheen Mujawar	FDP	Data Science and its Application	06/12/2021-10/12/2021
Shaheen Mujawar	FDP	Explainable AI and the future	20/12/2021-24/12/2021
Mrs.Jaya Pattanshetti	FDP	Advanced MATLAB Tools and Applications	12/5/2021-14/05/2021
Dr.Karuna Gull	FDP	"An Overview of Teaching Techniques in Data Science and Analytics"	25th – 29th April 2022
Abhinandan M	FDP	Recent trends in AI and DS	04/04/2022-09/04/2022
Chitrashree Kurtkoti	FDP	Bigdata analytics and machine learning	26/03/2022-01/04/2022
Arpita Patil	FDP	Industrial Automation and Networking	3/12/2021-9/12/2021
Shrikant Athanikar	FDP	Bigdata analytics and machine learning	26/3/2022-01/4/2022
Shrikant Athanikar	Workshop	National Intellectual Property Awarness Mission	10/2/2022
Mahantesh Laddi	FDP	Bigdata analytics and machine learning	26/3/2022-01/4/2022
Ms. Kangana W. M.	FDP	Advanced MATLAB Tools and Applications	12/5/2021-14/05/2021
Dr.Karuna Gull	FDP	"Augment Reality & Virtual Reality"	21-25 June 2021.
Dr.Karuna Gull	FDP	Orientation programme on Computer Science and Engineering	17-23 December, 2021
Dr.Karuna Gull	FDP	"Practical Approach for Designing Web"	27th June 2022 to 2ndJuly2022.
Mrs.Jaya Pattanshetti	FDP	"Augment Reality & Virtual Reality"	21-25 June 2021

S. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator
1	ECO-GRAM	Dr. B. S. HALAKARNIMATH Dr. VINAYAK B. JOSHI	COMPUTER SCIENCE AND ENGINEERING
2	SIGN LANGUAGE TRANSLATOR - BRIDGE BETWEEN DIFFERENTLY ABLE AND NORMAL PEOPLE	Mr. ABHINANDAN P. MANGAONKAR	COMPUTER SCIENCE AND ENGINEERING
3	REAL-TIME EMOTION RECOGNITION USING ARTIFICIAL INTELLIGENCE	Prof. SHAHEEN MUJAWAR	COMPUTER SCIENCE AND ENGINEERING
4	BLOCKCHAIN FOR SECURING IOT DATA	Prof. MAHANTESH LADDI	COMPUTER SCIENCE AND ENGINEERING

ABOVE PROJECTS UNDER THE GUIDANCE OF FACULTY OF CSE DEPARTMENT WERE SELECTED IN KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, 45TH SERIES OF STUDENT PROJECT PROGRAMME 2021-22

List of Student Project Proposals Approved for Sponsorship

130. S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
910.	45S_BE_2023	A STUDY ON LOW COST RIGID PAVEMENT USING HYPOSLUDGE WASTE FROM PAPER INDUSTRY	B.E.	CIVIL ENGINEERING	Dr. V. M. DEVAPPA	Ms. ASHWINI N. MUSALI Ms. HARSHITA.B.Y.L Ms. RENUKA BAGALAKOT Mr. SACHIN KOLAKAR	6,000.00
911.	45S_BE_3108	AN APPROACH TO REDUCE CARBON FOOTPRINT BY USING NON-BIODEGRADEBALE PET BOTTLES AS AN ALTERNATIVE MATERIAL IN MASONARY UNITS.	B.E.	CIVIL ENGINEERING	Ms. DEEPAK PATIL Ms. JYOTI PATIL	Mr. AKASH HOSAMANI Mr. ATUFA S SAYED Ms. DIVYA C PUJAR Mr. FIRDOUSNAAZ M MULLA	6,500.00
912.	45S_BE_3166	A STUDY ON ENERGY GENERATION FROM THE TRAFFIC WIND MILLS FOR SMART ROAD NETWORK	B.E.	CIVIL ENGINEERING	Prof. MANJUNATH SHARANAPPANAVAR	Ms. RUTUJA S. KUSANNAVAR Ms. RASHMI B .MELED Ms. SHIVANI V. NANDAGADKAR Ms. MEGHA R. MASTAMARDI	5,000.00
913.	45S_BE_1283	ECO-GRAM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. B. S. HALAKARNIMATH Dr. VINAYAK B. JOSHI	Ms. AFATABHUSEN KAMATANOOR Ms. PREETU ASHI Mr. MAHAMMADMUNEER	5,000.00
914.	45S_BE_1847	SIGN LANGUAGE TRANSLATOR - BRIDGE BETWEEN DIFFERENTLY ABLE AND NORMAL PEOPLE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Mr. ABHINANDAN P. MANGAONKAR	Mr. M VINAY Mr. PAVAN KAJAGAR Mr. SACHIN MANTUR	3,000.00
915.	45S_BE_2309	REAL-TIME EMOTION RECOGNITION USING ARTIFICIAL INTELLIGENCE	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SHAHEEN MUJAWAR	Ms. RUKSAR MOKASHI Ms. TAZEEM UMRA RAJGOLKAR Ms. SUPRIYA TUPPAD Ms. PRATIKSHA HUDED	4,000.00
916.	45S_BE_3009	BLOCKCHAIN FOR SECURING IOT DATA	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. MAHANTESH LADDI	Ms. RAJNIGANDHA P. NILAJKAR Ms. RUTUJA Y. PATIL Ms. SMITA Y. GHUGRETKAR Ms. SONALI SANJAY IRANNAVAR	3,000.00
917.	45S_BE_1242	DEVELOPMENT OF BATTERY OPERATED PORTABLE VENTILATOR USING AMBU BAG FOR EMERGENCY OXYGEN SUPPLY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. SHARANBASAV I MARIHAL	Ms. PADMAVATI M KOUJALAGI Ms. RAJRAJESHWARI SHIVAPUR Ms. SHREYA DUGANI	8,000.00
918.	45S_BE_1368	DESIGN AND DEVELOPMENT OF SOLAR POWERED AIR POLLUTION AND ENVIRONMENTAL MONITORING SYSTEM IN SMART CITIES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Ms. SAVITA BANI	Mr. MANJUNATH DONUR Ms. SOUMYA HANJI Ms. SHILPA CHATT Ms. AKSHATA JOSHI	8,000.00

1.	2BU18CS025	Mr. Omkar M Sambrekar	TCS
2.	2BU18CS045	Ms. Tazeem Umra I Rajgolkar	TCS, Wipro, Capgemini, Tech Mahindra , Hitachi
3.	2BU18CS028	Mr. Prajwal Hiremath	TCS
4.	2BU18CS012	Ms. Gauri Kakati	TCS, NTT Data, Capgemini
5.	2BU18CS027	Ms. Pooja R Topannavar	TCS, Mindtree
6.	2BU18CS014	Ms. Jyoti Yuvraj Patil	Wipro, NTT Data, Mindtree
7.	2BU18CS021	Ms. Muskan Allahkhan	Wipro / Infosys/ Capgemini
8.	2BU18CS022	Mr. Muzamil Mulla	Wipro/ Mindtree
9.	2BU18CS032	Mr. Rajaram G Pednekar	Wipro
10.	2BU18CS039	Mr. Sahil Mokashi	Wipro, TCS, Persistent
11.	2BU18CS040	Mr. Santosh Nellagi	Wipro, Mindtree
12.	2BU18CS029	Ms. Pratidnya Kittur	IBM, Capgemini
13.	2BU18CS035	Ms. Ruksar Mokashi	IBM/Capgemini/ Wipro

14.	2BU18CS047	Ms. Vaishnavi U. Kalled	IBM, TCS, NTT Data
15.	2BU18CS023	Ms. Namita Dandin	Intel
16.	2BU18CS034	Mr. Ramesh	WIPRO, TCS, Mindtree
17.	2BU18CS033	Ms. Rajinigandha	WIPRO, Capgemini
18.	2BU18CS010	Mr. Darshan Morkar	WIPRO / Infosys/ Tech Mahindra
19.	2BU18CS004	Mr. Aman N Maniyar	Persistent
20.	2BU18CS006	Mr. Ashlesh Patil	NTT Data, Tech Mahindra
21.	2BU18CS049	Mr. Vijay I Angadi	NTT Data / Infosys
22.	2BU19CS408	Ms. Pooja P. Basarikatti	Persistent
23.	2BU18CS005	Mr. Anil Ashok Horatti	Capgemini, Wipro
24.	2BU18CS036	Ms. Rutuja Yallappa Patil	Capgemini
25.	2BU18CS042	Ms. Smita Ghugretkar	Capgemini, Wipro
26.	2BU18CS002	Ms. Aditi Mahuli	Infosys
27.	2BU18CS007	Ashwini Inchal	Zensar Technologies / Wipro/ Infosys
28.	2BU18CS008	Bhagyalaxmi Shetti	Infosys
29.	2BU18CS058	Mohammad Azeem Hosur	Wipro
30.	2BU18CS041	Shrusti.S.Bongale	Infosys, Wipro
31.	2BU18CS018	M Vinay	Wipro
32.	2BU19CS404	Keerti S. Bhagavantanavar	Skolar, Tata communications`
33.	2BU19CS405	Komal Jadhav	Skolar
34.	2BU19CS400	Anam Mulla	Wipro
35.	2BU18CS017	Laxmi Kotabagi	Zensar Technology, Capgemini

AICSES ORGANIZED GRADUATION DAY FOR THE ACADEMIC YEAR 2021-2022 ON 30/07/2022, SATURDAY IN SEMINAR HALL-1.