

ಬಿ.ಎಂ.ಎಸ್. ತಾಂತ್ರಿಕ ಮತ್ತು ವ್ಯವಸ್ಥಾಪನಾ ಮಹಾವಿದ್ಯಾಲಯ
(ಎ.ಟಿ.ಯು. ಅಡಿಯಲ್ಲಿನ ಸ್ವಾಯತ್ತ ಸಂಸ್ಥೆ)

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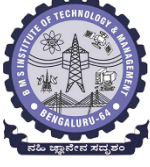
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

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Vision: Emerge as center of learning in the field of information science & engineering with technical competency to serve the society.

Mission: To provide excellent learning environment through balanced curriculum, best teaching methods, innovation, mentoring and industry institute interaction.



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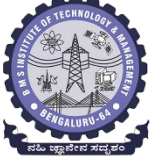
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

VISION

EMERGE AS CENTER OF LEARNING IN THE FIELD OF INFORMATION SCIENCE & ENGINEERING WITH TECHNICAL COMPETENCY TO SERVE THE SOCIETY.

MISSION

TO PROVIDE EXCELLENT LEARNING ENVIRONMENT THROUGH BALANCED CURRICULUM, BEST TEACHING METHODS, INNOVATION, MENTORING, AND INDUSTRY INSTITUTE INTERACTION.



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STUDENTS ACHIEVEMENTS

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Participation in inter-institute events by students of the program of study

The Department shall provide a table indicating those publications, which received awards in the events/conferences organized by other institutes Within the State (2) Outside the State (3) Prized/Awards received (5)

2023-2024

SINo	Student achievement	Remarks
1	Raghav Kumar Jha Krishna Gupta, Krish Gupta, Pratik Sable Won 1st prize in A 24 hour National level web development CTF Hackathon organized by BMSCE IEEE Computer Society on 18-8-2023 at BMS College of Engineering, Bangalore	
2	K Niteesh, He has secured a silver medal in VTU state level 67 kg category weightlifting(Men) Competition on 1-9-2023 at Vemana Institute of Technology. Bangalore	
3	K Niteesh He has secured a gold medal in VTU State level Power lifting competition by lifting a weight of 409 kg under 66kg category. On 7-9-2023 at KLS Gogte Institute of Technology Belagavi	






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2022-2023

SlNo	Student achievement	Remarks
1	Lokesh and Team, Pranav Aditya, Monish S , Murali , Jitendriyadeep Prerna Shankar Won 1st Prize of 1 Lakh Rupees in " Grand Finale Smart India Hackathon" 2022 at Excel Engineering college Erode. On 25-8-2022 at Erode,Tamilnadu	
2	Raghav Kumar Jha, Krishna Gupta, Krish GuptaPratik Sable, Won 2nd prize in "Securehack" A Cyber security Hackathon organized by BMSCE IEEE Computer Society on 1-7-2023 at BMS College of Engineering, Bangalore	
3	Swetha Jaya Kumar Won 1st place in VTU Bangalore North division Table Tennis competition on 12-7-20203 at SVIT Bangalore	



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4	<p>Omkar K Won 2nd place in VTU Bangalore North division Basketball competition on 30-11-2022 NMIT, Bangalore</p>	
5	<p>Abhinav Bhat Won 3rd place in VTU State level Chess competition on 5-12-2022 at NMAMIT, Nitte</p>	



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2021-2022

SINo	Student achievement	Remarks
1	Shashwath Aiyappa and Team Secured 3rd Prize in "prathibotsava" VTU Youth festival on 29-7-2022 at BMSCE,Bangalore	
2	Aishwarya Manjunath Secured 3rd position in Trading Simulation Competition in association with StockGro on 11-10-2021 T IIT Bombay	
3	S Kaushik Winner of "Lense of light photography competition" on 10-12-2021 at Rotract club of Yelahanka	
4	Tejaswini K S 2nd prize in Badminton event as part of utsaha vaibhava on 25-6-2022 at BMSSA	



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5 Poojashree P 1st prize in Badminton in intra branch women badminton competition on 12-6-2021 at BMSIT



2020-2021


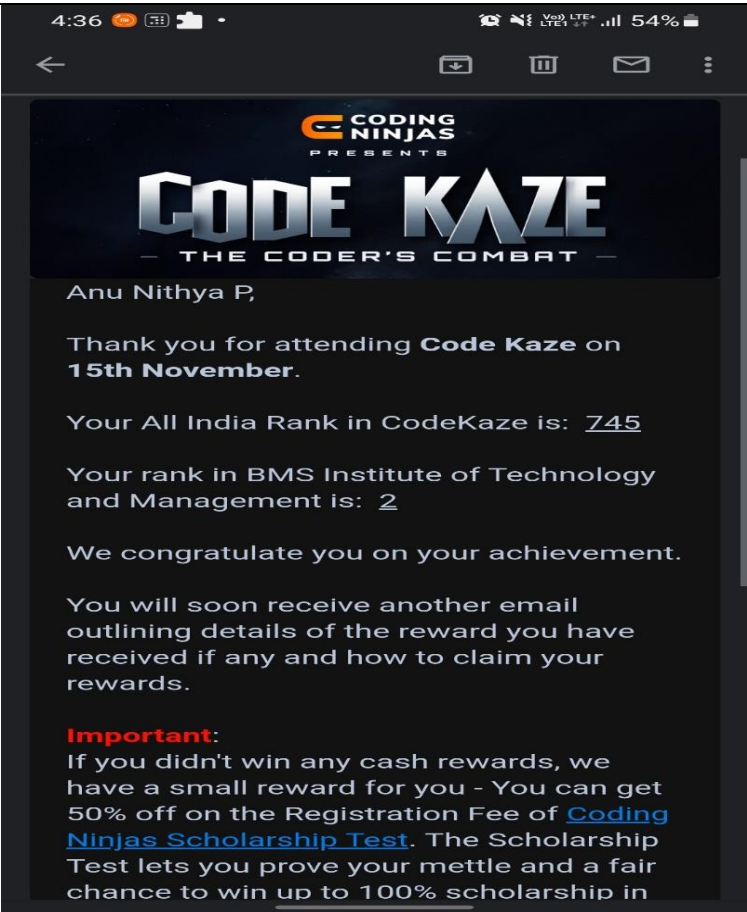
SINo	Student achievement	Remarks
1	Spandana T S, Secured 1st place in VTU South zone Table Tennis tournament on 2021, RV College of Engineering	
2	Swetha jaya Kumar, Secured 3rd place in VTU Inter zone Table Tennis tournament, on 28-11-2021, R V College of Engineering	



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3	<p>Atul Tomar, Secured 2nd Place in the VTU North zone Badminton tournament on 16/11/2021, BMSIT&M Bangalore</p>	
4	<p>Anu Nithya, Won second position in "Code KAZE" and won cash prize of 3000 Rupees on 15/11/2021 (Online platform)</p>	 <p>4:36 54% CODING NINJAS PRESENTS CODE KAZE — THE CODER'S COMBAT — Anu Nithya P, Thank you for attending Code Kaze on 15th November. Your All India Rank in CodeKaze is: <u>745</u> Your rank in BMS Institute of Technology and Management is: <u>2</u> We congratulate you on your achievement. You will soon receive another email outlining details of the reward you have received if any and how to claim your rewards. Important: If you didn't win any cash rewards, we have a small reward for you - You can get 50% off on the Registration Fee of Coding Ninjas Scholarship Test. The Scholarship Test lets you prove your mettle and a fair chance to win <u>up to 100% scholarship</u> in</p>



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5	Shashwath Aiyappa, Won second place in "Earth Trivia" organized by Prakruthi-Nature club of BMSCE on 6/6/2021,at BMSCE Bangalore	
6	Lokesh E, Won 1st place in Bangalore Rural District Chess Championship on 2021,Bangalore	
7	Swetha jaya Kumar, Secured 1st place in VTU North zone Table Tennis tournament on 24-11-2021, Sai Vidya Institute of Technology,Bangalore	
8	Aishwarya Manjunath, Secured 3rd position in Game of stocks organized by Avenues -IIT Bombay on 11-10-2021 at IIT Bombay	



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9	Chaitanya M , Completed NCC 'C' Certificate with 'A' grade on 10/08/2021 NCC Unit	
10	Chaitanya M, Secured rank of CSM(Company Sergeant Major) second highest commanding rank during NCC. On 18/01/2021 at BMSIT College	
11	Raghavendra K M, Completed NCC 'C' Certificate with 'A' grade, on 10/08/2021 at NCC Unit	



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2019-20

SINo	Student achievement	Remarks
1	Rohit Kumar Ojha, Won Cash prize of 40,000 Rupees at TCS Tech Byte State Finals on 2020	
2	Rohit Kumar Ojha, Won Cash prize of 12,000 Rupees at TCS Tech Byte State Finals on 2020	
3	R K Manohar, Secured 1st place in VTU Inter Collegiate Badminton tournament on 24-08-2019, at NMIT Bangalore	






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2018-19

Sl. No	Student achievement	Remarks
1.	Gaurav sarraf of 6th sem has Volunteered Asian Regional Space Settlement Design Competition New Delhi	It is an International Space design competition supported by NASA held on February 10-14, 2019 at at the Kennedy Space Center, New Delhi
2	Agneya Koushik won Second place and received a cash prize of 7.5 lakhs at Dream hack International gaming competition held in Mumbai on 23/12/2018	
3	Agneya Koushik won First place and received a cash prize of 5 lakhs at ESL India gaming competition held in Hyderabad on 13/10/2018	
4	Agneya Koushik won First place and received a cash prize of 3.5 lakhs at ESL India premier summer season gaming competition held in Mumbai on 25/06/2018	





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2017-18

Sl. No	Student achievement	Remarks
1	Gaurav Sarraf has Volunteered Asian Regional Space Settlement Design Competition New Delhi	It is an International Space design competition supported by NASA
2	Agneya Koushik won 1st place and received a cash prize of 3.5 lakhs at ESL Indian masters gaming competition held in New Delhi held on 13/12/2017	
3	Divyatha prabhu won First prize in Kalaanjali an annual fest held in Sir MVIT,Bangalore on October 2017	

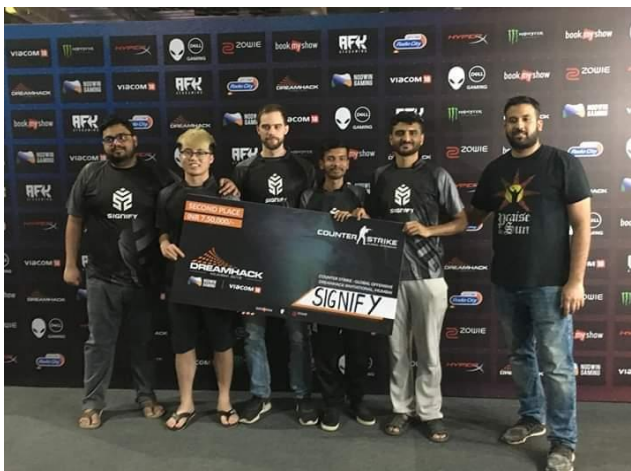


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Sample Photos:





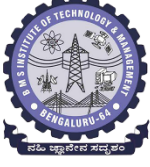
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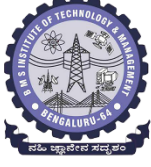
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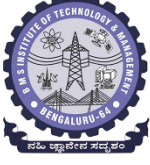
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Department of Physical Education & Sports

Sl. No.	Name	Sem	Event	Date	Venue
1	Piyush Ranjan	4 th	VTU B'loru North Division Football (M)	23 rd & 24 th Aug 2023	SJCIT, Chikkaballapura
2	Parth Nautiyal	2 nd			
3	Shweta Jayakumar	6 th	VTU B'loru North Division Table Tennis (W&W)	12 th & 13 th July 2023	SVIT, Bengaluru
4	Umar Ejaz Imam	4 th			
5	Shashank Saxena	4 th			
6	Arhan Jain	2 nd			
7	Yash Maheshwari	2 nd	VTU State level Taekwondo (M&W)	21 st Aug 2023	SIT, Tumakuru
8	Abhinav Bhatt	4 th	VTU State level Chess (M&W)	12 th & 13 th Aug 2023	SJMIT, Chitradurga
9	Pranav Mishra	2 nd			
10	Abhinav Bhatt	4 th	VTU Bengaluru Division Chess (M&W)	07 th & 08 th Aug 2023	BGSCET, Chitradurga
11	Pranav Mishra	2 nd			
12	Disha R Gowda	2 nd	VTU State level Swimming (M&W)	09 th Aug 2023	MSRIT, Bengaluru
13	Niteesh K	4 th	VTU State level Baseball (M)	25 th to 27 th Aug 2023	VTU PG, Mysuru
14	Mit Patwa	2 nd			
15	Manna Patwa	2 nd			
16	Gaurav Murali	2 nd			
17	Amith Vikram	4 th	VTU B'loru North Division Badminton (W&W)	18 th & 19 th July 2023	BCE, Bengaluru
18	Mimansa Mishra	4 th			
19	Likita Dixit	4 th			
20	Arhan Jain	2 nd			
21	Parth Nautiyal	2 nd	VTU State level Wrestling & Judo (M&W)	12 th & 13 th Dec 2022	VVCE, Mysuru
22	Tarun S	7 th	VTU B'loru North Division Football (M)	02 nd & 03 rd Dec 2022	RLJIT, Doddaballapura
23	Sanath Ingalgi	5 th			
24	Aman Tripathi	5 th			
25	Prathik Lal Naik	5 th	VTU State level Taekwondo (M&W)	20 th & 21 st Dec 2022	SIT, Tumakuru
26	Omkar K	3 rd	VTU State level Basketball (M)	02 nd & 03 rd Dec 2022	NMIT, Bengaluru
27	Nazeef Hasan AGK	7 th	VTU B'loru North Division Chess (W&W)	01 st & 02 nd Dec 2022	Vemanna IT, Bengaluru
28	Poorna N S	7 th			
29	Anusha B N	5 th			

30	Abhinav Bhatt	3 rd	VTU B'luru North Division Chess (W&W)	01 st & 02 nd Dec 2022	Vemanna IT, Bengaluru
31	Pranav Mishra	1 st			
32	Rudresh Kumar Dubey	1 st			
33	Omkar K	3 rd	VTU B'luru North Division Basketball (M)	30 th Nov & 01 st Dec 2022	NMIT, Bengaluru
34	Nazeef Hasan AGK	7 th	VTU State Level Chess (W&W)	05 th & 06 th Dec 2022	NMAMIT, Nitte
35	Poorna N S	7 th			
36	Anusha B N	5 th			
37	Abhinav Bhatt	3 rd			
38	Pranav Mishra	1 st			
39	Abhinav Bhatt	3 rd	South Zone Inter University Chess (M)	10 th to 12 th March 2023	SRM University, TN
40	Niteesh K	3 rd	VTU State Level Power Lifting (W&W)	09 th & 10 th Feb 2023	VVCE, Mysuru
41	Krupa M	1 st			
42	Abhishek Rajput	5 th	VTU State level Tug of War (M)	04 th & 05 th Jan 2023	SVIT, Bengaluru
43	Shreevas Nandan	5 th			
44	Om Kumar Keshri	5 th			
45	Chandan B M	3 rd	VTU B'luru North Division Hockey (M)	09 th & 10 th Nov 2022	SJCIT, Chikkaballapura
46	Niteesh K	3 rd			
47	K V Ragavendra	3 rd			
48	K Eshwar Kumar	3 rd			
49	Abhinav Bhatt	3 rd			
50	Irshad P	3 rd			
51	Dasari Ushodaya	3 rd			
52	G Pritvi	3 rd			
53	Nazeef Hasan AGK	7 th	VTU B'luru North Division Badminton (W&W)	02 nd & 03 rd Nov 2022	NCET, Bengaluru
54	Manasa C B	5 th			
55	Tejaswini K S	5 th			
56	Chaitanya M	8 th	VTU State Level Athletic meet	27 th to 30 th June 2022	SJCIT, Chikkaballapura
57	Abhishek Rajput	4 th			
58	Shiva Ranjan H D	6 th	VTU B'luru North Division Handball (M)	22 nd & 23 rd June 2022	NMIT, Bengaluru
59	Ayush Prakash	6 th			
60	Nazeef Hasan AGK	6 th	VTU B'luru Zone Chess (W&W)	22 nd & 23 rd June 2022	TOCE, Bengaluru
61	Poorna N S	6 th			
62	Samarth R Upadhya	4 th			
63	Anusha B N	4 th			
64	Abhinav Bhatt	2 nd			
65	Tanisha Jain	2 nd			



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STUDENT PUBLICATIONS

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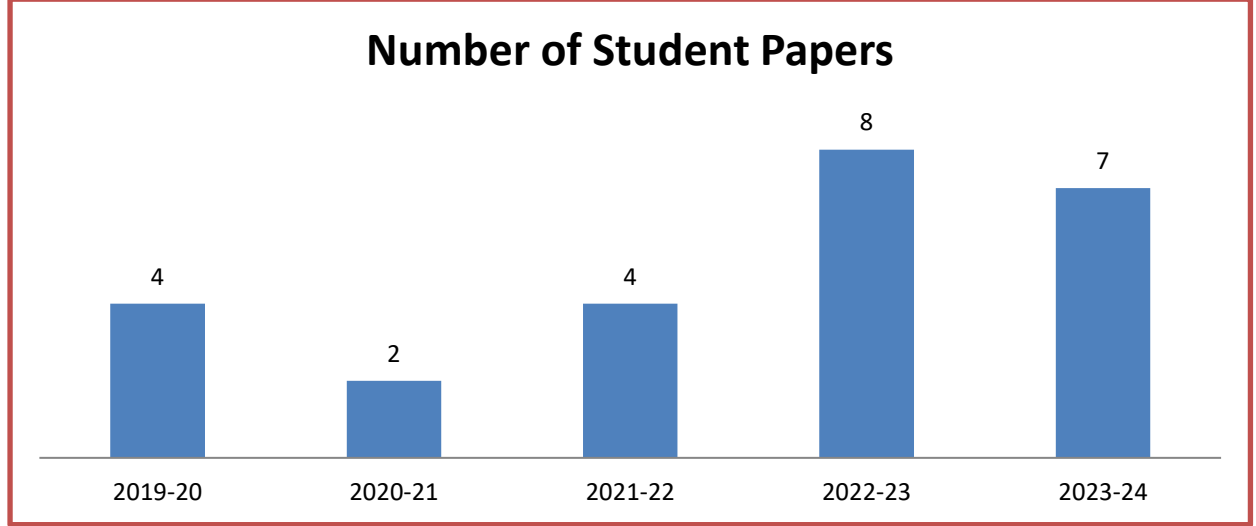
ಬಿ.ಎಂ.ಎಸ್. ತಾಂತ್ರಿಕ ಮತ್ತು ವ್ಯವಸ್ಥಾಪನಾ ಮಹಾವಿದ್ಯಾಲಯ
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Department of Information Science & Engineering

Student Publications

The Department encourages bright students to work towards publications under the mentorship of faculty.



2023-2024

Sl.No.	Project name	Team members	Faculty Mentor	Quality of Completed Projects
1	Approaches and Techniques for Malware Analysis – A Review”	Abdul Sadiq and Team	Dr. Sudhamani M.V.	International Journal of Engineering Research and Applications
2	A Review on Detection and Classification of Lung Nodules using Deep Learning Methods	Suchitra M and Team	Dr. Sudhamani M.V.	International Journal of Engineering Research and Applications
3	Automated microscopic object detection system using image processing.	Sri Sowmya and Team	Prof. Bhavya G.	International Journal of Engineering Research and application
4	Brain Tumor Detection	Sree Priya S	Dr. Anil Kumar	International



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Department of Information Science & Engineering

		and Team		Conference: NMITCON-2023
5	Secure Cloud Computing Environment Using Cryptography	Aayushi Jaiswal And Team	Dr. Basavaraj G N	International Conference: IRFSR
6	Morse code detection from eye blinks using OpenCV	Sushrath S Shetty Suhaas N and Team	Prof. Chetana. C	International Conference: IJSSITE
7	Detecting Vehicular congestion using Fog Computing	Niharika & Team	Dr. Geeta Amol Patil	Published in Journal of Open-Source Developments

2022-2023

Sl.No.	Project name	Team members	Faculty Mentor	Quality of Completed Projects
1	Adaptive Ambulance Monitoring System	Pranav R D Sumukha S	Prof S. Mahalakshmi	Published paper in Scopus indexed International Journal
2	Human Trap detection using convolution Neural Networks	Om Bhargav	Dr. Veena N and Prof.Mahalakshmi	Published paper in Scopus indexed Conference
3	A Survey on machine learning techniques using quantum computing	Adarsh Hiremath	Dr. Manjunath T N	Published in IEEE Conference Indexed in Scopus
4	Developing Virtual Police Station to Receive FIR through Digital Signature	Rakshit Danti & Team	Dr. Swetha M S	Published in IEEE Conference Indexed in Scopus
5	Enhancing ATM Security in the forensic domain using Artificial Intelligence	Atul Tomar & Team	Dr. Swetha M S	River Publishers



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6	Classification of Malicious website using feature-based machine Learning Techniques	Rakshit & Team	Dr. Swetha M S	Published in Springer Nature Singapore, Indexed in Scopus
7	A Study on Big Data Engineering Using Cloud Data Warehouse	KS Ananya Hathwar	Dr. Manjunath T N and Dr. Pushpa S K	Published in Journal Data Engineering and Data Science: Concepts and Applications, John Wiley & Sons
8	Conditional Generative Adversarial Networks for Image Transformation	A.G Guru Dutt & Team	Dr. GireeshBabu	Published in Book chapter Springer LNNS

2021-2022

Sl.No.	Project name	Team members	Faculty Mentor	Quality of Completed Projects
1	Heart Disease Prediction System	Anisha P, Anand S	Dr. Veena N	Published paper in Scopus indexed International conference
2	Diabetic Retinopathy detection using MobileNetV2 Architecture	A.M Pamadi and Team	Dr. Sheela K	Published Paper in IEEE Conference Indexed in Scopus
3	Automated Identification of car parking slot and bill generation system	Raghavendra K M & Team	Prof. Mahalakshmi and Dr. Veena N	Published Paper in IEEE Conference Indexed in Scopus
4	Genetic Algorithm Based Hyper-Parameter Tuning to Improve the Performance of Machine Learning Models	Chetan N & Team	Dr. Shanthi D L	Published in SN Computer Science Journal



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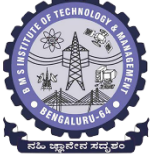
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2020-2021

5	Autonomous Temperature scan system using IoT to detect COVID-19 symptom	Chetan N & Team	Dr. Shanthi D L	Published paper in Scopus indexed International conference
6	Traffic Prediction System using IoT in Smart City Perspective	A S Rakesh & Team	Dr. Shanthi D L	Published paper in Scopus indexed International conference

2019-2020

Sl.No.	Project name	Team members	Faculty Mentor	Quality of Completed Projects
1	Health monitoring system of Automated Sprinkler System using Feedback Mechanism	Pallavi & Team	Prof.S. Mahalakshmi	Published paper in Scopus indexed International conference
2	Exypno steganography	Gaurav sheroff & team	Dr. Swetha M S	Published in Scopus indexed journal
3	IoT Based system for farmers	Nithesh & Team	Dr. Shanthi D L	Published paper in Scopus indexed International conference
4	FM Radio Wave Based Early Earthquake Detection	Haneesh & Team	Dr. Shanthi D L	Published paper in Scopus indexed International conference



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CLUB ACTIVITIES

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AVALAHALLI, YELEHANKA BENGALURU – 64

Department of Information Science and Engineering

CODING CRIB

INDEX SHEET

Sl.No	Academic Year	Total Number of Activities Conducted
1	2022-23	2
2	2021-22	4
3	2020-21	8
4	2019-20	14



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Department of Information Science and Engineering

CODING CRIB LIST OF ACTIVITIES

Sl.NO	Name of the activity	Date of Conduction	Total Number of students participated
2022-23			
1	CodeSprint- Coding Competition	10 th June 2023	20
2	Reboot: Coding Quiz Competition	22 nd July 2022	46
2021-22			
1	Internet of Things –hands on approach	17th June 2022	66
2	Hackathon - Silver Series	14 th October 2021	45
3	The Crib Quiz	16 th August 2021– 13 th September 2021	25
4	A Technical Talk on placements was given by Mr. Arsh Goyal	7 th August 2021	75
2020-21			
1	Codeathon 2.0	30 th August 2020	99
2	Webinar on “Introduction to data Science”	18 th September 2020	26
3	Webinar on “Unchain Django”	18 th -20 th November 2020	40
4	Quaranhunt	18 th December 2020	30
5	House of code	19 th December 2020	30
6	Win at On-Campus Interviews	4th December 2020	65
7	Hackathon 3.0	9th July 2021	100
8	Technovation	18th June 2021	49
2019-20			
1	Codeathon 1.0	6 th March 2020	17
2	Webinar on “Oppurtunity to become a good coder”	3 rd April 2020	27
3	Webinar on “How to prepare for competitive coding and placements”	17 th April 2020	130

4	Webinar on “The power of python”	24 th April 2020	36
5	Webinar on “Web development for everyone”	12 th May 2020	27
6	Series of Coding Quiz	Every Monday of July 2020	70
7	Codeathon 2.0	30 th August 2020	99
8	Webinar on “Introduction to data Science”	18 th September 2020	26
9	Webinar on “Unchain Django”	18 th -20 th November 2020	40
10	Quarant hunt	18 th December 2020	30
11	House of code	19 th December 2020	30
12	Win at On-Campus Interviews	4th December 2020	65
13	Hackathon 3.0	9 th July 2021	100
14	Technovation	18 th June 2021	49



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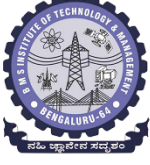
INDEX SHEET

Sl.No	Academic Year	Total Number of Activities Conducted
1	2022-23	3
2	2023-24	3



LIST OF ACTIVITIES

SL.NO	Name of the activity	Date of Conduction	Total Number of students participated
2022-23			
1	RECON-Get started with cyber security	9 th of December 2022	63
2	Ethical Hacking for Beginners – A free hands-on penetration testing webinar	14 th of January 2023	50
3	NULL and VOID Quiz	May 4th, 2023,	80
2023-24			
4	Career Opportunities In Cyber Security	October 19th 2023	90
5	Adding Context to Threat Intelligence using Generative AI	December 16th, 2023	45
6	Information Security in Payment Industries	December 21st, 2023	65



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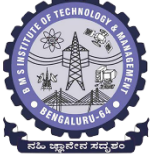
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PATENT FILED

2018-2019

Year	Project name	Team members	Faculty Mentor	Quality of Completed Projects
2018-19	Mobile Railway Track Fault Detection System with Internet of Thing and Machine Learning	Jayanth G, Nikhil S, Pathan Aseef Khan	Prof. Vinutha K	Patent Filed: Patent Application Number 202141000383



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

PROJECTS FUNDED BY KSCST & VTU

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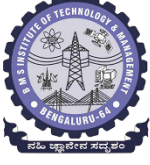
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PROJECTS FUNDED BY KSCST

Sl.No.	Project name	Team members	Faculty Mentor	Funded
2022-23	Soil analysis and crop suggestion using IoT and Machine learning	Tharang S Kaushik K. Sathvik P. Roshini Sanikop	Dr. Shanti D.L. Rs.	Rs. 4000/- funded by KSCST
2020-21	Automatic waste segregation using Image processing and robotic arm	Hariprasad & team	Dr. Rudresh Shirwarkar	Rs. 4000/- funded by KSCST

PROJECTS FUNDED BY VTU

Year	Project name	Team members	Faculty Mentor
2020-21	IoT based Smart Traffic Signal Monitoring System	Tanay Tadas & team	Dr. Sridhar Sanshi
2020-21	Human Trap Detection During Calamities using CNN	Simran & Team	Dr. Veena
2020-21	Detection of Covid 19 and its Severity using Deep Learning	Samrudhi Shetty & Team	Dr. Sheela Kathavate
2021-22	SvayaKT - An E-Agriculture Ecosystem	Karan Venkatesh Ananth D, Adarsh H Nirisha B	Dr. S. K. Pushpa
2021-22	Adaptive Ambulance Monitoring System	Shohebahmed Pranav R D, Sumukha Nithin UralaM R	Prof S. Mahalakshmi



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

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VTU RANK HOLDERS

Year	Student Name	USN	Rank
2022-23	MR. AKASH NIRAJ	1BY19IS016	5 th
2021-22	MR. B E ABHIJITH	1BY18IS034	2 nd
2021-22	MR. PRASHANTH R	1BY18IS089	8 th
2021-22	MS. AKANKSHA TANU	1BY18IS012	10 th
2020-21	MS. NIDHA MARIAM S A	1BY17IS034	9 th
2016-17	MS. TEJASWINI	1BY13IS052	3 rd



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