

NEWSLETTER

Department of Computer Science & Engineering

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**SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udipi)

Approved by AICTE, New Delhi; Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi
Vishwothama Nagar, Bantakal - 574115, Udipi District, Karnataka.

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Department of Computer Science & Engineering

VISION

To become a Centre of excellence, in the field of Computer Science and Engineering education and research, catering the needs of the industry and society.

MISSION

To educate the Computer Science Engineering aspirants with basic and advanced technologies, who can make a difference in competitive environments, continuously improve their technological skills, communicate effectively and be faithful to ethical values.

PROGRAMME EDUCATIONAL OBJECTIVES

The graduates of Computer Science and Engineering should have -

1. The fundamental knowledge in Computer Science and Engineering to work in diverse fields of Computer Science and Engineering Industry.
2. Ability to express and demonstrate the technological skill-set to arrive at a solution to the real-world problems
3. Ability to contribute in a team, for multidisciplinary projects with effective interaction amongst peers.
4. The zeal of being updated in technology front through continuous learning.

PROGRAMME OUTCOMES

Graduates of Computer Science and Engineering programme will be able to:

1. Acquire basic knowledge of mathematics, science and engineering.
2. Identify, formulate and solve real world problems using computing requirements.
3. Conduct investigations, interpret data and provide conclusions regarding problems related to Computer Science & Engineering.
4. Design, implement and evaluate a computer-based system to meet desired needs with appropriate societal considerations.
5. Use appropriate techniques, skills, and modern tools necessary for computing practice.
6. Demonstrate the ability of using acquired knowledge to analyse and solve societal issues.
7. Find sustainable solutions to the problems with the knowledge of the impact of engineering solutions in environmental contexts.
8. Exhibit an understanding of professional, ethical, legal and social issues and responsibilities.
9. Function effectively as an individual as well as in a group with leadership qualities.
10. Effectively interact with diverse group of people.
11. Do their work with efficient resource management in a multidisciplinary environment.
12. Understand the need for upgrading themselves through continuous learning.

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PROGRAMME SPECIFIC OBJECTIVES

At the end of the programme graduates will –

1. Be able to design, implement, test and evaluate a computer system, component or algorithm to solve a real world problem using appropriate data structures.
2. Be able to successfully adapt to the changes in the field of computer science & engineering for both personal and professional growth.

Major Departmental Activities

Career Prospects after engineering

Student chapter of ISTE of Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal conducted a program on 'Career Prospects after Engineering' for the 3rd Semester students on 29 August, 2018.

Mr. Rajath spoke on entrepreneurship, job prospects in software engineering and technical certifications available for the aspirants. Mr. Haripriya Aithal spoke on opportunities in Government/ Public Sector Institutes like ISRO, BARC, DRDO as well as in Banks. Ms. Samanvitha Bhagavath gave information about the selection process for UPSC (IAS, IPS, IFS, IES) and Staff Selection Commission. Mr. Shrivishnu talked about GRE, TOEFL, GATE, CAT, and GMAT.



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Mock Placement Interview

Mock placement interview for the students of final year CSE was conducted on 08-Sep-2018 by the Department of Computer Science of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal.

The mock interview included:

General Aptitude - MCQs in round 1, Coding using C/C++ in round 2 and Technical + HR interview in round 3.

Three parallel sessions on Technical and HR interview were conducted by Dr. Vasudeva (HOD), Mr. Manoj T as well as Ms. Tejaswini H, Assistant Professors of the department of Computer Science and Engineering.

The process was concluded by a discussion about feasible solutions to the problems by Mr. Shrivishnu.



Value added course on Communication Skills development by Language Lab/CCC

The language lab/CCC committee of the department of CSE conducted a value added course on communication skill development from the month of July till December 2018 for the 5th semester students of CSE. The sessions were engaged by Ms. Yashaswini Jogi and Ms. Sahana, Assistant Professors of the department of CSE.



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MENTORING in ATAL TINKERING LABS:

Department of Computer Science and Engineering started mentoring students in ATAL Tinkering Lab (ATL), which is an approach of the Central government of India to create an environment of scientific temperament, innovation, creativity amongst Indian Students. It is a step towards a new India With an intention to create a scientific temperament and cultivate the spirit of curiosity and innovation among the youth.

Under the guidance of Dr. Vasudeva department of Computer Science & Engineering along with other departments have reached few remote schools as well as pre-university colleges in the vicinity of Udupi district and is trying to kindle interest about technology among the students.

So far department of CSE is successfully mentoring students of Government P U College of Bailuru, Government P U College of Hiriadka, Government P U College of Brahmavara and Shri Durga Parameshwari Temple P U College of Kateel via Atal Tinkering Lab.



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Alumni Talk by Ms. Vani V Bhat

Ms. Vani V Bhat , former student of SMVITM and currently a Trainee Project Analyst in Juego Studio of Mangalore shared her journey from the institution to the industry with pre-final year students in an alumni interaction activity, arranged by the Department of Computer Science and Engineering in association with the Alumni Cell, on 15 September, 2018.

Ms. Tejaswini H, welcomed the gathering and introduced the speaker to the audience. Dr. Vasudeva, HOD, Department of CSE presented the memento to the Guest speaker and Ms. Anujna Rao delivered vote of thanks.



Video Editing Competition – ‘Edit-O-Mania’

The ISTE Student Chapter of SMVITM, in association with the department of Computer Science and Engineering conducted a ‘Video Editing Competition - Edit-O-Mania’ on Saturday 29th September 2018 for the students of all branches of the institution.

Deepak Nayak of 2nd year CSE bagged the first place and Varun Rao of final year CSE won the second spot. The event was coordinated by Ms. Chaithra Pai , Ms. Samnvitha Bhagavath and Mr.Rakshith, students of the department of Computer Science and Engineering.



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IEEE Student Branch Inaugurated at SMVITM Bantakal

Student branch of IEEE (Institute of Electrical and Electronics Engineers) was inaugurated at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal on 19 September, 2018. Dr. Muralidhar Kulkarni, Senior member of IEEE and Professor of ECE Department, NITK Surathkal was the chief guest of the function. Shri Rathnakumar, Secretary, SSVMET, Udupi presided over the function. In his inaugural address Prof. Kulkarni said about the multifarious benefits if one affords to become an IEEE member. Prof. Vasudeva, Student branch counsellor introduced the officers of the student branch to the gathering.

In his presidential address, Shri RathnaKumar congratulated the IEEE Student Chapter of the institution and principal Dr. Thirumaleshwara Bhat wished all the success in near future.

Mr. Shrivishnu, Chair, Student Branch welcomed the gathering and Ms. Prerana P, Treasurer proposed the vote of thanks.



Clash of Codes

This event was organized under the aegis of IEEE Student Chapter as well as CodeTroopers Student club for the enthusiasts in programming on October 6, 2018. Mr.Gautam Naik of 5th semester CSE bagged the first place and Steve Neil Martis of 5th semester, CSE secured second.



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Alumni Talk by Mr. Karthik Bhat

Department of Computer Science and Engineering in association with Alumni Cell had organized an alumni interaction activity for the students of final year CSE on 06 October, 2018.

Mr. Karthik Bhat, Engineer in Mindtree of Bengaluru and a former student of SMVITM was the speaker, said about his current job profile, it's various types, dimensions and differences. Mr. Karthik also explained about various tools, programming languages and necessary frameworks to develop useful projects.

Ms. Tejaswini H. welcomed the gathering and introduced the speaker to the audience. Dr. Vasudeva, HOD, Department of CSE presented the memento, Ms. Anujna Rao delivered vote of thanks.



First Look- Poster Presentation by Language Lab/CCC

Language Lab of SMVITM had organized a poster presentation competition in the Central Computer Centre of the department of Computer Science and Engineering on October 03, 2018.

Mr. Nagraj Bhat & Ms. Priyanka, Assistant Professors of the department of CSE were the judges for the event. Mr. Sumantha of final year Civil Engineering bagged the first place and Mr. Vishwas got second.



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Embark your journey of Python Programming

ISTE Student Chapter had organized a two-day hands-on workshop on 'Embark your journey of Python Programming' for the students of the institution from 22nd to 23rd October 2018.

Dr.Vasudeva, Head and Professor, Dept. of CSE, highlighted the need of mastering problem solving techniques with programming languages both academia as well as industry in his opening remarks.

Mr.Manoj T, Assistant Professor, Dept. of CSE and Ms.Tejaswini H, Assistant Professor, Dept. of CSE were the resource persons for the workshop. The overall program was coordinated by Dr.Vasudeva, Head and Professor, Dept. of CSE along with the the IEEE Student Chapter volunteers.

Enhancing Communication Skills

A one-day workshop on Enhancing Communication Skills for the V semester students CSE was organised at the Institute premises on 31 October 2018.

The Chief Resource person, Ms. Neetha Kishore, Professor, Department of English was assisted by Ms. Yashaswini Jogi and Ms. Sahana Karanth, Assistant Professors, Department of CSE in conducting the workshop.

Giving useful tips to improve the communication skills Ms.Neetha Kishore made a presentation on spoken English as well. The program was concluded by Ms. Sahana Karanth.



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National Level Student Convention/Project Exhibition on Industrial Internet of Things(IIoT – 2K18)

Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal, under the aegis of the Student Chapters of the Indian Society for Technical Education (ISTE), Internet of Things (IoT) Club and IEEE together had organized a National Level Student Convention/Project Exhibition on Industrial Internet of Things (IIoT - 2K18) at the institute premises on 27th October 2018. More than 40 teams from various Engineering colleges across the state exhibited their project models in the event.

The Convention cum Exhibition was inaugurated by the Chief Guest Mr. Rathan Rao Pathur, Chief Technical Officer, Tayana Software Solutions, Bengaluru and the Guest of honor Mr. Krishnaraja, Director, Infosys Technologies, Mangaluru along with Dr. Radhakrishna S. Aithal, GC Member, Shri Sode Vadiraja Mutt Education Trust (SSVMET) who presided over the function. Prof. Dr. Thirumaleshwara Bhat, Principal and Dr. Vasudeva, Convener – IIoT 2K18 were also on the dais.

Mr. Rathan Rao Pathur said that, a project is a continuous process which gradually leads to a product. Technology has made life easy as well as as lazy, so science, technology and life should go together, he said. Key to success is through right decisions which are gained by experience drawn from wrong decisions, he added.

Later, Mr. Krishnaraja expressed his happiness to have chosen IoT itself as a theme, he also suggested the students to transform to individuals who could contribute towards the society.

In his Presidential Address, Dr. Radhakrishna S. Aithal spoke about the history and gradual evolution of IoT in this institute under his tenure. He stated that our institute was the pioneer in launching events of IoT in this belt and to have made popular in the coastal region.

Rakesh Shiriyara, CISCO Systems India Pvt. Ltd. ,Shripad Hebbar, Principal Architect, Robosoft Technologies, Udupi, Chandrakant Sakharwade, Scientist, Pavitra Nayak, Alumni of SMVITM and Software Engineer, Manipal Dot Net, Manipal and Siju V Soman, Former Asst. Professor of SMVITM, Chandrashekar Rao Kuthyar, Lead Consultant of Sangam One Pvt. Ltd. were the jury members for Project Exhibition and Student Convention respectively.

In the valedictory, Dr. Prashanth Bhat Chief Technical Officer, Manipal Dot Net,Manipal, was the chief guest. Congratulating all the participants in his address he said about the various technological challenges in the field of IOT and later he appreciated the quality of the projects that were exhibited in this symposium.

First prize was bagged by the team of Deepak Nayak, Ullas,Sourabh Shetty and Abhijith Serigara of second year CSE, second prize was earned by Yahya Asadi, Poojary Shubham and C Gagan Babu of second year. Team of Shetty Latish Bhaskar ,Mahesh Acharya, Reeve Nelson Lobo of final year; team of Preetham , Harish Acharya , Shrivathsa Acharya and Nikhilesh of first year and team of Vimitha,Y V Sneha ,Vaishali and Rieona Fernandes of third year got consolation prizes.

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Technical Talk by Mr. Krishnaraja, Infosys, Mangaluru

Mr. Krishnaraja, Director, Infosys Technologies, Mangalore addressed the students on the topic "Recent developments and trends in IT industry" at Shri Madhwa Vadiraja Institute of Technology and Management, on 27 October, 2018.

Infosys Industrial Visit

A one day industrial visit to Infosys Nethra Campus located at Mudipu, Mangaluru was jointly organized by IEEE Student Chapter and ISTE Student Chapter for the final year students of CSE on 12 November 2018. Totally 83 students from the department of CSE visited the campus accompanied by three faculty members Mr.Venugopal Rao A S, Mr.Manoj T and Ms.Swathi Prabhu.

During the visit, students were had an introductory session to the products as well as services, work culture and CSR activities of Infosys by Ms.Veena Amrith, Senior Member, Education Training and Assessment of Infosys. Later, technical sessions were held by Mr.Suryanarayana and Mr.VipinSai, Lead Trainers of Infosys, where they emphasized the need for continuous learning and upscaling of trending technologies such as Robotic Process Automation, Blockchain Technology,Cloud storage etc.

A brief campus tour was taken later where the students were shown the general workflow of a software industry.



Placement details of the department of Computer Science and Engineering:

A decent number of students of the department of Computer Science and Engineering are already placed in various firms in campus drives held recently. Following are the list of students who got placed in during campus recruitment process:

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#	STUDENT NAME	NAME OF THE FIRM
1	AKSHITA SALIAN	Robosoft Technologies Pvt. Ltd, Udupi
2	AMANDA JANICE GOMES	Robosoft Technologies Pvt. Ltd, Udupi
3	APOORVA R	Robosoft Technologies Pvt. Ltd, Udupi
4	BLESSWINISWIDOL	Robosoft Technologies Pvt. Ltd, Udupi
5	CHAITHRA K PAI	Specbee Consulting Services Pvt. Ltd, Bengaluru
6	SWATHI G	Specbee Consulting Services Pvt. Ltd, Bengaluru
7	VARUN RAO B	Specbee Consulting Services Pvt. Ltd, Bengaluru
8	DHANUSHREE	SLK Software Services Pvt. Ltd., Bengaluru
9	K.SRIDEVI.RAO	SLK Software Services Pvt. Ltd., Bengaluru
10	MEGHA S SAMAGA	SLK Software Services Pvt. Ltd., Bengaluru
11	U NAGENDRA	SLK Software Services Pvt. Ltd., Bengaluru
12	DANEENA DEEKSHA DSOUZA	Tayana Software Solutions Pvt. Ltd.
13	SAHANA UDUPA	Tayana Software Solutions Pvt. Ltd.
14	SWATHI G	Tata Consultancy Services Ltd
15	PAVITRA	Mphasis Limited, Bengaluru.
16	SWASTIKA	Mphasis Limited, Bengaluru.
17	SAGAR	Mphasis Limited, Bengaluru.
18	AISHWARYA C	PathFront, Bengaluru
19	CHAITHANYA PADMASHALI	PathFront, Bengaluru
20	H ANUSHA PRABHU	PathFront, Bengaluru
21	NAVYA V. PAI	PathFront, Bengaluru
22	NEHA KRISHNAMURTHY	PathFront, Bengaluru
23	NOOTANA GOVINDHEBBAR	PathFront, Bengaluru
24	PRAGATHI M.K	PathFront, Bengaluru
25	PRAJNA	PathFront, Bengaluru
26	SHILPA BHAT	PathFront, Bengaluru
27	SHREYA U K RAO	PathFront, Bengaluru
28	SUSHMITHA	PathFront, Bengaluru
29	SWASTIKA S SANIL	PathFront, Bengaluru
30	SWATHI A KARKERA	PathFront, Bengaluru
31	B K MANOJ	PathFront, Bengaluru
32	HARIPRIYAS AITHAL	Juego Studio Pvt. Ltd
33	SAMANVITHA A BHAGAVATH	Juego Studio Pvt. Ltd
34	RAJATH	Juego Studio Pvt. Ltd
35	AVANI	Wipro Limited, Bengaluru
36	CHAITHRA K PAI	Wipro Limited, Bengaluru
37	DANEENA DEEKSHA DSOUZA	Wipro Limited, Bengaluru
38	H ANUSHA PRABHU	Wipro Limited, Bengaluru
39	JENSIA DSOUZA	Wipro Limited, Bengaluru
40	MEGHA S SAMAGA	Wipro Limited, Bengaluru
41	SAHANA UDUPA	Wipro Limited, Bengaluru
42	SWATHI G POOJARY	Wipro Limited, Bengaluru
43	POOJA K R	Wipro Limited, Bengaluru

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Student Achievements:

Prajna Nayak was honoured with gold medal for being in the topper in 2014-18 batch in Computer Science & Engineering Branch during Graduation Ceremony held on 4 November, 2018. His Holiness Shri Shri Vishwavallabha Theertha Swamiji honoured her with the medal sponsored by S L Shet Jewellers, Mangaluru. To commemorate her achievement, she planted a sapling in the campus.



Hensen Clyde Lobo of second year Computer Science and Engineering won first prize in photography competition which was held at MITE Moodbidri on 6 Oct 2018, as part of 15th ISTE State Level Student Convention-2018.



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3. Ms. Chaitra K Pai, a VII Semester Computer Science & Engineering student of Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal was given the 'Best Student Award' during the 15th ISTE State Level Annual Student Convention 2018 held on Saturday, 06 October 2018 at Mangalore Institute of Technology, Moodabidri. Dr. C K Subbaraya, Chairman of ISTE Karnataka section honored the student during the inaugural ceremony of ISTE Annual student convention.



Ms. Sahana Udupa of 7th semester CSE won 2nd place in Classical Vocal Solo singing competition in 'Janani 2018-VTU Youth Fest' held at Bheemanna khandre Institute Of Technology, Bhalki from 2nd to 4th November, 2018.

Mr. Ranjan, Mr. Shreekara and Mr. Trivikram Bhat of the department of CSE secured 2nd place in Folk Orchestra of 'Janani 2018-VTU Youth Fest' held at Bheemanna khandre Institute Of Technology, Bhalki from 2nd to 4th November, 2018.

Mr. Shreekara of 5th semester, CSE secured 3rd place in Rangoli competition in 'Janani 2018-VTU Youth Fest' held at Bheemanna khandre Institute Of Technology, Bhalki from 2nd to 4th November, 2018.

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The following students of Computer Science & Engineering participated and won prizes in Joshiana 9.0, National Level Technical Fest, held at St. Joseph Engineering College, Vamanjoor, Mangaluru on 27 and 28 September, 2018.

Shri Vishnu - 1st Prize in Coding

Rajath Ashutosh Kumar - 1st Prize in Video Editing

Yahya Asadi - 1st Prize in Product Launch

Raunak Chaudhary and Ahmad Faheem - 2nd Prize in IT Parliament

Steve Neil Martis - 2nd Prize in Video editing



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Staff Accomplishments

Dr. Vasudeva

- Chaired a technical paper presentation session on Distributed Computing in DISCOVER-2018, an IEEE International Conference on Distributed Computing, Communications, VLSI, Electronic & Electrical circuits and Robotics held at Mangalore Institute of Technology & Engineering, Moodabidri from 13 to 14 august, 2018
- Participated in IEEE Conference on All India Students, Young professionals, Women in Engineering Congress from 28 - 30 September, 2018 held at Vidya Vikas Institute of Engineering and technology, Mysuru.



- Participated as judge for the science model exhibition held at Anandatheertha Vidyalaya, Pajaka on 13 november, 2018



- Selected as Treasurer of IEEE Mangalore Sub section for the year 2019 (January - December).

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Ms. Tejaswini H

- Attended a faculty development program on "Machine Learning", from 23-27 July, 2018, at SJEC, Mangalore.
- Participated in workshop on Special Lecture Series: "IEEE Day" on 2 October 2018 at Manipal Dot Net Pvt. Ltd.
- Successfully completed "Introduction to Machine Learning" NPTEL Online course.
- Conducted workshop on "Embark your journey of Python Programming", on 22, 23 October 2018 and 1 November 2018 at SMVITM, Bantakal.

Mr. Manoj T

- Attended a faculty development program on "Machine Learning", from 23-27 July, 2018, at SJEC, Mangalore.
- Attended a faculty development program on "Artificial Intelligence and Deep Learning" on 11-13 August, 2018 at KLE University, Hubballi.
- Participated in workshop on Special Lecture Series: "IEEE Day" on 2 October 2018 at Manipal Dot Net Pvt. Ltd.
- Participated in workshop on "IEEE Summit on Technology Trends and Advancements in Healthcare" on 17 November 2018 at CEC, Mangaluru.
- Successfully completed "Introduction to Machine Learning" NPTEL online course with elite grade.
- Conducted workshop on 'Embark your journey of Python Programming', on 22, 23 October 2018 and 1 November 2018 at SMVITM, Bantakal.

Mr. Venugopala Rao A S

- Attended a faculty development program on "Computer Networks and Cyber Security" from 16-20 July 2018 at SJCE Mysuru.

Mr. Praveen M Naik

- Attended a faculty development program on "Internet of Things", on 7th-8th September 2018 at RVCE, Bengaluru.

Ms. Sneha N S

- FDP on "Introduction to Basic Spoken Sanskrit" from August 2018-September 2018 conducted by NPTEL online course.
- Obtained "Elite" Grade in NPTEL online certification for the course "The Joy of Computing using Python".
- Obtained "Elite" Grade in NPTEL online certification for the course "Introduction to Basic Spoken Sanskrit".

Mr. Deepak Rao M.

- Participated in workshop on Special Lecture Series: "IEEE Day" on 2 October 2018 at Manipal Dot Net Pvt. Ltd.

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Mr. BN Ramachandra

- Attended a TEQIP-III sponsored one day state level Train the Trainer workshop on 'Challenges and Opportunities in the Implementation of NSS in the Present Scenario' in BMSCE, Bengaluru on September 26, 2018.

Mr. Jayaram CV

Participated and won the prizes in Inter District Masters Athletic Championship - 2018 held on 11 November 2018 at Mahatma Gandhi Stadium, Ajjerkad, Udupi, which was organized by Udupi Masters Athletic Association (Regd).

- 1) Long Jump (4.64 Mts) - 1st Place
- 2) High Jump(1.35 Mts) - 2nd Place
- 3) Race(100 Mts) - 2nd Place



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Farewell to two teaching and one non-teaching staff:

Department of Computer Science and Engineering bidded farewell for two teaching faculty and one lab instructor in this semester.

Mr. Bhaskar, lab instructor of the department of CSE got relieved from the duties for better career prospects on November 30, 2018.

Ms. Shiny Melita DSouza, Assistant Professor of the department of CSE got relieved from the duties on December 15, 2018 as well as Mr. Jayaram CV, Senior Assistant Professor of the department of CSE got relieved from the duties on January 31, 2019. The management, principal, HOD and all the staff extend their best wishes to all for future endeavors.



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