



SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU



DEPT. OF COMPUTER SCIENCE & ENGINEERING

Cache

2k18

achievements

ART

inovations

Vol II

Even Semester
2018

Updates

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**EDITORIAL
TEAM**

MESSAGE FROM THE HOD'S DESK



Dear Reader

Greetings

I feel privileged in presenting our department News Letter “CACHE-2K18 - VOL II” it is designed to showcase the talents of our students and faculty members. With a sense of pride and satisfaction. I would like to say with the active support of management ,Director ,Principal faculty members and students , the department news -letter has come alive . I extend my thanks to my colleagues for being a part of the editorial board. With all the efforts and contributions put in by the faculty members and students; This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to department.

*Dr J V Gorabal
Professor & HoD*

Vision

To be a globally recognized center for imparting quality technical education through innovative research and incubation with moral values in the field of computer science and engineering.

Mission

M1: Inculcating quality teaching learning process by creating in-house industry-institute interactions to meet the societal needs.

M2: Developing research and entrepreneurship culture in students and faculty to cultivate lifelong learning.

M3: Empowering professionals with strong ethical values and leadership abilities.

PROGRAMME EDUCATIONAL OBJECTIVES(PEOS)

- Engage in solving real life problems by applying the gained technical knowledge and lifelong learning.
- To Encourage students for higher studies and indulge in research activities.
- To Excel as a team leader, entrepreneur and a member in multidisciplinary environment.
- Ability to apply modern tools, skills and techniques to develop software and hardware systems to meet the need of the modern society.
- Practice moral and ethical values to solve environmental and societal issues in the field of computer science and engineering.

PROGRAMME OUTCOME

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

P04: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES(PSOs)

PSO 1: Ability to analyze, design and develop hardware and software systems in emerging fields of computer science.

PSO 2: Acquaint with the contemporary trends associated with industries and research to innovate novel solutions for societal issues.

PSO 3: Ability to equip and practice modern computer languages to develop solutions for heterogeneous platforms

SAHYADRIAN RECRUITED BY MICROSOFT INDIA (R&D) PVT. LTD. AT A SALARY PACKAGE OF RS. 10.00 LAKHS PER ANNUM

Ms. Pratheeksha S Karandoor from the 2019 passed out batch of Computer Science & Engineering was recruited by Microsoft for the position of Support Engineer with a package of Rs.10.00 Lakhs per annum. Pratheeksha had applied for the post of Support Engineer through the Microsoft job portal, post which she got an interview call at Microsoft Bengaluru. She had to undergo 3 rounds including Group Discussion followed by Technical & HR round before being offered the job role. Microsoft was established in 1990, and is the largest campus of Microsoft in India. It houses Microsoft's biggest research and development facility outside the United States. Microsoft's offices in India are in Hyderabad, Bangalore, Delhi, Pune, and Mumbai. The Microsoft is a publicly-traded company known for producing and selling the Windows operating system, as well as software programs such as Microsoft Word, Microsoft Outlook and Microsoft Internet Explorer.



SAHYADRIAN RECRUITED BY RIBBON COMMUNICATIONS AT A SALARY PACKAGE OF RS. 6.4 LAKHS PER ANNUM

Ms. Neha C Poojari from the 2019 passed out batch of Department of Computer Science & Engineering was recruited by Ribbon Communications, Bengaluru for the role of a Software Developer with a package of Rs. 6.4 Lakh per annum. The interview was held on 8th July '19 in Bengaluru and the selection process was of 2 stages - Online Assessment (Aptitude + Programming) and Face to face interview.



Ribbon Communications builds secure real-time communications tools for both legacy networks and next-generation mobile and cloud environments. Born out of the recent Sonus Networks and GENBAND merger that was finalized last October, Ribbon Communications brings together two companies that have been at the forefront of real-time communications for the past two decades into one unified organization.

SAHYADRIAN RECRUITED BY ADOBE SYSTEMS AT A SALARY PACKAGE OF RS. 10.61 LAKHS PER ANNUM



Ms. Megha Bhat from the Dept. of Computer Science & Engineering of 2019 outgoing batch was recruited by Adobe systems for the position of Software Engineer with a package of Rs.10.61 Lakhs per annum in the recently held recruitment drive.

Meaningful work, constant learning, and a community guided by core values that promote quality, creativity, and opportunity - That's what Adobe believes in and is reflected in whatever they do. At Adobe, you won't just work, you'll thrive. Their career opportunities, benefits, and culture create amazing experiences. Adobe is changing the world through digital experiences. Their creative, marketing, and document solutions empower everyone- from emerging artists to global brands- to bring digital creations to life and deliver them to the right person at the right moment for the best results. Adobe is one of the largest and most diversified software companies in the world with 16,000 Employees in 37 countries. Only Adobe gives people everything they need to design and deliver exceptional digital experiences. Adobe offers Adobe Creative Cloud, Adobe Document Cloud, Adobe Marketing Cloud

FACULTY ATTENDS THE 'INFOSYS CAMPUS CONNECT' PROGRAMME AT VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, THRISSU




Prof. Vijay C P, Dept. Computer Science and Engineering has attended a Six-Day Infosys CampusConnect programme at Vidya Academy of Science & Technology, Thrissur during 24th to 29th June'19. The programme was on InfyTQ platform. At the end of the workshop, online assessment was conducted in which he secured an 'A' Grade.

InfyTQ is a learning platform developed by Infosys to make students industry ready. Students have to register in the portal, post which they can take courses and register for certification exam. If students clear the exam, spot interview will be conducted for selection. Students of any department can log on to: infytq.infosys.com to register.

A TWO-DAYS WORKSHOP FOR FRESHERS ORGANIZED BY GOOGLE ACSA PROGRAM









After being selected as Google ACSA Facilitator for 2017-18, Mr. Prathviraj Shetty from the department of Computer Science & Engineering (CSE) was invited for a two day boot camp at Google Office, Bangalore where he was trained to deliver effective workshops.

The workshop was conducted with a collaborative effort by Sahyadri Open Source Community (SOSC) members and Mr. Prathviraj Shetty as speakers under the able guidance and mentorship of Mr. Johnson Tellis, DTLabz and Dr. J V Gorabal, Dean (Academics). Over 70 students were trained in Android and CS practice during the workshop.

Applied CS with Android is an initiative to bring in practical applications into CS Theory. It gives them a strong foundation in algorithms and data structures. The program employs a "Flipped Classroom" approach where students learn through collaboration with other participants and hands on coding experience. It gives them exposure to real world Android Application development as the participants create games for mobile devices.

The workshop started with basics of Computer Science and C programming. The units covered during the workshop were Anagrams, Scarnes' Dice, WordStack, Ghost and Ghost II. The freshers brought in a lot of energy into the workshop and enjoyed it. They provided amazing feedback and have expressed their desire to attend more such workshops in the future. They were excited and enthusiastic about what would come ahead in their CS careers.

KUDOS TO THE SEMESTER II B.E. TOPPERS

Computer Science & Engineering			
			
Jennifer SGPA - 10.00	Preeti L SGPA - 9.83	Priyanka A SGPA - 9.75	Shriraksha SGPA - 9.75

BOAT OFFICIAL INTERACTS WITH STUDENTS

Mr. Suresh Kumar, Asst. Director, Board of Apprenticeship Training (SR) interacted with the students and the in-house industries of Sahyadri and also explained the benefits of registering under BOAT.



FACULTY CLEARS UGC NET JULY 2018

Prof. Sadhana, Dept. of Computer Science and Engineering has cleared the UGC NET held in July 2018. The National Eligibility Test (NET), also known as UGC NET, is a test to determine eligibility for college and university level lectureship and for the award of Junior Research Fellowship (JRF) for Indian nationals. It aims to ensure minimum standards for the entrants in teaching professions and research.



ORIENTATION PROGRAMME FOR 2ND YEAR CSE STUDENTS



With the intent of making the students familiar with the department, an Orientation programme for the second year Computer Science & Engineering students was held. The programme began with the inauguration in the presence of Dr. R Srinivasa Rao Kunte, Principal; Prof. Ravichandra R, Dean–Industry Connect; Prof. Sudheer Shetty, Dean-Examinations and Dr. J V Gorabal, HOD. Principal while giving the inaugural address told the students to maintain consistency in their performance and also asked them to refer to various books other than text books to enhance their knowledge. Further, Dean-Industry Connect emphasized the importance on industry connect courses. Dean-Examination stressed on the importance of attendance and also advised them to maintain good health. Dr. Gorabal welcomed the students to the branch and gave the glimpse of the Computer Science Department.




FACULTY MEMBERS ATTEND AICTE-ISTE INDUCTION/REFRESHER PROGRAMME AT JNNCE, SHIVAMOGGA



Prof. Sunil B N, Dept. of Computer Science & Engineering and Prof. Janardhana D R, Dept. of Information Science & Engineering attended AICTE-ISTE sponsored Induction/Refresher Programme on “Data Science and Classification Practicing with Python and MatLab” at Jawaharlal Nehru National College of Engineering, Shivamogga.

The objective of the course was to provide participants with an insight to Data Science focusing on Data Classification, Deep Learning, Feature Extraction, Data Visualization and Fuzzy Approach. Chief Guest of the inauguration programme was Prof. A S Kiran Kumar, Vikaram Sarabhai, Former Chairman, ISRO, Bengaluru.

KUDOS TO THE SEMESTER VI B.E. TOPPERS

Computer Science & Engineering		
		
Archana SGPA - 8.88	Shridevi SGPA - 8.81	Krithika SGPA - 8.77

STUDENT INDUCTION FOR NEW BATCH OF ENGINEERING STUDENTS BEGINS AT SAHYADRI



Two-Week AICTE Model Student Induction Programme commenced for the new batch of engineering students effective 6th August 2018. The programme aims at familiarizing students to the Sahyadri Culture and Environment and includes sessions on Universal Human Values, Team Building, Group Living, Health and Safety, Yoga and Exercise, Sports Activities, Creative arts, Drama and Theatre, Life Skills, Soft Skills, Relationships Values and so on.

The initial phase will end this Saturday followed by the commencement of second week intermediate phase of induction which will begin with the address by Key functionaries of the institution and familiarization of all the departments..

FACULTY MEMBERS ATTEND INFOSYS CAMPUS CONNECT FEP ON “FOUNDATION PROGRAM 5.0”

Two-Week AICTE Model Student Induction Programme commenced for the new batch of engineering students effective 6th August 2018. The programme aims at familiarizing students to the Sahyadri Culture and Environment and includes sessions on Universal Human Values, Team Building, Group Living, Health and Safety, Yoga and Exercise, Sports Activities, Creative arts, Drama and Theatre, Life Skills, Soft Skills, Relationships Values and so on.

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SAHYADRIANS CONTRIBUTE RELIEF MATERIALS FOR THE FLOOD VICTIMS OF KODAGU AND KERALA



To help rehabilitate the people of Kodagu and Kerala from the devastations of the incessant rain, floods and landslides, students of Engineering and Management along with the faculty contributed the much needed relief materials to the relief camps at Kerala and Kodagu. The students and staff donated food items, sanitary materials, medicines, bed sheets, clothing, water bottles, toiletries and cleaning materials.

SAHYADRI ORGANIZES SELF DEFENCE TRAINING FOR THE FIRST-YEAR ENGINEERING STUDENTS



To enable students to protect themselves from any form of assaults and harassments, the Sahyadri NSS Unit organized a Self Defence Training by the well-known Martial Artist Mr. Karthik S. Kateel, Founder and CEO of Swaraksha for Women Trust. Karthik along with his mother Ms. Shobhalatha (to assist) demonstrated various self-defence techniques and tricks choreographed by him that students can use to protect themselves during times of danger. He also explained the psychological and logical tactics that can be used to protect self from assailants. He also advised precautions that the students should take to avoid becoming victims of kidnaps, assaults, gang-rapes and other dangerous situations. The workshop provided the students with various useful information and tips that they can use to be safe. While concluding, Mr. Karthik said that the power of self-defence is in the person's mind and not in the muscles.

SAHYADRIANS SELECTED AS DEANS FOR MANGALURU TO THE SCHOOL OF AI

Two of the third year students from the Dept of Computer Science & Engineering - Jehad Mohamed and Shreyas Baliga after an extensive review process have been selected as the Deans for Mangaluru to the School of AI.

School of AI offers a world-class AI education to anyone on Earth for free. Their doors are open to all those who wish to learn. They are a learning community that spans almost every country dedicated to teaching students how to make a positive impact in the world using AI technology, whether that's through employment or entrepreneurship. The Mangaluru School of AI will be following these principles in organizing events, sessions and workshops related to AI and recent trends along with Sahyadri Open Source Community.



ACHIEVEMENTS OF FIRST YEAR ENGINEERING STUDENTS

Apeksha Marathe of First Semester Computer Science & Engineering is a Karate Champion. Her achievements include

- Karate Black Belt holder - Won Gold Medal in National Level Karate Competition in 2014
- Won Gold Medal in Kata and 3rd place in Kumite in 2015
- Won Second Place in Gushin Ryu stylae Federation in 2012

She is an eminent Yakshagana Artist. She has even completed her keyboard exam with distinction at Trinity Music School London.



SAHYADRIAN RECRUITED BY INFOSYS

Swarna Bharathi Mallya K from the Department of Computer Science & Engineering has been selected by Infosys for the position of Systems Engineer - Specialist with a package of Rs. 5 lakhs per annum in the recently held HackWithInfy contest at Sahyadri for the 2019 outgoing Batch.



ACHIEVEMENTS OF A FIRST YEAR ENGINEERING STUDENT

Sahyadri takes pride in presenting the talents of first year engineering. Rael Vinisha D'Souza of First Semester Computer Science and Engineering is a Table Tennis & Throw-ball Player. She has participated in various events & won prizes. She has participated in 61st National School Games in Table Tennis and also participated in State Level Throw-ball tournament.



CAMPUS RECRUITMENT DRIVE - ITC INFOTECH



ITC Infotech visited Sahyadri to conduct an exclusive campus recruitment drive for the 2019 outgoing batch of Computer Science, Information Science & Electronics & Communication engineering. Fifteen students were selected by the company.

ITC Infotech is a specialized global full service technology solutions provider, led by Business and Technology Consulting. ITC Infotech's Digitaligence at Work infuses technology with domain, data, design, and differentiated delivery to significantly enhance experience and efficiency, enabling their clients to differentiate and disrupt their business. ITC Infotech's '5D' framework of excellence helps it serve clients better.

SAHYADRI PARTICIPATES IN THE "SAY NO TO DRUGS" EVENT CONDUCTED BY MANGALORE POLICE IN COLLABORATION WITH VIJAYA KARNATAKA



Mangalore Police in collaboration with Vijaya Karnataka conducted a series of events on the theme "Say No to Drugs" covering most of the schools and colleges of Dakshina Kannada District.

The Valedictory ceremony was organized at Dr. TMA Pai Auditorium, Mangaluru which started off with a Walk from the Bunts Hostel Circle. Student representatives from Sahyadri headed the contingent which saw participation from 5,000 students of Dakshina Kannada District.

The Valedictory ceremony had witnessed the presence of Shri. Verendra Hegde, Dharmadarshi, Sri. Manjunatha Swamy Temple, Dharmasthala; The Police Commissioner Mr. Suresh IPS; The District Commissioner Mr. Sasikanth Senthil S and also had the star attraction Ms. Rashmika Mandanna.

TWO-DAY TECHNICAL TRAINING FOR ENGINEERING STUDENTS



A Two-Day Technical Training was conducted for the 7th Semester Computer Science, Information Science, Electronics & Communication Engineering students by Mr. Ganesh Keerthi and Mr. Rama Prasad.

During the Day One, Mr. Ganesh emphasized on Fundamentals of Java. During the Day Two, Mr. Rama Prasad trained the students on Concepts of C++.

SAHYADRIAN RECRUITED BY VCS SYSTEMS, BENGALURU

Ms. Neha S Phulase from the department of Computer Science & Engineering has been recruited by VCS Systems as Software Engineer – Trainee, in the recently held Campus Recruitment Drive for the 2018 passed out batch.



VCS Systems is a privately held global web and mobile development company based in Bangalore, India. They have successfully deployed web applications involving business to business e-commerce, electronic ordering, payment, Healthcare and CMS.

SAHYADRI SIGNS AN MOU WITH FLORIDA INTERNATIONAL UNIVERSITY, USA



Sahyadri has been upgrading itself from time to time and has now taken a step forward towards enhancing Quality Education and Skill Development by signing MoU with America's foremost Florida International University. This MoU would enable the institution's access to advanced deep-dive technology content in Machine Learning, Big Data and Analytics, Cloud Computing and Cyber Security. The large scope of the MoU will aim at assisting both students and faculty to collaborate with experts at FIU in learning, project, industry and further education. This MoU was possible only through the guidance and motivation of the World Renowned Ryder Professor Dr. S S Iyenger, enabling the institute to be at the Elite Group of Institutions.

FACULTY MEMBERS COMPLETE JAVA CERTIFICATION COURSE FROM ORACLE ACADEMY



Prof. Akhila Tejaswi and Prof. Prakhyath Rai, Department of Information & Science Engineering; Prof. Harisha, Department of Computer Science & Engineering, completed a Certification course from Oracle Academy on “Java Fundamentals and Java Programming”.

This course was taught as a part of Faculty Development Programme (FDP) by ORACLE ACADEMY in association with ICT Academy in Sahyadri Campus.

This course was designed by Oracle Academy. During the course, participants were introduced to object-oriented concepts, terminology, and syntax, and the steps required to create basic Java programs using hands-on, engaging activities like programming 3-D animations, develop 2-D games and create Java applications.

CAMPUS RECRUITMENT DRIVE- NINELEAPS TECHNOLOGIES



Nineleaps Technologies conducted a Campus Recruitment Drive at Sahyadri for the CS, IS & EC engineering students of 2019 outgoing batch. It is a core company and a total of 323 students participated. The package offered is 4.5 Lakhs per annum.

HAPPY TEACHERS' DAY



In commemoration of the Birth Date of Dr. Sarvepalli Radhakrishnan, Teachers' Day was celebrated by honouring Dr. Radhakrishnan. Principal, Dr. R Srinivasa Rao Kunte gave his best wishes to all the teachers during this occasion. The students expressed their gratitude to their teachers on this day.

DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING (CS) ORGANIZED "ARPAN-2K18"



With the intent of helping the needy, every year various events are conducted and the money thus collected is contributed to orphanages and old- age homes. Accordingly, in April this year Arpan-2K18 was conducted and a total of Rs 50,000/- was collected during the programme. This amount was donated to "Sri Matha Lakshani Shanthidhama" an Old Age Home at Meramajal. Faculty members, along with the students visited the place and interacted with the elderly people.

INAUGURAL FUNCTION OF CLOUDS ASSOCIATION 2018-19


Department of Computer Science & Engineering
Cordially invite you for the inauguration of

Twilight
Inauguration by
Ms. Shimpa M
(Senior system engineer, Infosys mangaluru)
Presided by
Dr. R. Shrinivasa Rao Kunte
(Principal Sahyadri College)
Dr. Rajesha S
(Academic Dean)
Date : 14th Sept 2018 Time : 9:00 am
Venue : Netravathi Auditorium
Dr. J V Gorabal Pooja N S Kritbesh Bhandary Souravi
President Staff Coordinator Vice President General Secretary
All CLOUDS Office Bearers, Staffs and Students

OCTOBER 2018

CAMPUS RECRUITMENT DRIVE - MINDTREE LIMITED



Mindtree Limited conducted a Campus recruitment Drive for CS, IS & EC engineering students of 2019 outgoing batch. A total of 186 students attended the drive, out of which 10 students were shortlisted for further round.

CAMPUS RECRUITMENT DRIVE- ROBOSOFT TECHNOLOGIES



Robosoft Technologies visited Sahyadri to conduct a Pool Campus Recruitment Drive for the engineering students of 2019 outgoing batch. A total of 138 students from all pool colleges participated in the drive, out of which, ten Sahyadrians were shortlisted.

CAMPUS RECRUITMENT DRIVE - MPHASIS



Mphasis visited Sahyadri to conduct an Exclusive Campus Recruitment Drive for the engineering students of 2019 outgoing batch. Mr. Vidyaranya Kollipal, AVP-HR accompanied by panellists from recruitment were at the campus to facilitate the process. A total of 125 students participated in the drive, out of which, eight students were shortlisted.

RECRUITMENT DRIVE FROM SAP LABS

SAP Labs is conducting a recruitment drive for the B.E/ B.Tech students of 2019 outgoing batch. The package offered is 10 Lakhs per annum.

SAP is the undisputed leading provider of business software worldwide. SAP Labs India, the research and development hub of SAP in India, focuses on key areas such as Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Supplier Relationship Management (SRM), SAP NetWeaver, Globalization, Emerging Solutions, Custom Development, Active Global Support and Installed Base Maintenance.

FIFTEEN SAHYADRIANS RECRUITED BY ITC INFOTECH



WELCOME TO THE FOLD

Mr. Srinath K S has joined the Dept. of Computer Science & Engineering as an Assistant Professor. He has completed his B.E in Information Science & Engineering from Sambhram Institution of Technology and M. Tech in Network & Internet Engineering from JNN College of Engineering. His area of specialization is Network & Internet Engineering.



Mr. Naveen Kumar B has joined the Dept. of Computer Science & Engineering as an Assistant Professor. He has completed his B.E in Computer Science & Engineering from BMS College of Engineering and M. Tech in Computer Science & Engineering from Dayananda Sagar College of Engineering. His area of specialization is Computer Science & Engineering.



SLK VISITS SAHYADRI TO CONDUCT POOL CAMPUS RECRUITMENT

SLK Software is visited Sahyadri to conduct a Pool Campus Recruitment drive for the 2019 outgoing batch of Engineering students.

SLK Software is a fast paced technology and consulting company with an emphasis on key industries such as Banking and Manufacturing and deep domain expertise across the entire value chain. Their approach represents their commitment to reaching out to businesses at different stages of their growth and helping build a strong foundation for their journey to the top. They work at creating superior customer experiences for some of the largest Fortune 500 companies of the world.

CAMPUS RECRUITMENT DRIVE- IWAVE SYSTEMS



CAMPUS RECRUITMENT DRIVE - MU SIGMA



Mu Sigma conducted a pool campus recruitment drive for the engineering students of 2019 outgoing batch. A total of 223 students from the pool colleges had participated in the recruitment process. Out of which, Seven Sahyadrians have been shortlisted for further round of interview.

CAMPUS RECRUITMENT DRIVE - NOVIGO SOLUTIONS PVT LTD



Novigo Solutions Pvt Ltd conducted a Campus Recruitment Drive for Computer Science, Information Science & Electronics & Communication engineering students of 2019 outgoing batch. A total of 132 students attended the drive, out of which, nine Sahyadrians were shortlisted for further round of interview.

iWave Systems conducted a Campus Recruitment Drive for CS, IS & EC engineering students of 2019 outgoing batch. Mr. Mahesh H R, Senior Manager - HR & Administration, accompanied by Mr. Kamaraj - Vice President & Mr. Madhusudhan - Senior Manager from iWave recruitment team were at the campus to facilitate the process.

A total of 348 students from all pool colleges attended the drive. Out of this, Thirty Seven Sahyadrians were shortlisted.

SPORTS ACHIEVEMENT OF A SAHYADRIAN

Mr. Muhammed Suhaib, student of 1st Semester Computer Science & Engineering participated in Taluk Level Dasara Athletic Competition. He won third place in Triple Jump and High Jump.



CAMPUS RECRUITMENT DRIVE - SLK SOFTWARE SERVICES PVT. LTD.



SLK Software Services Pvt Ltd. conducted a pool campus recruitment drive for the engineering students of 2019 outgoing batch. Around 725 students from the pool colleges had participated in the recruitment process. A Twelve-member recruitment team headed by Mr. Amit Rane, HR-SLK Software, were at the campus to facilitate the entire recruitment process. A total of 23 Sahyadrians have been selected by the company.

HACKTOBERFEST HACKNIGHT

SOSC is an Open Source Community at Sahyadri College of Engineering and Management. The community is a conglomeration of clubs and individuals. Mozilla Campus Clubs, Developer Students Clubs, and the GitHub Campus Experts are to name a few. SOSC will be hosting Hacktoberfest HackNight in Association with New Age Incubation Network (NAIN) on 13th & 14th October 2018 at Sahyadri to celebrate a month of open source with Hacktoberfest.

The main event will start off with a workshop followed by a 12 hour Hackathon where around 120+ students will come together in teams and work on projects under various domains including Education, Entertainment and Productivity to help innovate and enhance the current system. The projects will then be open sourced through GitHub paving way for the new open source contributors to be born.



CAMPUS RECRUITMENT DRIVE- JUEGO STUDIO.



Juego Studio conducted a Pool Campus Recruitment Drive at Sahyadri for the Computer Science, Information Science and Electronics & Communication engineering students of 2019 outgoing batch. A total of 371 students from pool colleges participated in the recruitment process and the results are awaited.

HACKTOBERFEST HACKNIGHT HOSTED AT SAHYADRI



SOSC hosted Hacktoberfest HackNight in association with K-Tech Innovation Hub at Sahyadri to celebrate the month of open source with Hacktoberfest. The event was inaugurated by Mr. Shashank Krishna, Padma Shri 2019 (Nominee) and Director of Katmai Infotechnology Pvt. Ltd, Bengaluru, followed by interaction with students regarding Smart India Hackathon. Dr. R Srinivasa Rao Kunte, Principal; Prof. Prakhyath Rai, Faculty Coordinator of Sahyadri Open Source Community and Mr. Arjun Suvarna, Chairperson of Sahyadri Open Source Community, addressed the crowd. The main event started off with a workshop followed by an 18-hour Hackathon where around 120+ students got together as teams and worked on projects under various domains like Education, Entertainment and Productivity to help innovate and enhance the current system. The projects were then open sourced through GitHub paving way for new open source contributors to be born. Mr. Manjesh P Shetty, Regional Coordinator of Mozilla and Alumnus of Sahyadri, was the Chief Guest of the valedictory function.

CAMPUS RECRUITMENT DRIVE – MAVENTIC



Maventic conducted a Pool Campus Recruitment Drive at Sahyadri for the Computer Science, Information Science and Electronics & Communication engineering students of 2019 outgoing batch. A total of 227 students from pool colleges participated in the recruitment process and the results are awaited

RECRUITMENT DRIVE – VRAIO



VRAIO online test was conducted on GK, Core Java, HTML-5, CSS-3, MySQL, Electronics for the fifth semester Computer Science, Information Science and Electronics & Communication Engineering students, as a part of internship opportunity. .

SEVEN SAHYADRIANS SHORTLISTED BY SAP LABS



Shridevi Kapileshwari; Bhavana B Shetty; Krithika S Udupa; Pankaj Kumar Rathi; Prithvi Raj S Amin and Iyaaz Hassan Mohtisham from the Department of Computer Science & Engineering and Sharanya B Acharya from the Department of Electronics & Communication Engineering were shortlisted by SAP Labs for further round of interview.

SAHYADRIANS RECRUITED BY INFOSYS



A total of 76 Sahyadrians have been recruited by Infosys. Thirty Six students from the Department of Computer Science & Engineering; Twenty students from the Department of Information Science & Engineering; Ten students from the Department of Electronics & Communication Engineering; Nine students from the Department of Mechanical Engineering and one student from the Department of Civil Engineering have been selected for the position of Associate System Engineer with a package of Rs. 3.6 Lakhs per annum in the recently held campus recruitment drive.

SAHYADRIANS RECRUITED BY IBM



A total of 104 Sahyadrians have been recruited by IBM. Fifty Seven students from the Department of Computer Science & Engineering; Thirty Three students from the Department of Information Science & Engineering and Fourteen students from the Department of Electronics & Communication Engineering have been selected for the position of Associate System Engineer with a package of Rs. 4.1 Lakhs per annum in the recently held campus recruitment drive.

SAHYADRIANS RECRUITED BY MPHASIS LIMITED



Ms. Pallavi K, Ms. Sarika Anchan, Ms. Sharanya B Acharya from the Department of Computer Science & Engineering have been recruited for the position of Trainee Associate Software Engineer by Mphasis in the recently held campus recruitment drive for the 2019 outgoing batch.

SAHYADRIAN RECRUITED BY VALTECH



Monika Giridhara from the Department of Computer Science & Engineering has been selected by Valtech in the recently held recruitment drive. The package offered is Rs.3.5 Lakhs per annum.

SAHYADRIANS RECRUITED BY NOVIGO SOLUTIONS



Raghul from the Department of Computer Science & Engineering and Manish Shettigar from the Department of Electronics & Communication Engineering have been recruited by Novigo Solutions for the designation of Software Engineer, in the recently held campus recruitment drive. The package offered is Rs.3.00 Lakhs per annum.

CAMPUS RECRUITMENT DRIVE - MANIPAL TECHNOLOGIES



Manipal Technologies visited Sahyadri to conduct a Pool Campus Recruitment drive for the Computer Science, Information Science, Electronics & Communication and Mechanical engineering students of 2019 outgoing batch. A total of 432 students from pool colleges attended the recruitment process, out of which fifteen Sahyadrians were shortlisted for further rounds.

CAMPUS RECRUITMENT DRIVE - EVOBI AUTOMATIONS PVT LTD



Evobi Automations Pvt Ltd visited Sahyadri to conduct a Campus Recruitment Drive for the Engineering students of 2019 outgoing batch & also 2018 passed out Batch. A four-member recruitment team, headed by Mr. Sandeep Senan - Director were at the campus to facilitate the recruitment process.

CAMPUS RECRUITMENT DRIVE- GLOBALEDGE



Global Edge Software Ltd., conducted a campus recruitment drive for the Electronics and Communication, Computer Science & Information Science engineering students of 2019 outgoing batch. A total of 95 students participated in the recruitment process and fourteen students have been shortlisted for further rounds of interview.

SAHYADRIANS RECRUITED BY TCS



Meghana S. Bangera, Krithi Kotari, Varsha Vinod and Sumana from the Department of Computer Science & Engineering; Allan Loy D'Souza and Pushpak from the Department of Mechanical Engineering have been recruited for the position of Assistant System Engineer - Trainee by TCS in the recently held recruitment drive. The package offered is Rs. 3,36,875/- per annum.

SAHYADRIAN RECRUITED BY SAP LABS



Shridevi Kapileshwari from the Department of Computer Science & Engineering has been selected by SAP Labs in the recently held Campus Recruitment Drive. The package offered is 10 Lakhs per annum. .

SAHYADRI ATHLETIC TEAM AT THE 21ST VTU INTER-COLLEGIATE ATHLETICS MEET IN SJCIT, CHIKKABALLAPURA

Name	Semester	Department	Place	Event
Muhammad Suhaib	Ist Semester	Computer Science & Engg	3rd place	High Jump

CAMPUS RECRUITMENT DRIVE - SEMNOX SOLUTIONS PRIVATE LIMITED



Semnox Solutions Private Limited conducted a Campus Recruitment Drive at Sahyadri for the Computer Science, Information Science and Electronics & Communication engineering students of 2019 outgoing batch. A Four-member recruitment team, headed by Ms. Aysha - Project Lead, Implementation & Support were at the campus to facilitate the recruitment process. A total of 218 students from pool colleges participated in the drive and the results are awaited.

CAMPUS RECRUITMENT DRIVE - CODECRAFT

CodeCraft Technologies, Mangalore visited Sahyadri to conduct a Pool Campus recruitment drive for computer Science Engineering and Information Science Engineering students of 2019 outgoing batch. Ms. Likitha - HR Generalist, from the recruitment team was at the campus to facilitate the process. The results are awaited.

This company was facilitated by Mr. Roshan Shetty from Aptra.

NOVEMBER 2018

FACULTY APPOINTED AS THE BOE MEMBER - VTU, BELAGAVI

Dr. Jayanna Veeranna Gorbali, Head and Professor - Department of Computer Science & Engineering has been appointed as the member of Board of Examiners (BoE) - Visvesvaraya Technological University, Belagavi for the Academic Year 2018-2019.



FACULTY ATTENDS ONE-DAY TRAINING PROGRAMME ON CYBER SECURITY, FRAUD & OPERATIONAL RISK MANAGEMENT

Prof. Harisha, Department of Computer Science & Engineering attended a One-Day Training Programme on Cyber Security, Fraud & Operational Risk Management held at Ramaiah Institute of Management, Bengaluru. There was a huge learning outcome from the Training programme including understanding about cyber law, data security, identity theft and issues related to fraud detection.



TWO-DAY TRAINING PROGRAMME CONDUCTED BY FACE

Focus Academy for Career Enhancement - FACE conducted a Two-Day Training Programme for sixty students from Computer Science, Information Science and Electronics & Communication Engineering Students of 2019 outgoing batch. It was a Hands-on training in the lab. The training covered topics from the domains - fundamentals of C programming and App development.



DEPT. OF COMPUTER SCIENCE & ENGINEERING ORGANIZED A TECHNICAL TALK ON DISTRIBUTED COMPUTING

A technical talk on Distributed computing was organized by Dept. of Computer Science and Engineering for the students of fifth and third semester. Mr. Deeraj Vijaya, Senior Software Developer, Siemens Technology and an esteemed alumnus of Sahyadri was the resource person. He briefed about cloud computing, types of cloud computing, edge computing and also spoke about importance of JavaScript.



ARTICLE OF A RESEARCH SCHOLAR PUBLISHED IN AN INTERNATIONAL JOURNAL – IJMTE



Monika Giridhara from the Department of Computer Science & Engineering has been selected by Valtech in the recently held recruitment drive. The package offered is Rs.3.5 Lakhs per annum.

SAHYADRI HOLDS ONE DAY TRAINING ON BLOCKCHAIN



One-day Training on Blockchain organized by K-Tech Innovation Hub (NAIN), Govt. of Karnataka was held at the campus in association with Department of Computer Science & Engineering, DTILABZ Pvt. Ltd., Aptra Technologies Pvt. Ltd. and Sahyadri Centre for Cloud Computing and Cyber Security (S4CS).

Mr. Koshikraj, Blockchain advisor at UNITESERVE was the resource person. Mr. Koshikraj started working for a security firm during and after completing his masters' degree from Manipal University. While there, he worked closely in the DevOps team for over a year. RSA gave him a lot of exposure to the security industry. Later, he started working as a senior software engineer in a startup called CoWrks where he gained a lot of exposure as a full-stack developer and in managing the team. After CoWrks, he devoted all his time to research on Blockchain. Mr Koshik Raj is an alumnus of Sahyadri.

The training program started with a formal inauguration. Dr. Srinivasa Rao Kunte, Principal, Dr. Rajesha S., Dean (Academics), Dr. J.V. Gorabal, HoD, Computer Science & Engineering (CSE), faculties of CSE and ISE were present.

The training program was divided into two sessions. The first session focused on theoretical aspects of Blockchain and Algorithm associated with Blockchain. Second, was a practical session fully focused on Smart Contract and Ethereum.

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DECEMBER 2018

CAMPUS RECRUITMENT DRIVE - HSBC SOFTWARE DEVELOPMENT (INDIA) PVT. LTD

HSBC Software Development (India) Pvt. Ltd conducted a recruitment drive at Sahyadri for the Female Graduates of Computer Science & Engineering and Information Science & Engineering students of 2019 outgoing Batch. A total of 42 students participated in the drive and the results are awaited.



FACULTY PUBLISHES A RESEARCH PAPER IN THE CONFERENCE PROCEEDINGS OF IEEE INTERNATIONAL CONFERENCE 2018



A paper titled "Gray Scale Image Multi-Thresholding with Chaotic Cuckoo Search" co-authored by Dr. Ananth Prabhu G, faculty in the Department of Computer Science & engineering has been published in the conference proceedings of the 2018 IEEE International Conference on System, Computation, Automation and Networking (ICSCA). Image processing field is widely adopted in a variety of domains to examine and extract the vital features. Image multi-thresholding is an essential pre-processing field, widely implemented to pre-process the classical and medical images. In this paper, pre-processing of benchmark gray scale is implemented using the Chaotic Cuckoo Search (CCS) algorithm using the Tsallis entropy value. The experimental investigation is implemented with the Matlab7 software using test images of 512x512 pixels. The performance of CCS is confirmed with the other heuristic methods, such as FA, BA and PSO. The experimental results of this study verify that, implemented CCS tenders enhanced outcome with improved image quality measures and the run time compared with other algorithms adopted in this paper. This work confirms that, chaotic algorithms are better than the conventional approaches.

The paper can be accessed at <https://ieeexplore.ieee.org/document/8541262>

SAHYADRIANS RECRUITED BY CALIBER TECHNOLOGIES



Meghana from the Department of Information Science & Engineering and Krithesh Bhandary from the Department of Computer Science & Engineering have been selected by Caliber Technologies for the position of Trainee Software Engineer in the recently held Campus Recruitment drive at Sahyadri for the 2019 outgoing batch..

FACULTY PUBLISHES A MANUSCRIPT IN ELSEVIER JOURNAL OF EXPERT SYSTEMS WITH APPLICATIONS

Prof. Manjunath Mulimani, Dept. of Computer Science & Engineering published his Manuscript titled "Segmentation and Characterization of Acoustic Event Spectrograms using Singular Value Decomposition" in the Elsevier Journal of Expert Systems with Applications, which has an impact factor of 3.76 and indexed by SCI. The co-author of this manuscript is Dr. Shashidhar G. Koolagudi, Associate Professor, NITK, Surathkal. Manuscript is available online @ <https://doi.org/10.1016/j.eswa.2018.12.004>





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SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU
(Affiliated to VTU, Belagavi and Approved by AICTE, New Dehli & NAAC "A" Grade)

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