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SAHYADRI

COLLEGE OF ENGINEERING & MANAGEMENTSahyadri Campus, Adyar, Mangaluru - 575 007, Karnataka, India.

B.E. - Bachelor of Engineering

M. Tech. - Master of Technology

MBA - Master of Business Administration

Ph. D. - Doctor of Philosophy

Research - Govt. Research Centre, Sahyadri





Sahyadri will do more than teach It will Inspire...

ISO Certification





Accreditation from the IAO (International Accreditation Organisation)
The institution is awarded with ISO 9001-2008 certificate,
from TUV Nord. Germany

Sahyadri will do more than give It will serve...



BHANDARY FOUNDATION

The genesis of Bhandary Foundation in 2002 under the visionary leadership of Mr. Manjunath Bhandary, was dedicated to the cause of social justice, social development through education, and uplifting the less fortunate sections of the society. The Foundation, believes in the holistic development of the individual through project based learning and research based thinking.

Bhandary Foundation focuses on the process of sharpening the skills and talents of young minds who will be the enterprising future architects of our nation. With the development of modern, state-of-the-art, yet aesthetic infrastructure, the Foundation encourages not only basic training but also advanced learning facilities and research in various fields.

Today, "Sahyadri" has created new benchmarks in the field of education by providing a cohesive environment for learning. With its total commitment to values, quality and integrity, and inspiring leadership, Bhandary Foundation has laid the cornerstone for institutions of national eminence through "Sahyadri College of Engineering & Management" the academic renaissance that is taking place in Sahyadri Campus at Adyar, Mangaluru.

Bhandary Foundation is a philanthropic organization with a focus on social service. Hence, the Foundation offers scholarships and free education to the deserving students in Engineering and Business Management.

Mr. Manjunath Bhandary, M.Phil., Ph.D.

Bhandary is a visionary, entrepreneur and educationist. His novel thoughts add a new dimension to the world of education. His dynamic leadership brings about much needed social reforms through education, to empower individuals to become the backbone of an enterprising, productive society.

He is the founder of Bhandary Foundation under the aegis of which he started various educational institutions.

He has the rare honour of achieving diverse academic qualifications like Engineering along with M.Phil in Political Science, a rare blend of being a technocrat and a social activist. He has been awarded the Doctoral Degree - Ph.D for his thesis on, "Women's Participation in the Panchayat Raj" He has been nominated as a special invitee to the Karnataka State Higher Education Council. He was honored "Eminent Engineer of the Year" Award 2016, by The

Institution of Engineers (India) Karnataka State Centre, Banglaore for his meritorious service in the field of Engineering and Education.

A born leader, his skills were honed in the early student days of school and college and opened up vast avenues for him to be recognized as a leader and thereby counted among the youth as a youth icon on the global platform. He received the prestigious fellowship from Eisenhower Foundation, Philadelphia, USA, in the year 2004.

He was instrumental in the government's ambitious rural welfare scheme called CSCs (Common Service Centers). He proposed a project, "Rajiv Vikas Kendra" to the Govt. of India through the Hon'ble Congress President, Smt. Sonia Gandhi, and the same was approved by the Prime Minister, Sri. Manmohan Singh with the Union Cabinet sanctioned and provided employment to 10 million rural youth.





Sahyadri College of Engineering & Management

The College is affiliated to Visvesvaraya Technological University, Belgaum and is approved by the Government of Karnataka, All India Council of Technical Education - AICTE, New Delhi, Ministry of HRD, Govt. of India. It has been Accredited "A" Grade by the National Assessment and Accreditation Committee (NAAC).

To a great extent, the success of the College must be credited to the excellent academic results year after year. The College is unique and is one among the few who can take pride in having a dedicated department for researching, analyzing and developing effective methods of imparting quality education.

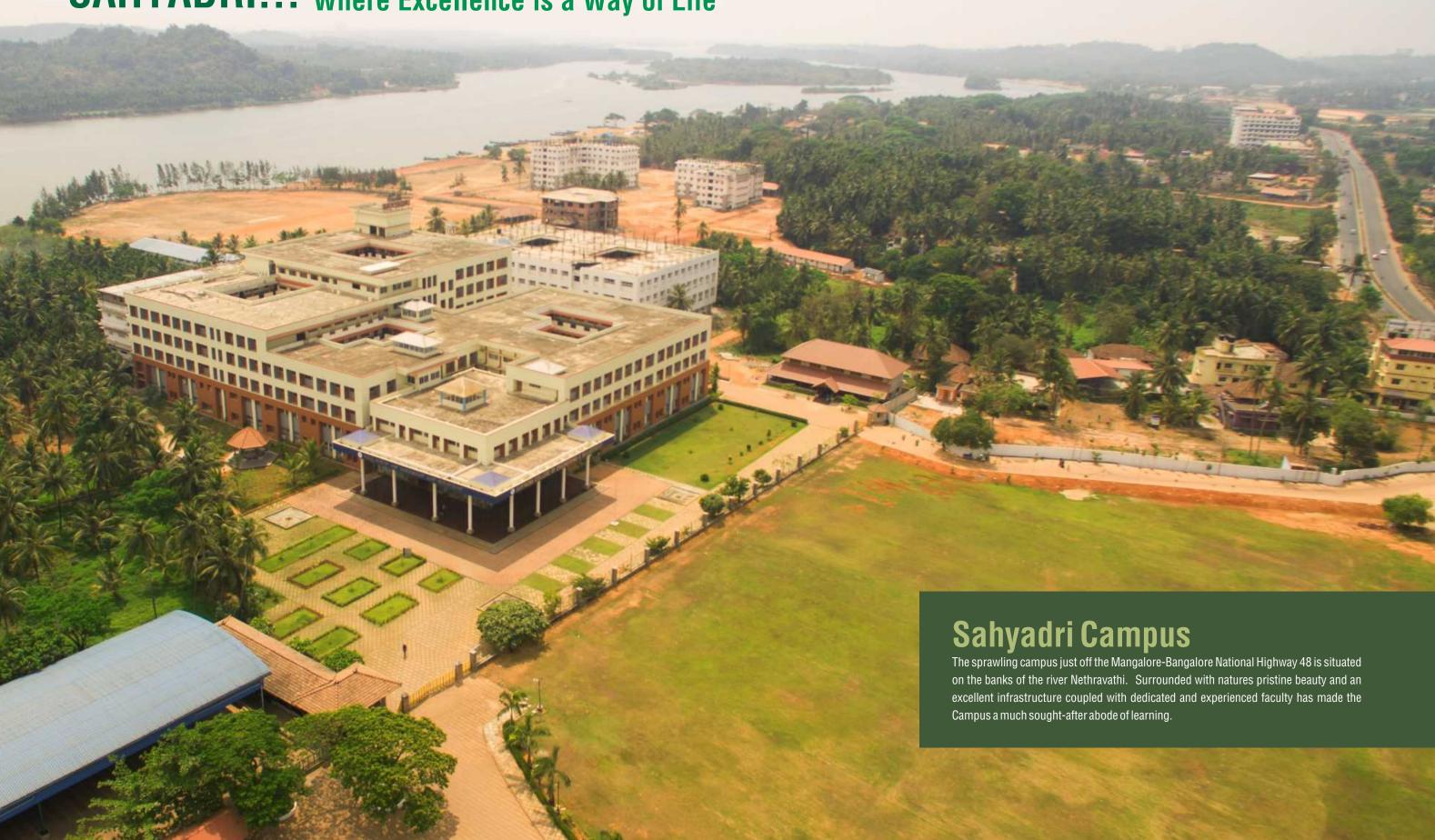
Infrastructure

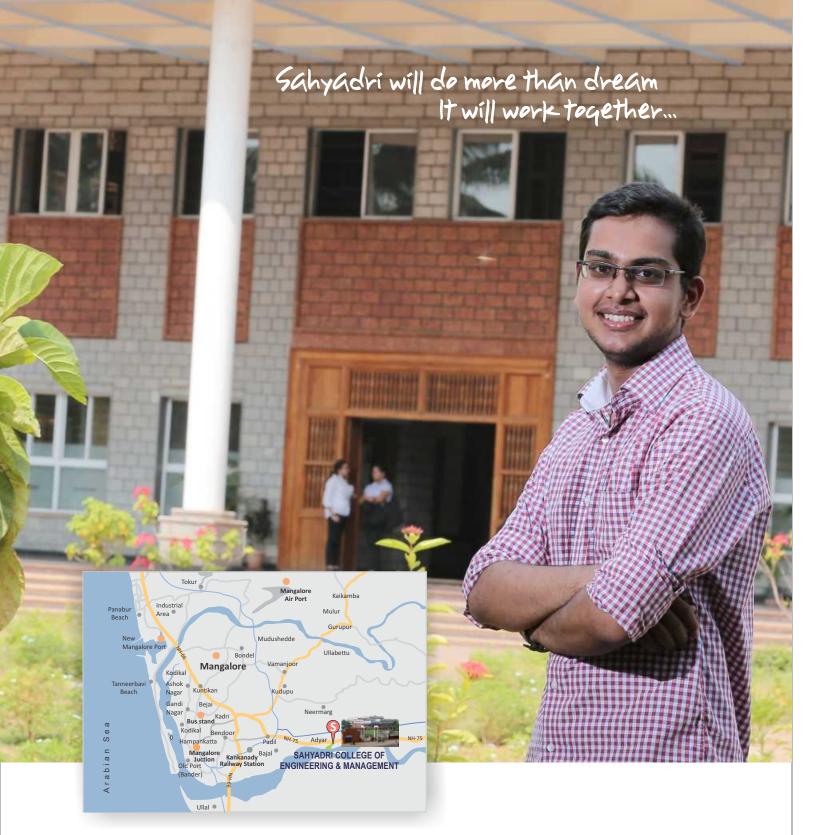
The College is unique and is one among the few who can take pride in having a dedicated department for research, analyzing and developing effective methods of imparting quality education. The high quality teaching offered at Sahyadri is well complemented by the state-of-the-art infrastructure and modern facilities like Govt. Research Center, Incubation, Placement & Training Center, Sahyadri Center for Social Innovation which includes Hands-on Experience

Lab, Life Science Lab, Innovation Lab, and Product Design Lab. Sahyadri has started an Entrepreneurship Cell to ignite the creative thinking of students towards innovation and thereby mentor them to become successful entrepreneurs by providing the right entrepreneurial ecosystem.

The Campus holds five lakh sqft. of built-up space, aesthetically constructed, in the courtyard style and spacious classrooms with good ventilation.







Location

The campus is situated on the banks of the river Nethravathi and is adjacent to Mangalore-Bangalore National Highway NH 75 (old NH-48). It is located at a distance of 7 km from the port city of Mangaluru, a popular education hub. It is well connected by road, air and train to all the major

cities of India. The nearest railway station is at Mangaluru Junction - 4 kms., nearest airport is at Bajpe - 16 kms., distance from Central Bus Terminal - 10 kms. The Campus is rightly named 'Sahyadri,' which means, the 'Western Ghats', and is surrounded by green hills and the river Netravati.

Academic backbone



Dr. D. L. Prabhakara, M.Tech (IIT-M), Ph.D.(IIT-KGP), Director, is an eminent academician and administrator having 40 years of experience with active involvement in research activities at various levels, is the guiding force of the institution. He was a

member of the Executive Council of Visvesvaraya Technological University, Belgaum. He has 59 publications in national and international journals and conferences.



Dr. S. Manjappa, Ph.D. is a former Special Officer, Research & Development, VTU. and is a Govt. Analyst for the Central Pollution Control Board, New Delhi. He is a distinguished scientist and professor with more than 34 years of research, consultancy and

teaching experience. He has guided more than 15 Ph.D students and numerous M.Tech students.



Dr. J. V. Gorabal, M.Tech. Ph.D. Dean Academic. He has been awarded his Doctoral Degree from J. N. T University, Ananthapur. He has got more than 18 years of experience in teaching and 7 years of experience in research.



Dr. Richard Pinto, Ph.D., Director -Centre of Excellence in Nano-Science & Technology (CENT), is professor at IIT- Bombay, was the former professor of TIFR and a visiting scientist at Allen Clark



Dr. C.K. Manjunatha, Ph.D., Administrator & Professor-Department of Humanities and Social Science and Administrator has joined the Department of administration. He has obtained Ph.D. from Massachusetts Institute of Technology (MIT),

Boston, USA. He has 16 years of experience in teaching and administration.



Dr. Vishal Samartha, Ph.D. is Director of MBA. She has 20 years of experience in teaching and 9 years of experience in Research. Her research papers are published in refereed journals. She has been the Member of the Board of Examiners and member of the

Local Inspection Committee for affiliation and establishment of research centers, VTU, Belagavi.

Faculty strength

Many of the faculty team members in the institution are alumnus of reputed Institutions like IITs, IIITs and NITs, who are well experienced and a good number of Ph.Ds are available in each of the branches. The team with excellent research academics is the major strength of the institution. Currently, many of our faculty members are pursuing their Ph.D at IIIT-Allahabad and NITK, Surathkal, Mangaluru.



Dr. Umesh M. Bhushi, M.Tech, Ph.D(IIT-KGP), Principal, is an able administrator and innovative initiator with 28 years of teaching experience. He is an outstanding speaker, caring guide and counselor and friendly

academician. He has authored a

book on "Total Quality Management in Engineering Education in India" and a Monogram on TQM. He is a Member of the Academic Senate of VTU for 2014 -17



Prof. Balakrishna S S., M.Tech is Vice-Principal with 32 years of teaching experience. He obtained an M.Tech from IIT Kharagpur and is currently pursuing a Ph.D from NITK, Suratkal in Dynamic Analysis of Composite Structures. He has published two books and

published twelve research papers in international and national journals.



Research Centre, UK.

Courses offered

Undergraduate Courses Bachelor of Engineering - B.E.

- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Mechanical Engineering

Postgraduate Courses Master of Technology Programs - M.Tech.

- Machine Design (Mechanical)
- Production Technology (Mechanical)
- Computer Aided Design of Structures (Civil)
- Structural Engineering (Civil)
- Computer Science & Engineering (CS&E)
- Computer Network & Engineering (IS&E)
- VLSI Design & Embedded Systems (E&C)

Master of Business Administration - MBA 2 Yrs

- Finance
- Marketing
- Human Resource Management

Research

M.Sc. Engineering by Research & Ph.D

- Civil Engineering
- Computer Science & Engineering
- Mechanical Engineering
- Business Administration
- Chemistry

AA+ In the Best Engineering
College survey by career 360





Academic & Industrial MoUs

- Indian Institution of Information Technology IIIT, Allahabad
- Ghent University
- University of St. Louis, US
- University of Pardubice
- Mangalore University for collaborative Research & Development, Education & Training
- The institution is privileged to be the first college in Karnataka to get the Microsoft's prestigious Platinum Ed-vantage Academic Alliance
- INTEL- Intelligent Systems Laboratory set up by FICE
- Federation of Karnataka Chambers of Commerce & Industries (FKCCI)
- iWave Systems Technologies, Bengaluru
- National Entrepreneurship Network (NEN) to develop new entrepreneurs
- Campus Connect program by Infosys
- Robotic Lab for students developed by Entrepreneurship Club
- Society for Human Resource Management (SHRM) for academic excellence
- MoU with Rail Wheel Factory, Bengaluru
- Environmental Health and Safety Research & Development Centre (EHSRDC)
- MoU with National Design & Research Forum (NDRF), Bengaluru.

Academic Excellence

Ms. Sasha Rai P has secured First Rank & Gold Medal in VTU, board exams of M.Tech computer aided design of structures with 87.42%.

Mr. Akshay R Bhandary has secured Fourth Rank in VTU, Belagavi board exams in Mechanical Engineering with 83.65%. He has created a record and topped the university ranking by securing 94.04%, in the 2012-13 batch

Mr. Pankaj Kumar Rathi from CSE has topped 10 Grade SGPA VTU Topper.

Mrs. Shreya Rai M.Tech. in Computer Aided Design of Structures has bagged secured the third rank with 84.67% in VTU examination

Ms. Prajna A secured 4th rank with 79.08% in VTU MBA examinations and is recruited by KPMG through campus placement.

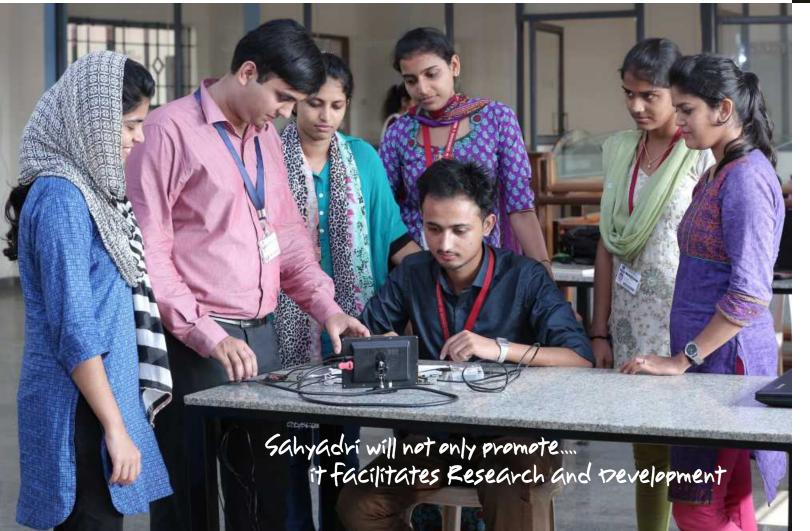
Ms. Shimna M. from Information Science, has secured the eighth rank in the VTU examination by scoring 81.77% aggregate.

Research

The College is honored to have the only Government Research Center, Incubation Center and Placement & Training Center in the state, which functions with the support of Visvesvaraya Technological University and Industry.

In accordance with the academic MoU with IIIT-Allahabad, a Center of Excellence and an Innovation Lab has been established at Sahyadri campus. Sahyadri is the associate partner of the India Platform at Ghent University for research activities and also has a MoU with Mangalore University for collaborative Research & Development, Education & Training.

The management supports aiding project-based learning through more than a crore of investment every year, facilitating funded research.





Accolades in Academics, Projects...

In a span of just 9 years we have set several milestones and each of these achievements come with its own success stories. The team as a whole has contributed towards institutional achievements

- First Year Engineering Students of Sahyadri Won Best Freshers Award @ IIT Kharagpur
 And First Prize @ NIT Trichy
- "International Recognition" 4th Place in SAE International Aero Design among 75 top universities at Texas, USA
- "Best Young Innovators" National Award for 'Smart Helmet' a joint initiative of AICTE,
 Department of Science & Technology, Government of India and CII was held at IIT Delhi
- Best Team Award in the Lunar Rover Challenge organized by team Indus, hosted by IIT, Madras
- Sahyadri students won the First, Second and Fourth place out of five prizes in the Automotive Embedded Challenge (AEC) organized as part of the International Conference on Embedded System Automotive & Avionics held at IISc., Bengaluru
- Bagged the first three prizes in the project exhibition "DO IT YOURSELF" organized by Kodagu, Dakshina Kannada and Udupi Engineers' Association
- The II year Engineering students have won the First prize in the State Level Project Competition-cum-Exhibition
- First Prize won in National Students Space Challenge-13 held at IIT-Kharagpur
- State Level Project Competition (Shrishti) inaugurated by the Hon'ble Chief Minister,
 Government of Karnataka

National Award

"Best Young Innovators" National Award for 'Smart Helmet' a joint initiative of AICTE, Department of Science & Technology, Govt. of India and CII was held at IIT Delhi.

Riding high on the success of making it to the top ten in the India Innovation Initiative-2015 Competition Navjith P Karkera, Semester V, Mechanical Engineering and Jagath Biddappa, Semester V, Electronics & Communication Engineering, interns at Sahyadri Edu Dreamers R&D Pvt. Ltd were awarded with the Young Indians Award for Best Young Innovators for their Smart Electronic Helmet for Motorcycle invention by Dr. Harshavardhan, Incumbent Minister, Ministry of Science and Technology (India) and Ministry of Earth Sciences, in Delhi. The Innovation Initiative-2015 Competition; a joint initiative of AICTE, Government of India (DST) & Confederation of Indian Industry (CII) was held at IIT Delhi.

Proud to be a **Sahyadrian**







SAE International Aero Design

Students made a mark at the SAE International Aero Design held at Fort Worth, Texas, USA and placed 4th among 75 top universities.

Team HAWK, the Aero Design team of Sahyadri College of Engineering & Management are Westward bound to Fort Worth, Texas, USA. Mohammad Anwar (Team Captain), Probid J Panikkan (E&C), Amritha khandare (E&C), Tharanath (Mech), Midhun Jyothis (Civil), Rajgokul (E&C), Nithin (CS), Gouse Khan (IS), and Gerald (E&C) have been selected to participate in this year's SAE Aero Design event which will be held in Fort Worth, Texas, USA. The team successfully registered and has received confirmation of their participation. The team advisers are Dr. Tenzin Pasang and Dr Rathishchandra Gatti, professors of the college.



The team FORMULA SAHYADRI, with 25 team members participated in the national level event "SAE SUPRA 2016" to be held at Buddh International Circuit, Noida, U.P.

Sahyadri Motorsports team won fourth place in the "INTERNATIONAL SERIES OF KARTING".



Sahyadri Center for Social Innovation - SCSI

Hands on Experience Lab

In order to bridge the gap between theory and practice, Sahyadri College of Engineering and Management has initiated a lab which aims at enhancing the analytical skills and practical knowledge of budding engineers. The lab motivates students to carry out innovations at a primary level thereby promoting the reasoning skills amongst them. The students will conduct experiments pertaining to various branches of engineering, established on the work supervised on a daily basis. Realizing the lack-of knowledge in general appliances due to ignorance, this scheme in the form of a lab is created in the Sahyadri Campus.

Product Designing Lab

Product designing lab is specifically built to motivate entrepreneurs and to promote start-ups in the campus. With state-of-the-art machinery, the college supports students to convert their prototypes into products through real engineering practices. The lab provides every engineer a healthy

ambience to work in and collect ideas. The lab also promotes students to patent projects and develop entrepreneurial skills. The students are also given opportunities to work with organizations like TIE in order to promote start-ups.

Innovation Lab

Innovation lab is initiated to make engineers realize the ideal environment to dwell. To realize this fact, the true essence of engineering, the Innovation Lab is set up to get engineer to connect with society to solve their day- to-day problems.

Life Science Lab

This lab is developed to motivate the students in understanding the general aspects of day-to-day affairs, promote the questioning of general applications of engineering, re think and re engineer problems faced and develop concepts for solutions





Sahyadri Entrepreneurship Cell (E-Cell)

The Sahyadri Entrepreneurship Cell (E-Cell) aims to ignite the creative thinking of students towards innovation and thereby mentor them to become successful entrepreneurs by providing the right entrepreneurial ecosystem. It will act as an incubator and provide students necessary infrastructure, mentoring and resources in making them successful business set-ups. This E-cell aims to

- Create and develop an ecosystem where innovative ideas are nurtured into successful entrepreneurial ventures
- Create opportunities for students and budding entrepreneurs to pursue their ideas with passion by providing the right environment and infrastructure in building a successful enterprise.

Objectives

- Create a complete ecosystem for setting entrepreneurial ventures
- Nurture ideas into innovations through guidance support and infrastructure
- Innovative incubation center
- Encourage students to start their own campus companies
- Support all facets of entrepreneurship at every stage
- Ventures through proper incubation centers
- Foster and develop entrepreneurial thinking among the students
- Encourage community engagement through industry institute initiatives.

Incubation @ Sahyadri

The Incubation center will provide office space, infrastructure, resources, guidance on intellectual property rights, mentoring assistance and other resources to the start-ups.

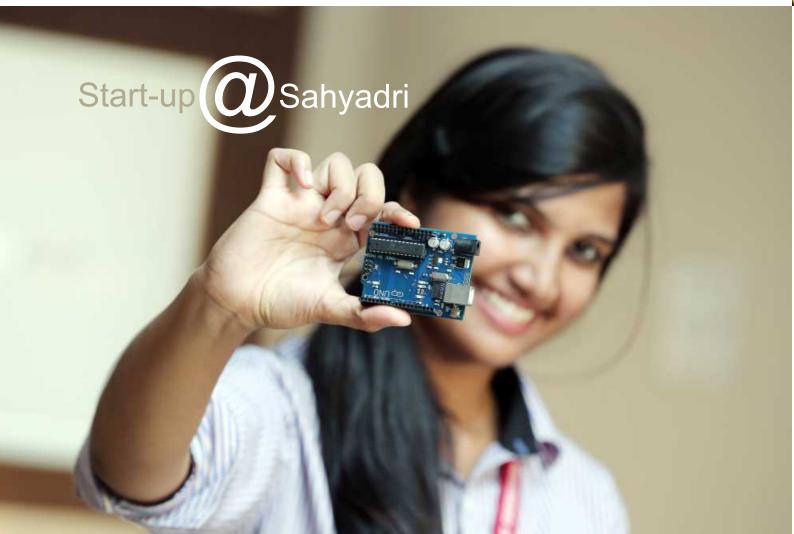
The Incubation center will give extended services to the student for a period of 24 months after the student graduates.

Start-up@ Sahyadri

Start-up at Sahyadri will focus on holistic approach on building a complete understanding about startups and entrepreneurship journey through various perspectives and connects all relevant and related resources and tools for further self learning and to turn theory into action. The objective of Start-up@Sahyadri is to provide adequate support data and tools to connect with other sources and data that support the entrepreneurial venture.?



Start-up@Sahyadri adopts innovative ideas and tools? to increase the volume of entrepreneurship and likelihood of startup success. It focuses on the acquisition of knowledge about the startups' development journey and minimizes the "universal risks". It helps to educate future entrepreneur about the methods, structures and approaches for startups that are both strong and flexible to sustain failures at various levels.





Start-up Companies by students

- Sahyadri Edu Dreamers R&D Pvt. Ltd. (DTLabz)
- Whattabiz
- Host Zyro
- Samaroham Creations
- IUSOLVE
- Axndx Technologies Pvt. Ltd.
- OLS, an Online Laundry Service
- Softrixz
- TechShaadi
- Flicker Infotech

Infrastructure

Sahyadri E-cell offers a floor space of 15000 Sq. ft allocated exclusively for start-ups and for an incubation center. It will provide space for setting up an office with added facilities of wifi, electricity, and back-end support services.





Department of Placement

The Placement Department consists of HOD - Placement with Assistant Placement Officer. The department is entrusted with the responsibility of ensuring that students are well-placed professionally, thereby bringing to a successful culmination the students' efforts in the program. The objective of the Placement Department is to train the students as per the requirements of the industry. Through extensive industryspecific aptitude, soft skills and communications training, it enhances the effectiveness of the students aspiring for placement.

Placement Cell

All the engineering colleges in the Mangaluru region have formed a combined placement pool. Whenever companies visit the Campus for placement activities, eligible students from all the colleges will be called to one center and the placement process will be open to all these students.

Facilities for Recruiters

- 600 computers for online test
- Auditorium with a capacity of seating 800 students
- The resource to conduct written test for 1000 candidates at one sitting
- 4,000 candidates can be tested in one single day
- Wireless Internet across the campus with BSNL 100 Mbps leased line
- LCD, Computer and Technicians for Pre-Placement Talk (PPT)
- Separate rooms for written tests, group discussions and interviews
- Trained student volunteers to assist in registration, invigilation, correction and interviews.



















































and many

Placement Features

- Aptitude, Soft skills, Value-added courses and Training: Sahyadri has in-house skilled training professionals regularly conducting a host of value enhancement training programs for students.
- Internship Programme: Students undergo internship and summer vocational training in companies like Mahindra & Mahindra, MRPL,
- Industry interaction: The department organizes Industry interactions on a weekly basis to groom the students for the corporate world.



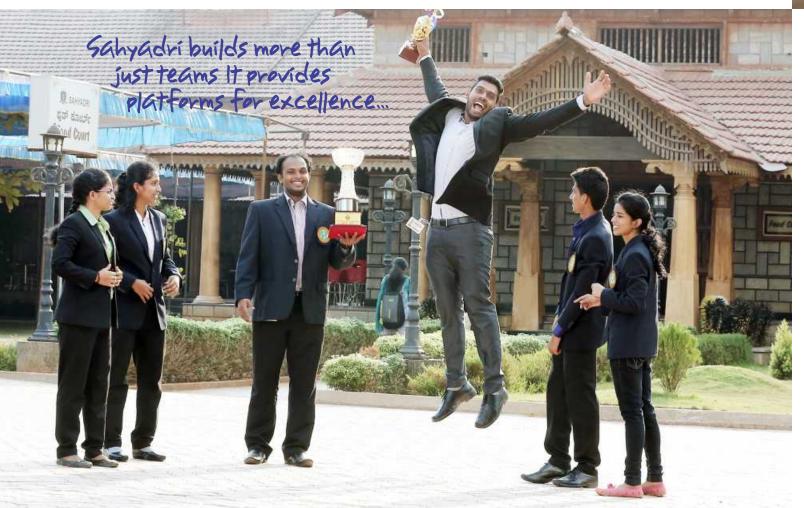
UNIVERSITY BAHRAIN Mr. Rajesha T Mathew MBA with salary package of Rs.14.04 lakhs per annum



Achievement in Sports

Believing in the physical fitness of students for a qualitative professional career, several sports promotional competitions and practices are organized and as a result, our students have mastered winning skills

- Sahyadri College of Engineering & Management has been ranked 9th by VTU in sports and cultural activities among 201 colleges affiliated to VTU.
- Sahyadri has created a new record in VTU by winning the Overall Championship at VTU Athletic Meets for the Fifth time both in boys and girls sections.
- VTU has awarded cash prize of Rs. 1.00 Lakh for achievement in sports and games
- Rs. 50, 000/- special appreciation cash award by the Hon'ble Vice Chancellor of VTU
- The Boys' team has bagged the Championship in the Weight Lifting Competition at VTU
- Consecutive five years VTU Throw ball Championship in the girls' section at the Zonal level
- VTU Volleyball Championship won by girls for consecutive six years and Boys for Consecutive five years
- Five individual records at VTU in the Weight Lifting Competition in the boys' section
- The boys' team has bagged the Championship in the Cross-Country Competition at VTU
- Ms. Shruthi Shetty has won the Individual Championship at VTU
- Badminton Championship Mangalore Zone in the boys' section
- Boys and girls team Runner-up in VTU Mangalore Zone Table Tennis Tournament
- Boys team Runner-up in VTU Mangalore Zone Hockey Tournament.





Art & Cultural Activities

For an all round development of students, a number of extra- curricular activities have been introduced in the Campus, giving students an option to participate in one or the other, as a result of which students have outperformed others by being the

- Winners of the State Level Verbattle Competition
- Sahyadrians bag First place in VIBE Dance Competition
- Second place with a cash prize of Rs. 20,000/- at the State Level Verbattle Senior
- With the formation of Clubs such as Science, Hobby, Oratocrats, Social Responsibility and Adventure, students are exposed to various social activities to learn team work and social leadership
- Associations AEnCES, TOXICS, FLAMES, SPACE and CLOUDS: Each branch has formed their own
 association for technical activities namely, project work, internship, interactions, paper
 presentations and seminars.











Facilities

Library: A Multi-Storey Library with an area of 10,520 sq. ft with seating capacity of 500 students. The Central Library and the Digital Library are equipped with state-of-the art equipment and updated books. The courtyard in the middle provides natural light and ventilation creating a conducive study atmosphere for the students.

updated books. The courtyard in the middle provides natural light and ventilation creating a conducive study atmosphere for the students.

Hostel: Sahyadri campus has separate hostels for Engineering and Management students.



Transport: Sahyadri Educational Institutions runs its own transport fleet for students who commute daily. The buses run on all working days on different routes.





Sports: Sports are an important part of just about every society, every country, and every part of our planet. In one way or another, everyone is involved in sports of some sort. We at Sahyadri give a lot of encouragement to sports and culture.



Food Court: The Campus has an aesthetically built, spacious food court that provides a variety of hygienic and delicious food like South-Indian, Vegetarian, Non-Vegetarian, Chats and Fresh Fruit Juice.



Sahyadri Initiatives

Student Project Support Scheme - SPSS

• SPSS is to convert the enormous reservoir of talent and creativity of students into projects. SPSS provides financial and academic support for student projects. This is the first of its kind in technical education in the country and has a major impact in improving the quality of technical education. The management has earmarked Rupees One Crore for student projects through the SPSS.

Sahyadri Science Talent Hunt - SSTH

- The objective of SSTH program is to provide a platform for exhibiting new ideas and the creative work of young talent of High School and PU/+2 colleges, creating curiosity towards science and latest technologies along with exchange of views and ideas with their peer group.
- Sahyadri Campus Buzz An online publication that narrates the events and the happenings on campus during the whole week in a nutshell
- News@Sahyadri A bi-annual publication. The activities of the students are published, supported, encouraged, motivated and nurtured by all our dedicated faculty members
- Sahyadri Corpus Fund The Corpus Fund is set up to promote Research, Innovations and Technology Development. Through the Corpus Fund, many schemes are developed to support research and project activities of the students
- Sahyadri E-Magazine A bi-annual magazine, showcasing the literary talent of Sahyadrians
- Sahyadri International Journal of Research A bi-annual journal dedicated to research activities and compilation of papers, thesis and reviews produced by our students and faculty members.

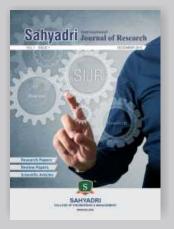
Academics... Research... Innovation... Entrepreneurship... only@Sahyadri





Corpus Fund





Sahyadri International Journal of Research

Sahyadri... carving a success story









