

“Sahyadri is not just a center of studies, it is a temple of learning.”



## INDUSTRIES & START-UPS @ SAHYADRI

#startupindia

STARTUP  
KARNATAKA

*Empowering Young Minds*



**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)  
Sahyadri Campus, Adyar, Mangaluru - 575 007

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**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
MANGALURU



## INDUSTRIES & START-UPS @ SAHYADRI

### Motto

To provide the best infrastructure for real time industry experience and training from industry experts which help to transform our students to future entrepreneurs.

### Overview

At Sahyadri, we believe that an engineering degree is not sufficient but we ensure that every student is experienced and trained in an actual industry environment and trained for the real-time skill sets required for the industry. We have taken a great leap in providing the infrastructure and getting corporates to establish their offices within the campus so as to ensure that our students can easily have access to real time work environment. The companies are providing training on the skill sets which are in demand by the industry, giving an edge to our students to start a great career with good pay packages.

Sahyadri has been recognized by the Govt. of Karnataka to be the Mangalore Centre for NAIN (New Age Incubation Network). The institute is much ahead in providing facilities for the students and identifying the proper training exposure for the students.

Learn

Work

Succeed

### Process

Every year Sahyadri conducts Science Talent Hunt (SSTH), which is open to all students in the Dakshina Kannada region, which provides a platform for the students to showcase their concepts and ideas. The experienced team of industry experts provide guidance and support to students to transform the students to become successful engineers.

In support of this, Sahyadri has initiated Student Project Support Scheme (SPSS) to impart project based learning from day one of Engineering course which is driven by the concept of Project to Product on completion of engineering with funding support from the college management.

The entrepreneurship cell and incubation centre at Sahyadri act as a catalyst for students with entrepreneurial skills by developing their concepts to market ready products.

### Outcome

- The students get a real-time experience and exposure in their respective industry vertical.
- Students are well trained with the industry required skill sets which help them to get better offers and opportunities.

### Sahyadri Initiatives

**Sahyadri Center for Social Innovation (SCSI)** is to motivate the students in the area of Social Innovations thus providing hands on experience and practical exposure to solve socially relevant problems. With the problems growing in the society, the engineers should have solutions ready kits to solve those problems and thereby create an ideal environment to evolve.

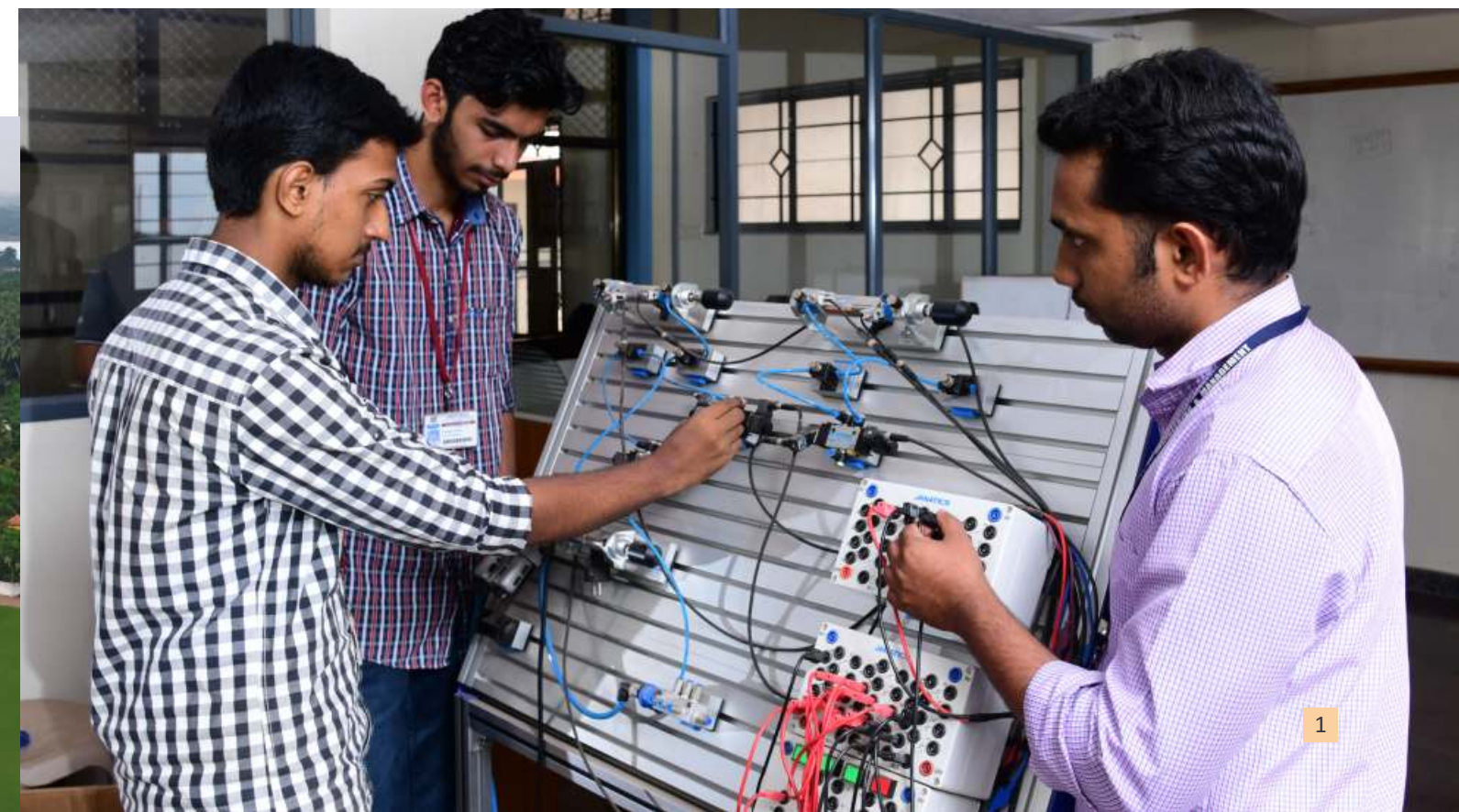
**Hand-on Experience Lab:** It is built on the lines of "Make in India" concept where students are encouraged to pursue their ideas and innovate continuously. In order to bridge the gap between theory and technology, the college has initiated this lab. It is a full-fledged 24X7 technical workspace.

**SAHYADRI...**  
Where Excellence  
is a Way of Life

**Creating platforms for Ideation:** Motivating first year students' participation in National Event/ Organizing event / Exhibitions / Developing creativity, Innovation and healthy competitive spirits are the core elements of Technical Career Education mission of imparting quality education

- Group of 6-7 first year students are given an opportunity to participate in national and international event
- **530+ First year Engineering students** participated in various technical competitions at IIT's, NIT's and renowned premier institutions across the country and won many accolades

**Student Project Support Scheme (SPSS):** is mainly initiated to impart project based learning from Day one of Engineering. This scheme is driven by the concept of Project to Product on completion of engineering course, with funding support from the college management. Nearly 500-600 Projects under this scheme are being done by our students.



Empowering Young Minds  
for a Better Tomorrow





www.dtlabz.com  
Mobile: +91 81058 57755

## Dreamers

A startup initiated with an intention to bring out creativity and innovation in every student and transform the nation into a place where true purpose of education is served. We are a conglomeration of enthusiastic engineers aiming to bring technology and innovation closer which can serve humanity and make earth a better place for living.

**DREAMERS** dream of creating a place where every interested student can interact with team members and work in an atmosphere where they can provide wings to their dream and let it fly higher and reach the zenith.

- Group of 6-7 first year students are given an opportunity to participate in national and international event
- **530+ First year Engineering students** participated in various technical competitions at IITs, NITs and renowned premier institutions across the country and won many accolades.



**ACHIEVEMENTS**  
Sahyadrians win Gold Award for 'SMART HELMET' in KPIT Sparkle 2018 at Pimpri Chinchwad College of Engineering, Pune



www.theteamchallengers.com  
Mobile: +91 81297 72624

The Challengers team is a competitive club that competes in various national and international level competitions. The team is run by students, which creates a dynamic group and enables students to gain experience in technical skills.

The broad range of experiences and intensity of life as Challengers help members to understand their full potential as engineers. By looking beyond our hilltop to the rest of the world, we are encouraged to work consciously towards the greatest dream we can envision.

Team challengers is a part of Robotic Club of Sahyadri College of Engineering and Management. Team having experience in various national level competition in fields of electronics and mechanical engineering is all set to take up an international challenge. Members are dedicated undergraduate students from various disciplines of engineering, passionate towards aerospace engineering and aeronautics. An endeavor to chase the new dimensions of engineering in the contemporary competitive world, crave kinetics of aeronautics.



**ACHIEVEMENTS**  
Overall 9th, Oral Presentation 7th and Payload Lifting 6th at SAE Aerodesign 2018, California, USA.  
Participated in SAE International Aerodesign West held at Fort Worth, Texas and Florida, USA







# Research Design Lab

A Computer Science Engineering and Electronics & Communications Engineering based Company.

sales@researchdesignlab.com  
www.researchdesignlab.com  
Mobile: +91 98862 71407

## RDL Technologies Pvt. Ltd.

Research Design Lab - continues to maintain product excellence and performance by introducing innovative cost effective solutions to cater to the needs of industry and students who dream to innovate and excel in the field of Electronics and Engineering- thus supporting an array of domains in real time, providing solutions you can count on.

### Company Offers

Research Design Lab are dedicated to provide electronics product design, reverse engineering, and manufacturing services to allow your business to stay competitive and meet your customer needs with complete product design including electronics hardware design, software design, design for manufacturer DFM, design for EMC compliance and approval to CE and other certifications

### PATENT WORKS

Sl. No.	Title	Application No
1	System and Method of Determining Facial Skeletal Pattern	2064/CHE/2014
2	Musculoskeletal Disorder Diagnostic System	1767/CHE/2014
3	Visible Light and Infrared Based Cellular Communication	201641033858
4	Device For Location Determination	201841009816
5	System And Method For Hybrid Variable Length Partial Pulse Modulation	201841015125



**Mr. Raghavendra G Shetty**  
CEO  
RDL Technologies  
raghav@rdltech.in

#### Vertical

- Embedded System design
- Machine Learning
- Artificial intelligence
- Automation and Robotic
- Industry IoT and Cloud
- Software Application development (APP/desktop/Web)

#### RDL Products

- R-LiFi
- RDL IoT Gateway
- RDL IoT -Sense
- RTU Modbus Gateway
- LF / UHF RFID reader
- Industrial Data Logger
- RDL IIoT RPi 3.0
- RDL IIoT RPi zero
- Call Bell Swatch Bharath

#### Internship, Training & Workshops

- Embedded System design
- RToS
- Industry IoT and Cloud (ML/AI)
- Automation and Robotics (ML/AI)
- HMI Development (APP/desktop/Web)
- Software Testing
- Networking and security
- PCB Designing







Aptra Technologies Private Limited is product development IT Company located in Mangalore, India. Aptra provides highly qualitative, timely delivered and cost-effective software solutions to our esteemed customers from various domains.

Aptra has a result-oriented team working with the latest technologies, assuring our clients total quality with accuracy and high value returns. Our Research & Development team continuously explores new

## Aptra Products

### AptraEDU

AptraEDU is an Educational ERP Software Solution which has been designed specifically for educational institutes - schools, colleges and universities. AptraEDU helps to optimize all campus related processes and is scalable to meet the ever changing requirements of the educational institutes.



A Computer Science Engineering and Information Science & Engineering based Company.

technologies to give our clients the best software solutions. We are pioneers in developing and maintaining applications for Client/Server, Web and Mobile technologies that leverage the full capabilities of smartphones and cloud services. We believe that the recent explosion of interest in mobile and tablet computing is going to continue and we want to help your business embrace this new era of technology.

### SmartSkool

SmartSkool mobile app can easily be set-up and integrated with the AptraEDT that enables parents to view "attendance information, behaviour levels, current and historic school reports and progress in the core subjects." This means that parents will be able to review information of their child at the touch of a button, making teacher-parents meetings more about exploring options than reviewing levels.



### Specialization

- Web Application Development
- Mobile App Development
- Native App Development
- E-commerce and portal development.
- Digital Marketing and Branding.

### Company offers

- Exclusive Education ERP for Schools and Degree colleges
- Comprehensive ERP for Engineering colleges
- Software Development & Maintenance – Customized Projects
- Email solution & Bulk SMS service
- SEO Services
- Domain Registration & Hosting solution
- Graphic Design

### Vertical & Domains

- IT - Education
- IT - App Development

www.aptratechnologies.com  
info@aptratechnologies.in  
Mobile: +91 98454 79434

### Courses offered

- Web Application Development
- Mobile App Development
- Cloud Computing

### Internship

- Responsive web application
- Hands-on App Development
- Software Development & Maintenance



Mr. Rajesh Naidu  
Program Director



Mr. Raghupathi Siddoji  
Technical Director

## SmartSkool



Application Software Development

Internship, Training & Workshops

Website Development & Maintenance

### Inventory Manager

Our leading asset tracking software enables you to manage inventory and assets across your company. Track vendors, move inventory across locations, and customize low stock threshold alerts for optimized inventory management. Scan barcodes and QR Codes with our mobile app to get a taste of inventory control software on the go.





**CALIPER** **CALIPER ENGINEERING & LAB PVT. LTD.**  
A Center for Mechanical Engineering Start-ups & Incubators

CALIPER is equipped with state of art ultra modern machinery / equipments / software to serve 'NICHE' Industries like Aerospace, ISRO, Defence, Nuclear, Ship Building, Oil & Gas and to up-skill Mechanical Engineering Students to be "Industry Ready" Sahyadri becomes the **FIRST Private Engineering Institute Campus in India** to be equipped with an integrated high tech composite manufacturing hub cum industrial training center.

Craftily blended with young & experienced human resource as well as bringing global manufacturing

**Offers Industrial training and Internships**

**CNC Machining**

- CAD / CAM – Level I & II
- CNC Machining – Level I & II
- Professional CAD modelling
- CNC Turning Center/Vertical Machining Center.

**Metrology & Measurement**

- Basic & Advanced Metrology & Measurement
- 3D CNC Co-ordinate Measuring Machine

experience, Caliper is gadgeted with high precision CNC Machines, 3D CNC CMM, Robotic Welding, Aerospace Industry specific NDT equipments.

Caliper is also a platform for learning "Best Manufacturing Practices" through real time production, in-line with 'Industry 4.0'

Caliper is also a launch pad for budding engineers for their "Start-ups" & act as "Mechanical Incubators", which is very rare in our Country.

**"Its not about Ideas. Its about making Ideas happen"**

**Non Destructive Testing (NDT) & Welding Technology**

- Basic & Advanced NDT & welding practices
- Visual Testing with ASNT Certification
- Magnetic Particle Inspection with ASNT Certification
- Liquid Penetrant Testing with ASNT Certification
- Ultrasonic Testing with ASNT Certification
- Professional Welding Inspector
- Robotic Welding

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**We help Industries Innovate and Grow**







**DTILABZ Pvt. Ltd.**

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Started in the year 2016, DTILABZ endeavours to develop progressive technological solutions for the betterment of humanity. By promoting research culture, share knowledge and provide opportunities to innovate, we hope to empower budding talents to explore their true potentials and contribute to the society. The goal is to design and develop electronic hardware products, help and provide continuous support from initial design concepts, through the prototype and pre-production stages, right up to and including product launch and manufacture.

### Innovation Products

DREAM KIT is an electronics platform based on plug-and-play hardware and drag-and-drop software. With over 27 modules, one can do over 200 projects ranging from switching ON-OFF a bulb to actuating motors based on gestures, right after opening it from the box. All that you need is a smartphone, DREAM KIT and your creative imagination to engineer a project for yourself, or home or school.

### Company offers

- Developing Electronics based Hardware Products
- In the field of Electronics.

### Specialization

- Research and Development
- Product innovation / development
- Electronics • Hardware Design

### Vertical

- Hardware Product Development
- Electronics • Hardware Design

### Domains

- Research and Development, Rapid prototyping, Product Designing and Manufacturing.
- Embedded Systems, IOT, Power Electronics, Wireless Communication, Electronics in Robotics
- Designing, Simulation, PCB Fabrication, Assembly and Testing.

**“DREAMS TO REALITY”**



**Dream Soft Innovations**

E-mail: reachus@dsi.com  
Web: www.dsi.com  
Mobile: +91 99024 99411

### About the Company

Dream Soft Innovations (DSI) is an entrepreneurial venture with technocrats proficient in software technology. DSI has been continuously contributing in the vertical of software technology and redefining education with smart tech products. DSI has empowered the global market with its quality software services.

### Innovation Products

Technological advancements have shaped each and every aspect of our lifestyles: from how we communicate to how we work to how we entertain ourselves. Education is no exception in this matter.

EDGE - Our augmented reality app and platform enables students and teachers to visualize 3D models in the real environment, in real time, and at scale.

Bridging the gap between the virtual and physical worlds, EDGE changes the way we see, imagine, and learn about the world around us.

### Company offers

- Software development
- Game development
- Computer visualization.

### Vertical

- Computer Vision
- Computer Visualization
- Software Development

### Domains

- Virtual Reality
- Augmented Reality
- Game development, 3D modelling and animation, Website Designing and development, App Development

### Training & Internship

- AR and VR
- Unity 3D
- Game Development
- Website Design and Development
- 3D Modelling and Animation



**Mr. Johnson Tellis**  
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**Shrajan Bhandary**  
Co-founder  
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### EDGE

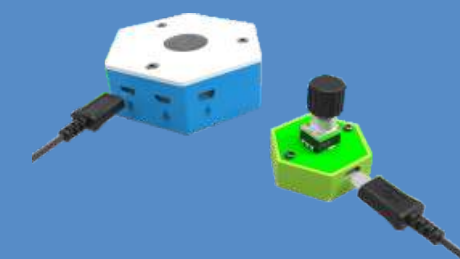


**Sahyadri will do more than teach It will Inspire...**



**Sachin Ganesh**  
CEO  
sachinganesh@outlook.com

### DREAMKIT







# SAHYAWARE

A civil based Company

sahyaware@sahyadri.edu.in  
Mobile: +91 97432 92760

Sahyaware is a startup, as a result of amalgamation of energetic young minds and experienced experts. The company promises quality services in the tailor made application software and training for the needy.

### Company Offers

- Internship Training • Value Added Courses
- Civil Engineering Software Training

### Products

- Systematic training in engineering software development.
- Development of tailor made application software.
- Hands on experience on standard software products in real time live projects.
- Innovative course material for steep learning curve.

### Specialization

- Engineering software development.
- Finite element analysis.
- Core engineering application softwares.



**Ms. Ramya K.**  
Asst. Professor  
Dept. of Civil Engg, SCEM  
Mangaluru



**Mrs. Smitha**  
Asst. Professor  
Dept. of Civil Engg, SCEM  
Mangaluru

# FLOTANOMERS

WE SPACE YOU

mj@flotanomers.com  
www.flotanomers.com  
Mobile: +91 8129 772624

The company mainly aims at producing RC planes, Quadcopters, Robotic machines, Nano-satellites and other space-related products are the future accomplishments. The services provided are Technical Training, Data Mining, Website developing. The ultimate aim is to set up a space service based company.

### Products

- RC Plane • Quadcopters

### Innovation Products

Hybrid Multi-rotor (under development)  
A hybrid quad-copter, that can be deployed for a wide variety of applications which demands more flight duration, stability, and reliability.

**When your dream is learning to fly planes  
Pursue your dreams and live a successful life  
Yes, your dream needs to be big.**



**Midhun Jyothis**  
Asst. Professor



**Probid J Panikkan**  
Asst. Professor





## Department of Placement

The academic year 2017-18 has reaped rich rewards with a sizeable number of students recruited by 180+ leading companies.

The Department of Placement is headed by the Placement Officer and a Placement Co-ordinator. 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

departments is to train the students as per the requirements of the industry. This is done through extensive industry specific training/internships, to enhance the effectiveness of the students aspiring for placements. The placement cell has also set up Aptitude Lab for continual assessment of students.

The placement office ensures the best arrangement for the recruiters. Student volunteers make the necessary arrangements on the day of the Company visit.

### Facilities

- Exclusive Aptitude Lab with 270 computers
- Auditorium with a capacity of seating 800 students
- The resource to conduct written test for 1000 candidates at one sitting
- Wireless Internet across the campus with BSNL 300 Mbps leased line
- LCD, Computer and Technicians for Pre-Placement Talk (PPT)
- Separate rooms for written tests, group discussions and interviews.



**Prof. Rashmi Bhandary**  
Head - Department of Placement

- Over 15 years of experience in the Education and Training field.
- Organized over 1200 campus / offcampus recruitment for engineering candidates and placed over 15000 students till date.

Better Skill... Better Career... Better Salary Package...



Placed in **₹ 21\***  
Lakhs P/A



Ajaygan K. Mech  
Placed in **₹ 14\*** LPA



Rafih M, IS  
Placed in **₹ 11.7\*** LPA



Ravi Yadav, IS  
Placed in **₹ 10\*** LPA



Placed in **₹ 8\*** LPA \*CTC



**180+**  
companies  
visited  
the campus for  
Placement

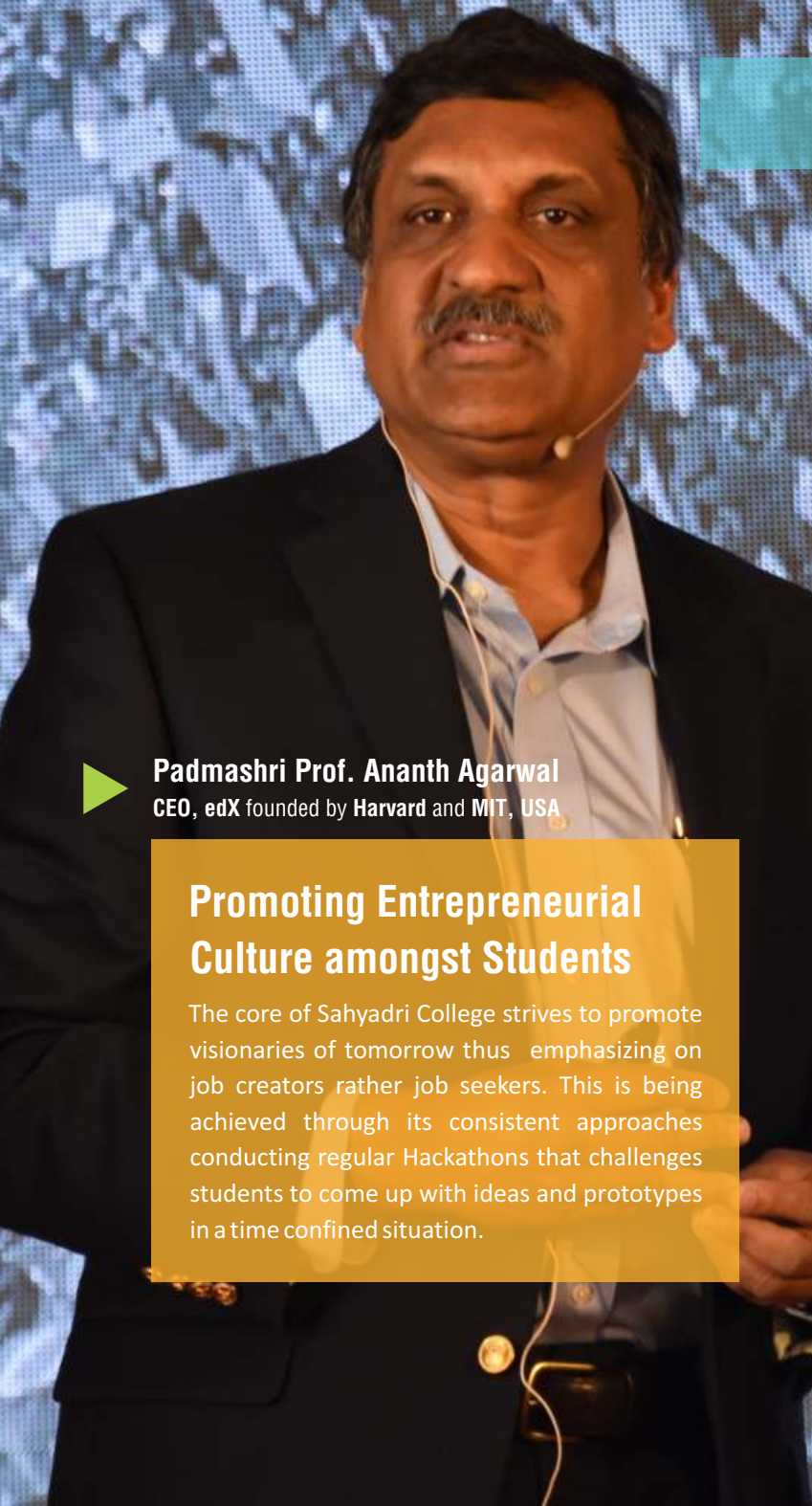
**510+**  
placement  
offers





## 'Campus to Corporate' Supporting the Entrepreneurial Zeal

### Interactive sessions with Industry experts



▶ **Padmashri Prof. Ananth Agarwal**  
CEO, edX founded by Harvard and MIT, USA

### Promoting Entrepreneurial Culture amongst Students

The core of Sahyadri College strives to promote visionaries of tomorrow thus emphasizing on job creators rather job seekers. This is being achieved through its consistent approaches conducting regular Hackathons that challenges students to come up with ideas and prototypes in a time confined situation.

### Promoting Corporate Interaction

Motto of the institution is to make the students "Live Engineering". Its envisaged by Project based learning, grooming Entrepreneurial culture fostering holistic development of students contributing to society. Expose them to updated technologies through weekly invited talks from renowned Scientists, CEO's, COO's, industrialists. It is augmented through Internships, value added courses.

### Skill Development

Understanding the importance of skills acquired by the engineers during their engineering study, specific labs are set-up in collaboration with industries to help students acquire the necessary skills and get updated with the new technology. This initiative includes

- Facilitating internship opportunities to understand the actual processes happening in industries
- Workshops and Training are imbibed in the curriculum to enhance the skills of every student.

# Why Sahyadri?

Sahyadri is a fast developing state-of-the-art education facility firmly rooted in Engineering & Management Education, located on the quietly flowing river Nethravathi at Adyar in Mangaluru, Dakshina Kannada district.

With the vast, modern, world class infrastructure and technically energizing academic environment, Sahyadri leads the way in delivering future ready Engineering & Management graduates who are future compliant & competent to serve the ever developing technological needs of the industries in India and around the world.

## More than just a qualification

At Sahyadri, the students not only get academic knowledge but are well trained through value added courses and internship experience in actual work environment.



## Unique Features

- Accredited Grade 'A' by NAAC
- 3 Industries & 5 Startups on Campus offering In-house Internships
- State-of-the art ambience
- Value Added Courses
- Certified Training Courses
- Industry Ready Learning
- Corporate Training