

SAHYADRI...
WHERE EXCELLENCE
IS A WAY OF LIFE



Mr. Rajesha T Mathew
MBA - 2014-2016 batch
Placed in
Kingdom University
Bahrain with
highest salary package -
Rs.14.04 lakhs per annum



GLIMPSES OF SAHYADRI

Noble gesture

High-salaried MBA graduate promises to donate first pay to alma mater

MANGALURU: With a pay package of Rs 14.04 lakh per annum, many job goers will be having grandiose plans with first month's salary.

In a rare gesture, an MBA holder from Sahyadri College of Engineering and Management here on Tuesday announced to donate his maiden salary towards the corpus fund of his alma mater.

Rajesha T Mathew, who has landed a job at Kingdom University, Bahrain, will be pocketing Rs 1.17 lakh (after converting it to Indian currency) per month. He has been recruited for the position of 'specialist in accreditation and quality assurance office'. He will be working closely with the vice-president of the university for accreditation. The university offers bachelor and master's programs in law, business administration, literature, architecture engineering and design.

What went in favour of Rajesha was his internship project during MBA (2014-16 batch) 'Application of Lev and Schwartz Compensation Model on the Human Resource Accounting Practices of MCF Limited'.



Rajesha T Mathew, an MBA holder from Sahyadri College of Engineering and Management, was felicitated for securing a high-salaried job, in Mangaluru on Tuesday. (Standing left to right) Business Administration Director Vishal Samartha, Rajesha's mother Traciamma, College Chairman Manjunath Bhandary, Rajesha's father T Joseph and Principal Umesh M Bhushi. DH PHOTO

Interacting with mediapersons, Rajesha said, "It was like Alice in Wonderland feeling the moment I came to know I have been selected."

Reacting to a particular query on taking job abroad when there is a debate on

checking brain drain, Rajesha quipped: 'Anyway, I will be sending my salary backhome in India, while I will be showcasing the talent abroad.'

Not many know that Rajesha quit the job with Larsen and Toubro (L&T) in Mysuru,

as he wanted to study further. A BSc graduate, he had been recruited at L&T and also worked for a salary of Rs 16,000 per month for one year.

It was indeed a proud moment for his parents T Math-

ew and Traciamma, from Kainkanje in Dharmasthala. Mathew who works in Dharmasthala Manjunatha Construction Company at Ujire had the satisfaction of helping his son make a career.

Rajesha's project guide and Director, Business Administration, Vishal Samartha recalled the moment when Rajesha was interviewed on skype and did exceptionally well. "What more could I have expected on this Guru Poomima Day. It was a true honour for a guru," she added.

The previous highest pay package was Rs 9 lakh per annum two years ago, recalled Samartha.

Chairman of the college Manjunath Bhandary said, "It is only the students who can take an institution to a higher level. And, this can be achieved by converting projects into products, rather than making projects for academic requirements."

Principal Umesh M Bhushi said, "In another five years, the college will become autonomous and structure based education will be the foreword."

DH News Service



Empowering Young Minds



SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
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SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU



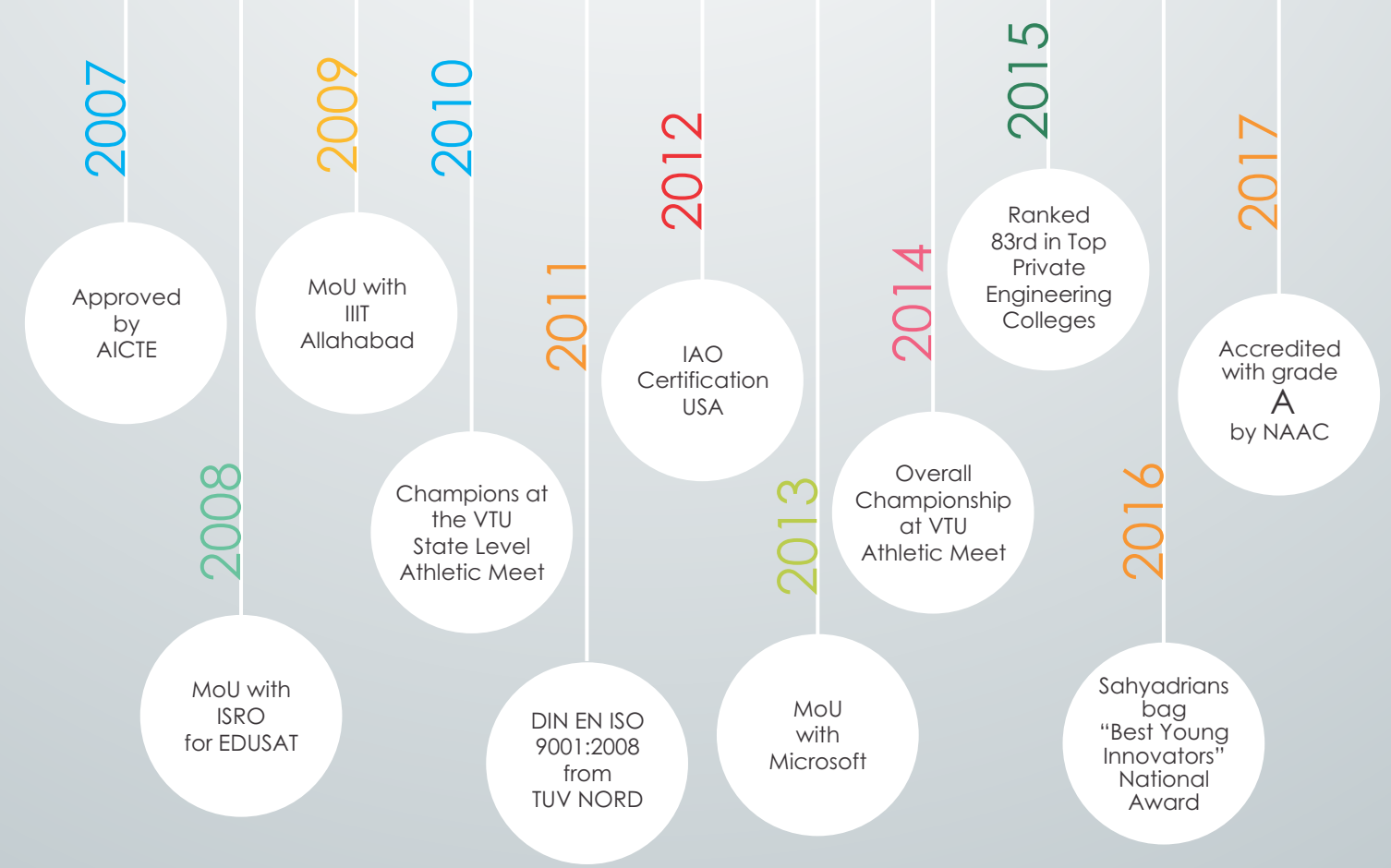
About Sahyadri

Sahyadri campus just off the Mangalore-Bangalore National Highway 48 is situated on the banks of the river Nethravathi. Surrounded with nature's pristine beauty and an excellent infrastructure coupled with dedicated and experienced faculty has made the Campus a much sought-after abode of learning.

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).

The College offers Bachelor Degree in Computer Science, Information Science, Mechanical, Civil, Electronics & Communication, and Post - Graduation in MBA, M.Tech in above mentioned five specializations and Ph.D. Research Programs.

The vision of the Institute is to become a globally respected institute striving continuously for excellence in Education, Research and technological service to the nation.



MoU with University of Paradubice



MoU with IIIT- Allahabad



Collaboration for academic & Industry excellence

The institute is striving continuously to upgrade its academic capabilities, Sahyadri has forged several national and international alliances in the fields of academics, research, faculty and students exchange programs, and joint venture projects to bring it at par with other world class institutions, continuously in pursuit of excellence.

MoUs and Academic Cooperation with Industries and Institutes

Academic

International

- Ghent University, Belgium
- University of Paradubice, Czech Republic

Indian

- IIIT- Allahabad
- Mangalore University
- ISRO, Bangalore

Industry

- i-Wave
- INTEL- Intelligent Systems Laboratory set up by FICE
- Microsoft
- Federation of Karnataka Chambers of Commerce & Industries (FKCCI), Bangalore
- Environmental Health and Safety Research & Development Centre (EHSRDC), Bangalore
- National Design & Research Forum (NDRF), Bangalore



MoU with iWave Systems

MoU with Mangalore University



Sahyadri seeks Professional growth through collaborations...

A helmet to make you a smart rider

RAGHAVA M.

MANGALURU: Wearing this helmet, you can enjoy wireless music at a safe volume that will help you keep focus on the road. It also enables the rider to answer calls on his mobile phone only if he or she brings the vehicle to a halt. Those going on a long ride can make use of voice navigation on an unknown terrain.

These are among the features seen in the 'smart helmet' designed by Navjith P. Karkera and Jagath Biddappa, third year engineering students from Sahyadri College of Engineering and Management. The two have bagged the 'Best Young Innovators Award' at the Innovation Initiative -2015 competition organised at the Indian Institute of Technology, New Delhi, on December 7.

The smart helmet were among the 2,700 entries submitted from all over the country. After screening, 76 were



Navjith P. Karkera and Jagath Biddappa from Sahyadri College of Engineering & Management with their electronic helmet.

showcased in the competition. Among them, top nine were selected based on technical feasibility, market potential and the impact on the industry, society and

environment.

Mr. Karkera and Mr. Biddappa, who are fifth semester students of mechanical engineering, and electronics and communication courses, re-

spectively, have developed a prototype of the helmet at the Sahyadri Edu Dreamers R&D Ltd - a startup - where they have been interning.

Among the other noticeable features of this helmet include an accident location alert to health response units and also to relatives. It also has safety light to improve the visibility of the rider. The rider has to wear the helmet and strap it properly for his vehicle to start. The motorcycle will not start if the rider was found to have consumed alcohol beyond the permissible limits.

M. Shreya, the PRO of the startup firm, said the design of the smart helmet had been patented in the names of Mr. Karkera and Mr. Biddappa. It was being tested for various safety features and other regulatory norms. After finishing analysis and carrying out further changes, the firm would move towards inviting investors for production, she added.

Achievements & Awards

- Mr. Manjunath Bhandary, Chairman was honored "Eminent Engineer of the Year "Award 2016, by The Institution of Engineers (India) Karnataka State Centre, Bangalore for his meritorious service in the field of Engineering and Education.
- Sahyadri Team Challengers positioned 6th in SAE International Aerodesign West at Fort Worth, Texas, USA
- First Year Engineering Students of Sahyadri Won Best Freshers Award @ IIT - Kharagpur and First Prize @ NIT - Trichy
- "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
- Sahyadri MBA ranked 35 among top 100 B- Schools in India in the beyond IIMs B-school survey 2016 conducted by Higher Education Review Magazine.
- Ranked 42nd among Top 100 Private Engineering Colleges in India survey 2016 by Higher Education Review (HER)
- Ranked 90th in Top Private Engineering Colleges in India research survey by The Week Magazine and Hansa 2016
- Accredited with grade 'A' by NAAC
- AA+ In the Best Engineering College survey by career 360
- 9 Start-up Companies supported by e-cell & Incubation centre

SAE International Aero Design at Texas, USA



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





1st Rank & Gold Medal



Ms. Sasha Rai P
M.Tech - Computer Aided Design



Created a New Record in VTU in 1st Semester & 4th rank in final exams



Mr. Akshay R Bhandary
B.E. - Mechanical Engineering

Academic Excellence

Since from the inception, the students of Sahyadri have consistently been top rankers in the VTU Examinations, thus making it one of the prestigious institution of repute. The staff and students at Sahyadri, would like to offer their sincere congratulations to all the students who performed so well in the recent examinations. Sahyadri is proud of its record of success in improving student grades and in sending them to high quality education.

- Ms. Sasha Rai P has secured First Rank & Gold Medal in VTU, Belagavi 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 is one of our students has created a new record in VTU by securing 94.04%, in the 2012-13 batch out of more than 85000 students.
- Mrs. Shreya Rai M.Tech. in Computer Aided Design of Structures has secured 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.
- Mr. Pankaj Kumar Rathi from CSE has topped 10 Grade SGPA VTU Topper.

3rd rank in VTU



Mrs. Shreya Rai
M.Tech- Computer Aided Design

8th rank in VTU



Ms. Shimna M
B.E.- Information Science

CSE Topper in VTU



Mr. Pankaj Kumar Rathi
B.E- Computer Science.

4th rank in VTU

Ms. Prajna A, MBA





Mr. Shashikiran Shetty



Mr. Yogesh Agiwal



Mr. Sreenivasa Ramanujam



Mr. Lakshmi Narayanan



Mr. Dorai Thodla

Industry Interaction

Students are provided with corporate exposure through visits to industrial and corporate campus to get acclimatized to the kind of opportunities that are awaiting them. Competency enhancement programs are conducted for the students to keep them in the state of preparedness. These programs are woven in to their regular curriculum, in order to hone their special skills through which they can build their own future.

Motto of the institute is Project & Research based learning, grooming Entrepreneurial culture fostering holistic development of students contributing to society getting them exposed through weekly invited talks from renowned Scientists, CEO's, COO's & industrialists. These are augmented by strong Human Resource with wide range of rich experience from renowned institutes, strong management support aiding project based learning through more than a crore of investment every year, facilitating funded research.

Sahyadri will do more than dream
It will work together...





Kalam's coworker spreads inspiration

Says Student Innovators Are The Best

TIMES NEWS NETWORK

Mangaluru: While the world may miss former President Abdul Kalam, his spirit lingers on in the lives of many. The students of Sahyadri College of Engineering and Management got their much-needed career boost on Teachers' Day when a colleague of the Missile Man and an architect of India's Akash Missile programme Padmashree Prahlada Rama Rao shared his perspectives on innovation and attitude. Rao inaugurated the Sahyadri Center for Social Innovation.

Motivating the young minds, he said that the brains that worked on the making of the Akash missile programme — the brainchild of Kalam — a success were students who very much like them — from tier II and tier III

engineering colleges.

The radars that these students developed for Akash were better than what the best of brains in DRDO, an organization that he headed as director, came up with.

"The radars that students developed were better than ours and more reliable and of good quality," Prahlada added. India will repose its faith in bright, young, dynamic and networked generation next as the country strives to realize Prime Minister Narendra Modi's clarion call of 'Make in India,' he said.

To help achieve this, it is important for GenNext to get in touch with their childhood curiosity of questioning everything and go after objects with unbridled excitement and desire to experiment with them. "Revive your self-learning curiosity albeit at a higher level," he said.

Asserting that this is the same streak of innovation that helped India steal a march over their Russian counterparts in the BrahMos missile programme, Rao said that the fire control systems



which the Indian engineers manufactured were far more superior and sophisticated than what Russia had. The continuous successful test flights of BrahMos were acknowledged by the Russians, he pointed.

The other word of advice that Rao gave students is on the need for them to focus on areas of energy, healthcare and food. "If your work (as engineers) can provide solutions to these pressing areas, then consider you have done

your job," he said. As engineers, the focus must be on providing home grown solutions to issues that matter. "You must strive to come up with new products, services and computer software," he said.

Padmashree Dr. Prahlada Rama Rao Inaugurated the SCSI

Sahyadri Center for Social Innovation - SCSI

The main objective of the Sahyadri Center for Social Innovation (SCSI) is to motivate the students in the area of Social Innovations and Engineering and provide hands on experience and practical exposure to solve socially relevant problems. The college believes that mere academic knowledge is not sufficient to produce world-class engineers.

Hands on Experience Lab

The Hands-on Lab is built on the lines of "Make in India" concept where we encourage students to pursue their ideas and innovate continuously. In order to bridge the gap between theory and technology, the college has initiated this lab. The Hands on Lab is a full-fledged 24X7 technical workspace. The lab aims at enhancing the analytical skills and practical knowledge of the budding engineers. One intent is to bring Engineering close to reality.

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 the problems faced and develop concepts for solutions.



"Industrialise or Perish"
- Bharat Ratna Sir M. Visvesvarayya



ವಿದ್ಯಾರ್ಥಿಗಳ ಕೌಶಲಕ್ಕೆ ಸಾಕ್ಷಿ ಯಾದ 'ಟೆಕ್ ವಿಷನ್'

ಕನ್ನಡದ ಉನ್ನತ ಶಿಕ್ಷಣ ಕ್ಷೇತ್ರವನ್ನು ಪ್ರತಿನಿಧಿಸುವ ವಿದ್ಯಾರ್ಥಿಗಳ ಕೌಶಲಕ್ಕೆ ಸಾಕ್ಷಿಯಾದ 'ಟೆಕ್ ವಿಷನ್' ಯೋಜನೆಯು ಈಗಾಗಲೇ ಅನೇಕ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಾಕ್ಷಿಯಾಗಿದೆ. ಈ ಯೋಜನೆಯಡಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಾಂತ್ರಿಕ ಕೌಶಲವನ್ನು ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಮೌಲ್ಯಗಳನ್ನು ಒದಗಿಸುವುದು ಉದ್ದೇಶವಾಗಿದೆ. ಈ ಯೋಜನೆಯಡಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಾಂತ್ರಿಕ ಕೌಶಲವನ್ನು ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಮೌಲ್ಯಗಳನ್ನು ಒದಗಿಸುವುದು ಉದ್ದೇಶವಾಗಿದೆ.



ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಾಂತ್ರಿಕ ಕೌಶಲವನ್ನು ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಮೌಲ್ಯಗಳನ್ನು ಒದಗಿಸುವುದು ಉದ್ದೇಶವಾಗಿದೆ. ಈ ಯೋಜನೆಯಡಿ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಾಂತ್ರಿಕ ಕೌಶಲವನ್ನು ಹಾಗೂ ಸಾಂಸ್ಕೃತಿಕ ಮೌಲ್ಯಗಳನ್ನು ಒದಗಿಸುವುದು ಉದ್ದೇಶವಾಗಿದೆ.

Sahyadri College 'bot' bags first prize at NSSC 2013

Mangalore: Padma Bhushan B V Sreekanth felicitated budding research team of Sahyadri College of Engineering and Management that bagged first patent of Karnataka Government Research Center Sahyadri (KGRCS) and the first place in NSSC '13 at IIT-Kharagpur here on Friday Professor Sreekanth was invited to interact and meet with the members of the newly formed VTU Research Consortium under the aegis of the KGRCS.

Sreekanth felicitated team 'Dreamers' of the college who won first place in National Students Space Challenge (NSSC) '13 at IIT Kharagpur for their innovative design of all-terrain vehicle for use on the surface of the moon. The Dreamers - Diversified Real-time Engineers Aspiring to Marvel in Energy, Resources and Self, members of Alpha Flying Club of the College are Johnson Telis, Fadli Lugman, Gautham Nayak, and Aman Agarwal.

The team's design of ATV was entered in Drill-Droid in NSSC '13 under the aegis of ISRO. The award here has catapulted college yet again onto the national map. Abdul Kareem, associate professor, department of electronics and communication engineering guided the project. NSSC is the sole technical fest of its genre dedicated to promoting space enthusiasm in India. It was conceived by Space Technology Students' Society a group of IITians.

Drill-droid event in which team won the first place aims to help in endeavour to make new and fascinating discoveries ever since NASA's Mars Science Laboratory landed the Curiosity Rover on Mars in 2011, with efforts of finding evidence of life. With this passion NASA has planned to launch a rover in 2020 that can bring back samples of Martian soil to Earth. Drill-Droid aims to help in this endeavour and collect samples from under solid surface.

The participants were expected to build a manual bot which would be capable of traversing a difficult terrain, having a drill mechanism attached. The mechanism should be able to drill at specific locations in the arena and also collect samples present underneath. The bot should thus be able to traverse a rocky terrain like Mars, drill through thermocol placed at specific locations and suck the liquid through the holes drilled at the marked locations.

With a terrain already laid out with specifics and the judging parameters being stringent, it was only a matter of time before the team Dreamers was able to clinch the first place in the event, competing against more than twenty teams from different states and setting up a high score of 600+ leaving behind about other 20 teams with 300 points, including IITians and NITians. Thought to be a perfect bot, it still performed notwithstanding some hiccups.

Two team members of Dreamers invented and filed first patent of KGRCS. This very first patent has these novelties - solar-electricity is produced through muscle power. Solar-energy is stored in our body which is lead-free battery. Thus stored solar-energy could light 1W table lamp by 10W feet-pedaling; muscle power can generate up to 100W electricity by pedaling cycle on stand. Muscle power is also UPS & could light full home with up to 100W.



WINNERS: Team 'Dreamers' from Sahyadri College of Engineering and Management who the first place in National Students Space Challenge '13 at IIT Kharagpur

Sahyadri will do more than belong
 It will participate...

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.

SPSS for students is to motivate the students to do the projects while they are studying and also to get the experience. In the first year itself motivate students to find out the social problems and try to find out the solutions. The each and every students group will get the seed money for their projects and among them selected projects will get the fund.

The main motto of the SPSS is students should have hands on experience, while they are studying engineering and also make them industry ready, more than that they should develop the confidence and to get the idea to create their own startups.

The management will be supporting for student projects through the SPSS. It is made mandatory for each and every student; faculty members closely monitor each and every step of the project



Techvision - Project Exhibition Inaugurated by Mr. Shashikiran Shetty



Sahyadri will not only promote... it facilitates Research and Development

Sahyadri engineering college students to take part in SAE Aero Design contest in US

MANGALURU: The students of Sahyadri College of Engineering and Management have designed a SAE Aero Design plane. It was unveiled by MP Nalin Kumar Kateel recently.

The 'Team Hawk' is a part of robotic club of the college. The team, which has taken part in various national-level competitions in the fields of electronics and mechanical engineering, is all set to take up an international challenge by taking part in the SAE International Aero Design event which will be held at Fort Worth, Texas from March 11 to 13.

A press release said the members of the team are undergraduate students from various disciplines of engineering, passionate towards aerospace engineering and aeronautics who endeavor to chase new dimensions of engineering and kinetics of aeronautics.

Around 75 teams from around the world will be participating in the SAE International Aero Design. 'Team Hawk' is one among the two teams from Karnataka. The team members—Mohammad Anwar, Tharanath, Gouse



Members of 'Team Hawk' explain their project to MP Nalin Kumar Kateel. MLC Capt Ganesh Karnik and others are seen. DH PHOTO

khan M S, Midhun Jyothis, Gerald K Antony, Rajgokul Ganiga P S, Nitin S Prakash, Probid J and Amrutha Khandare — have been selected to participate in this year's SAE Aero Design. The team has successfully registered and received confirmation of their participation. Dr Rathishchan-

dra Gatti, Professor of Sahyadri College of Engineering and Management is the team adviser. SAE International, initially established as the Society of Automotive Engineers, is a US-based globally active professional association and standards organisation for engi-

neering professionals in various industries. The SAE Aero Design contest is intended to provide a real-life engineering challenge to undergraduate and graduate engineering students. The competition has been designed to provide exposure to the kinds of situation that en-

gineers face in their real-life work environment. In the first and foremost a design competition, students will find themselves performing trade studies and making compromises to arrive at a design solution that will optimally meet the mission requirements while still conforming to the configuration limitations.

SAE Aero Design features three classes of competition -- Regular, Advanced, and Micro. Regular Class continues to be the class with the purpose to develop the fundamental understanding of flight. Advanced Class requires teams to have a systems approach to the design while integrating several engineering disciplines such as aeronautical, mechanical, electrical, and computer engineers. The ultimate end goal for this class is 'autonomous flight with a 'purpose' decided every year by rules committee members. Micro Class teams are required to make trades between two potentially conflicting requirements, carrying the highest payload fraction possible, while simultaneously pursuing the lowest empty weight possible.

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SAE International collegiate Club

The institution has supported students to participate in SAE BAJA, SAE SUPRA, SAE AERO etc; competitions which help students to use their theoretical knowledge for practical applications. Students are qualified for SAE-BAJA, Go-Kart, SAE Formula Race, and SAE Aero Design Competitions. A two days National level Aero Modeling Competition "Aerophilia" conducted at Sahyadri. The competition for undergraduate students of the entire country was organized by team Challengers and Dreamers of the institute, wherein students from premier institutes like IIT Madras, IIT Kanpur, NIT Karnataka had participated.



SAE Supra

These aero show models are a joy to behold



RAGHAWA M.

MANGALURU: The manoeuvres of an F-16 model were no different from that of the original. Bengalurean Kumar V. Rao displayed his expertise in flying the model and gave engineering students the real feel of the flight of F-16 fighter jet.

He showed his skills during the aero model display by the Mangalore Flyers Club as part of the two-day national aero modelling competition 'Aerophilia 2016', which began at Sahyadri College of Engineering and Management, Adyar on Friday.

Nearly 25 teams from Indian Institutes of Technology, National Institutes of Technology and other engineering colleges are participating. The first one was the display of 3D flying aeroplane. Students were thrilled to see this model spin and also fly upside down in the sky. There were also displays of Ticarno and Adarsh-Helicam air planes. There were some prob-



Participants during the national-level aeromodelling competition 'Aerophilia' at Adyar, near Mangaluru, on Friday. — PHOTO: P.S. MANJUNATH

lems for the enthusiasts to show their skills of flying these ready-to-fly models because of the climate. A member of the Club said humid climate and frequent change of wind direction were hindrances. The two-day competition was inaugurated by Aravindh AV and Chinmaya C, the Engineers from Aeronautical Development Agency involved development of Light Combat Aircraft for the defence forces. Mr. Aravindh said involving in aero modelling gives the first-hand information in making of aircraft. The knowledge gained stands them in good stead while developing new aircraft, said Mr. Aravindh, who has participated in many aeromodelling competitions during his engineering days. Mr. Chinmaya said there was lot of scope for young engineers from aeronautical science and other streams as the Central Government was laying more emphasis on 'Make in India'.



Engineering college to encourage budding entrepreneurs

Anil Kumar Sastry

MANGALURU: Sahyadri College of Engineering and Management, Mangaluru, run by Bhandary Foundation, will open an entrepreneurship cell on Saturday in college campus to encourage budding entrepreneurs to start their own ventures.

On the occasion, the first start-ups by a college student, Sahyadri Dreamers R & D Pvt., Ltd, too would be inaugurated, said College Princi-

College to open entrepreneurship cell, earmarks 20,000 sft space for start-up ventures

pal U.M. Bhushi. He told presspersons here on Friday that the Cell has been provided an exclusive space of 20,000 sft in the college campus for the start up companies. The college has also

created a corpus fund to finance the start-ups, he added.

Mr. Bhushi said the cell aims to ignite the creative thinking of students towards innovation and mentor them to become successful entrepreneurs.

At a time when majority of engineering students are moving towards jobs, the college aims to encourage entrepreneurship. "There is risk in every field. If one does not take risk, one would not succeed in life," he said.

The objective of the cell is to create a complete ecosystem for setting up entrepreneurial ventures, to nurture ideas into innovation, to start innovative incubation centre, to encourage students to start their own campus companies, to encourage community engagement through industry institute initiatives and many more.

The cell will be inaugurated by Kanara Chamber of Commerce and Industries President Rammohan Pai Maroor.

Sahyadri

Entrepreneurship Cell (E-Cell)

Start-up & Incubation cell

Start-up at Sahyadri focuses 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.

The Sahyadri 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 the students with necessary infrastructure, mentoring and resources in making them successful business set-ups.

Start-up companies by students at Sahyadri eCell

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

Sahyadri college opens social innovation centre

Special Correspondent

MANGALURU: Mangaluru-based Sahyadri Engineering College on Saturday opened Sahyadri Center for Social Innovation that comprises hands-on experience lab, engineering sense lab, innovation lab and product design lab.

Prahlada Rama Rao, former Vice Chancellor of Defence Institute of Advanced Technology and former Di-

rector of Defence Research and Development Laboratory inaugurated the facility here.

Keen interest

Chairman of Bhandary Foundation, which runs the college, Manjunath Bhandary, said he took keen interest in opening the innovation centre. More than 90 per cent of the engineering graduates fail to make use of their basic knowledge for

the welfare of society. A good engineer is always the one who applies the knowledge to address societal problems. Mr. Rao said students should utilise the model of learning wherein teachers would do less of teaching and students learn more.

Emphasis

He also emphasized that institutes should provide the environment and space for innovation where students

being dynamic, highly networked, ambitious and comfortable in adopting new technologies can make wonders happen if opportunities are provided to them.

He advised students to realize their potential and break barriers in order to innovate and explore. Mr. Rao concluded saying that solutions can be provided to problems through innovative products, services and processes.

Entrepreneur Cell in College

Mangaluru: Bhandary Foundation's Sahyadri College of Engineering and Management will set up an entrepreneurship cell on the college campus on Saturday with the objective to encourage start-ups of budding entrepreneurs.

A start-up company launched by a student, Sahyadri Dreamers R & D Private Limited, will be inaugurated on the same day, principal U M Bhushi told reporters on Friday. The cell, spread over a space of 20,000 sqft, also has created a corpus fund to finance start up companies, he added. The Cell will be inaugurated by Kanara Chamber of Commerce and Industries president Rammohan Pai Maroor and Akarsh Naidu from IIMB, will inaugurate the first start-up company. **ENS**



'Integral center for science, engg, society and spirituality' to open tomorrow

MANGALORE: The Government Research and Development Center, 'Integral Center for Science, Engineering, Society and Spirituality,' (ICSESS) will be inaugurated on November 10 at Sahyadri College of Engineering and Management.

Addressing a press meet here on Thursday, Bhandary Foundation President Manjunath Bhandary said that government of Karnataka has accorded permission to establish the government research center, incubation center, placement center and training center at the College with the support of Visvesvaraya Technological University and relevant industry involvement, for technical students to bridge the gap between industry and academia.

With the support of IIT-Allahabad, 'Center of excellence,' and 'Innovation lab for research activities in the specific field' will be established.

These centers aim to benefit the budding engineers and teaching fraternity to gain

hands-on research expertise through premier industries. The government placement center will provide common platform for recruiters and also provide aspiring students with information on available project options, internships and market avenues, said Bhandary.

He further added that the long term vision of ICSESS is to perform scientific, management and technological research and development applicable to the 'Bottom of the Pyramid'- the rural population of India. The center will be directed under the leadership of Dr Shankara Prasad.

The center will be inaugurated in the presence of State Minister for Higher Education C T Ravi, Former CM D V Sadananda Gowda, Principal Secretary Siddaiah, IIT-Allahabad Director M D Tiwari, VTU Vice Chancellor Dr H C Maheshappa, MP Nalin Kumar Kateel, MLA Krishna J Palemar and others.
DH News Service

Centres for research, placement opened

Staff Correspondent

MANGALORE: The State government's three centres – for research, incubation, and placement and training – were inaugurated on Sahyadri College of Engineering and Management campus on Saturday. The government provided Rs. 5 crore for setting up the three centres.

Earlier, Chairman of Bhandary Foundation Manjunath Bhandary said people across the State can make use of the three centres. The research centre will be open for all those who want to carry out research.

Shankar Prasad, who heads the centre, said, "We will be providing support for the research work that benefits society at large." It would provide opportunities for car-

rying out research adopting multidisciplinary approach.

Platform

The incubation centre will be a platform for discussion of new ideas and concepts. The placement and training centre will be organising campus selection programmes and industry interactions for students who do not have such facilities at their institutes.

Speaking on the occasion, Higher Education Minister C.T. Ravi hoped that the centres would help come up with nation-transforming innovations and ideas.

Director of IIIT Ahmedabad M.D. Tiwari, former Chief Minister D.V. Sadananda Gowda and VTU Vice Chancellor Maheshappa participated in the function.

Govt. Approved Research Center at Sahyadri

Sahyadri College of Engineering & Management 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 IIT- Allahabad, a Center of Excellence and an Innovation Lab has been established at Sahyadri campus. The management supports aiding project based learning through more than a crore rupee of investment every year, facilitating funded research.

Sahyadri Research center is centralized facility and management system initiated by college management for all the Visvesvaraya Technological University recognized departmental research centers. All major research strength of faculty are being recognized and given spacious Laboratory facility with infrastructure to boost research. Younger faculties, M. Tech, B.E. students are encouraged to associate with research activities and are also encourage doing internship at Research laboratories. Research center offers PhD courses for all engineering and basic science branch.

VTU Approved Research center

- Department of Mechanical Engineering
- Department of Civil Engineering
- Department of Computer Science and Engineering
- Department of Masters in Business Administration
- Department of Engineering Physics
- Department of Engineering Chemistry



Inauguration of the Government Research Centre



Sahyadri will not only promote....
it facilitates Research and Development



Tech expo to showcase 259 funded student projects

Times News Network

Mangaluru: Karnataka State Council for Science and Technology (KSCST) will organize the 38th series of seminar and exhibition of student project programme at Sahyadri College of Engineering and Management at Adyar from Thursday.

Over 400 students from 94 engineering colleges will take part in the event.

A total of 259 projects selected by the council for financial assistance will be exhibited at the two-day event.

The science council has received a total of 1,630 project proposals.

With more than 200 engineering colleges dotting the state, the council received the 1,630 project proposals from 133 engineering colleges.

Of these, the council selected 459 projects for financial assistance to the tune of Rs 25 lakh, said S G Sreekanthwara Swamy, the council's executive secretary. Of the 459 projects exhibited earlier at 12 nodal centres of the council, 259 were chosen for the 38th series of the programme, he said.

116 proposals on biofuel

With Karnataka State Bio-fuel Development Board evincing interest in support of the council's endeavours in promoting engineering entrepreneurs, the programme will see 39 projects related to the area of biofuel on display, he said.

"The council received 116 project proposals in the area of biofuel, of which 59 were selected for funding and 39 displayed at the event," he said, adding that the board's support has spurred student research in this area.

The council will release two technical compendiums as part of the inaugural function including one on biofuel and bioenergy projects and the other on student project programme 2014-15.

A CD containing complete information will also be released in addition to a separate book on geographical indicators (GI) of the state. "The multi-colour book has information of 90 items that have received GI tag and give a clear idea about regional specificity of the items therein," he said.

On the need to preserve the project for future reference, the council has taken steps to digitize projects presented in the earlier series and hosted the same on its website www.kscst.org.in.

"We have already digitized nearly 1,500 projects presented from the 32nd to the 37th series running in to nearly 1.20-lakh pages," he said, adding that the council hitherto was maintaining the same in its library.

The council thus far has supported more than 7,500 projects since inception, he remarked.

Jayant M Modak, deputy director, IISc, Bengaluru, will inaugurate the programme. H Maheshappa, vice-chancellor, Vivesvaraya Technological University, will be the chief guest. M S Mohan Kumar, secretary, KSCST, will preside over the tech expo.

Lakshman Nandagiri, professor, department of applied mechanics and hydraulics, NITK, Surathkal, will deliver the valedictory address. A Narendranath Udupa, principal scientist, Philips Research, will deliver a technical lecture.



Over 400 students from 94 engineering colleges will take part in the 38th series of seminar and exhibition of student project programme at Sahyadri College of Engineering & Management from Thursday.

THE NEW INDIAN EXPRESS

Sahyadri Engineering College Students Create Systems To Make Life Easy

Mangaluru: To solve the tedious task of cleaning the floor, Kamal Akhram, Bhaskara Gowda, Chaitan A and Sandeep Prabhu of Sahyadri College of Engineering & Management, have created a low-cost fully automatic robot that can clean floors effectively reaching every corner of the floor. The robot is fully automatic and is made to clean with low taring robot. It is equipped with a sensor generator that generates using water from the water chamber. A water gun is attached to the robot's chamber which cleans the floor. A team of students from the same department, Adarsh K K, Chaitan F, K, Prashanth Prabhu and Prashant A K, designed and developed a robot that cleans the floor. The project was funded by the Government of Karnataka and supported by the Government of Karnataka and the Government of Karnataka.



Research Grants in last four years

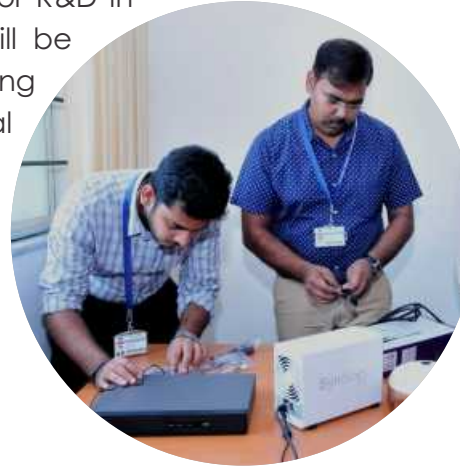
Rs. in Lakhs

Department	Projects-Completed	Projects-Sanctioned	Total Grant Received	Projects-Submitted
Civil	KSCST:1 - 0.12	Industry:1 - 0.50 Industry: 0.50	KSCST: 0.18 KSCST: 0.30	DST:1 – 50.00 MECC:1 – 75.00
CS		VGST:1 - 20.00 VGST: 20.00	KSCST-2 – 0.10 KSCST : 0.10	
E&C	VGST:1 - 4.00 IE:1 - 0.80 KSCST:10, 4.8 INUP:1 - 1.50	DST-EMR:1 - 55.89 VGST:1 - 30 KSCST: 3 - 0.17 SG-UHD-USA:1 - \$ 1000	DST-EMR: 55.89 VGST: 4.00 INUP/IE: 2.30 VGST: 30.00 KSCST: 4.97 SG-UHD-USA:1 - \$ 1000	DRDO:1 - Rs. 74.80
IS		KSCST:1 - 0.04	KSCST: 0.04	
Mechanical	KSCST:3 - 0.205 VGST-TRIP:1 - 0.40	KCTU:1- 115 INUP:1 - 1.50 KSCST:7 - 0.52	KCTU: 115.00 KSCST: 0.725 VGST-TRIP: 0.40 INUP: 1.50	CPRI:1 – Rs.17.50
Chemistry		VGST:1 – 4.00	VGST: 4.00	DST-EMR:1 - 29.90
Physics		INUP:1 - 1.50	INUP: - 3.00	DST-EMR:1 - 29.70 AICTE-RPS: 25.00
MBA		AICTE:1 – 4.42		AICTE:1 - 4.42

The Institution has submitted 10 Project proposals to Karnataka New Age Incubation Network (Expected Project fund: Rs. 40.00 Lakhs) under 'IT Incubation Centre Programme'.

Centre for Nano-technology - CENT

Center of Excellence in Nano-science and Technology (CENT) has been established with a vision to create, establish and sustain advanced research in device technologies for emerging electronics. The centre will be multidisciplinary involving departments of Physics, Chemistry, Mathematics, Civil Engg., ECE, CSE/ISE and Mechanical Engg. for R&D in both novel and nano-materials, thin films and devices. This will be achieved through an in-house experimental infrastructure having equipments for thin film growth, XRD and FESEM for structural characterization and some important measurement systems for electrical characterization. Sahyadri is the first institution in the creation of such a centre in the undivided Dakshina Kannada district of Karnataka State.



SIJR

Journal

Research

Research Papers

Review Papers

Scientific Articles



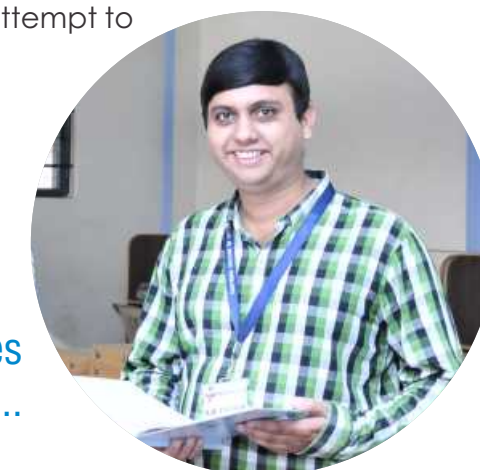
SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
MANGALURU

Research Publications citations in last four years

Department	Research Guides	Research Students registered for PhD.	Research Students submitted thesis.	Total number of Publications in the Last 4 Years	Highest Impact Factor of journal	Highest Number of citations of faculty since 2011	Highest h-index of faculty since 2011
Civil Engineering	3	1	1	200	6.20	35	6
CS& Engineering	4	8	3	82	2.43	71	6
E&C Engineering	4	-	-	110	3.668	151	9
IS & Engineering	1	3	-	28	0.5	16	3
Mechanical Engg	2	2	5	49	-	313	3
Chemistry	1	2	-	17	2.00	10	-
Mathematics	1	2	-	3	-	-	-
Physics	2	10	2	36	2.129	199	9
MBA	4	-	-	56	5.10	-	-

Sahyadri International Journal of Research (SIJR).

Being in a technological institute, our focus is multidisciplinary; the most important disciplines in which we would focus are Physics, Chemistry, Applied mathematics, Electronics and Communications, Mechanical Engineering, Civil Engineering and Computer science and Engineering. Apart from research papers, the journal also would attempt to publish articles on important scientific discoveries.



Sahyadri is not just a centre of studies
It is a temple of learning...

We are Placed

AXIS BANK

UST Global

Tech Mahindra

IBM

Capgemini

McD Berl

MBA

E&C

IS

Civil

CS

Mech

Proud to be Sahyadrians

475+

Students are Placed in Premier Companies



The Department of Placement

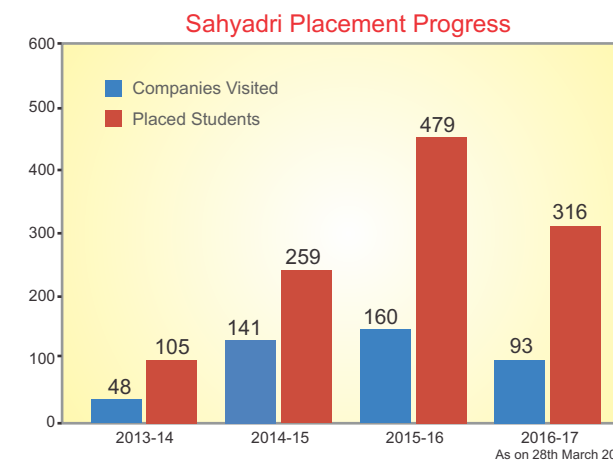
The Department of Placement is entrusted with the responsibility of ensuring that students are well placed professionally thereby bringing to a successful culmination of the students' efforts in the program. The objective of the Placement Department is to train the students as per the requirements of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

The academic year 2015-16 has reaped rich rewards with a sizeable number of students recruited by 160 leading companies and 479 students placed in premier companies in India and Abroad. The department placement ensures the best arrangement and hospitality for the recruiters.

Year	Companies Visited	Students Placed
2013-14	48	105
2014-15	141	259
2015-16	160	479
2016-17	93	316 <small>as on 28th March 2017</small>

Placement Pool

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.



Sahyadri will do more than believe
It will practice...





Members of Sahyadri Athletic team.

Sahyadri team emerge overall champions

MANGALURU, DHNS: The Sahyadri Athletic team has emerged overall champions for the fifth time at VTU inter-collegiate athletic competition held at Dr T Thimmaiah Institute of Technology in Kolar. According to a press release, 127 colleges and 1,520 athletes participated in the competition from different colleges of Karnataka. Sahyadri girls team won the overall championship in girls section with 59 points and the boys team won the overall championship with 32 points. The march past team won second place. Manisha A of first year won Best Athlete award in girls section while Vikyath V S, a third semester MBA student created a new meet record in discus throw at 38.98 metres. He broke his own record which was created in 2015 when his score was 38.32 metre. Girls' relay team created a new meet record with a timing of 54.71 sec. They have broken the record of MSRTI, Bengaluru, which was created in 2013 by clocking 55.9 seconds.



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 ranking in VTU sports and cultural activities among 210 colleges affiliated to VTU - **8th Rank** 2012-13 | **9th Rank** 2013-14 | **9th Rank** 2014-15 | **9th Rank** 2015-16
- We have received cash award of Rs. One lakh from VTU, Belgaum in the year 2011-12 for the Best Performance in Sports and Games.
- We have also received Special cash award of Rs. Fifty thousand from VTU, Belgaum in the year 2012-13 for winning VTU Athletic Championship Consecutively for three years (Hat-trick) .

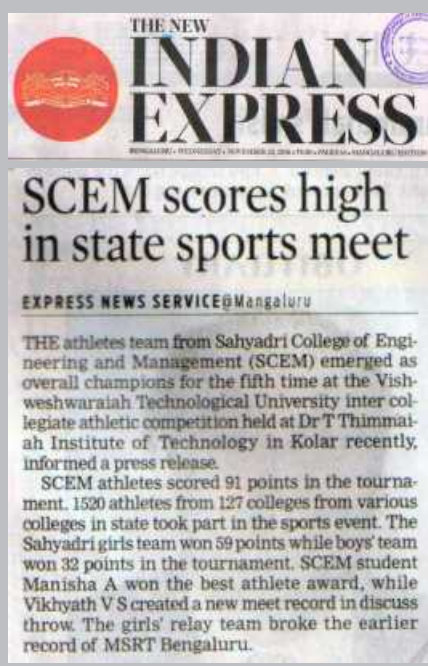
Sahyadri College has won the Overall Championship at VTU Athletic Meet for FIVE times.

2009-10 held at SDMCE Dharwad	2010-11 held at AIT Chikmagalur	2011-12 held at Sir. MVIT Bengaluru	2012-13 held at SIT Tumkur	2013-14 held at JNNCE Shivamoga
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- Athletic Overall Runners in VTU 2014-15, held at VTU, Belgaum.
- Athletic Overall Runners in VTU 2015-16, held at Sir.MVIT, Bengaluru.
- Athletic Overall Champions in VTU 2016-17, held at Dr. TTIT, Kolar.
- Ms. Shruthi Shetty (2010-11&2011-12) & Ms. Manisha (2016-17) has won the Individual Championship at VTU Athletics Meet.
- Six individual records in VTU Athletics, Weight Lifting and Power lifting Competition (Boys & Girls section)



“Guidance blended with efforts is the path to Success”



NAAC awards A grade to Sahyadri College of Engg and Management

TIMES NEWS NETWORK

Mangaluru: The National Assessment and Accreditation Council (NAAC) has accredited Adyar-based Sahyadri College of Engineering and Management with A grade and a CGPA score of 3.08. The NAAC peer team visited the college from February 2-4.

The team comprised of G S N Raju, former VC, Andhra University, Vidhyadhar Reddy Aileni, former dean, department of management, Osmania University and Appasaheb A Keste, principal, MES College of Engineering, Pune.

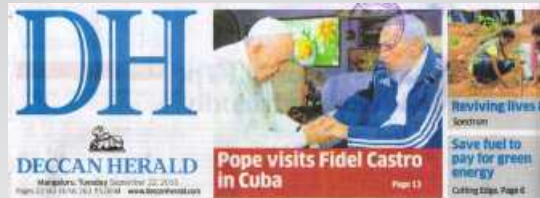
The NAAC peer team assessed the existence of comprehensive processes related to engineering education system. Their focus was student-centric and overall satisfaction of stakeholders. They inspected the entire institute premises minutely including e-Cell, products like SMART helmet, dream kit, EDGE, smart plug, research centre, hands-on-experience lab, aero-club, library and various departments of engineering and business administration, college authorities said.



MAKING THE CUT: S N Raju, chairman, NAAC peer team, that visited Sahyadri College of Engineering and Management, hands over a sealed confidential report about their findings to Umesh M Bhushi, principal during the exit meeting

operations of support services like placement, food court, auditorium, indoor gym, sports arena, hostel, transportation, biogas plant and innovation centre. In addition, they reviewed the administration department which included admissions, finance and examination section. The team, during the exit meeting appreciated the involvement of Manjunath Bhandary, chairman, Bhandary Foundation, who gained inputs for holistic development of the institution.

The team appreciated the composition and credentials of governing body of the college. Good number of faculty enrolled for PhD for their personal, professional as well as the institutional growth impressed the team. The meticulously planned campus, encouragement given towards skill development, hands-on training and also activities beyond curriculum impressed the team, which also appreciated measures taken to ensure mental and physical fitness of students.



M'lore engg students' rover design wins national contest

MANGALORE: The team 'Dreamers', comprising four students from Sahyadri College of Engineering and Management, Mangalore, bagged the first place for their rover design at the 'Trelli-droid' event of the National Students Space Challenge contest (NSSC) held at IIT Kharagpur.

Addressing media persons, College Principal Dr Limesh M Bhanu said that Johnson Tella, Fadil Lougman (Dept of Electronics and Communication Engineering), Gauraham Nayak (Dept of Mechanical Engineering) and Aman Agarwal (Dept of Computer Science Engineering) have developed an innovative design of a rover like vehicle which is termed as an 'all-terrain vehicle for use on the surface of the Moon'.

In the contest, the participants were expected to build a manual bot which would be capable of traversing a difficult terrain, having a drill mechanism attached. The mechanism should be able to drill at specific locations in the arena and also collect samples present underneath. The 'Dreamers' team built a 6.5 kg rover like vehicle with an inbuilt drilling and sucking arrangement. The arrangement of drilling cum sucking was unique as it saves time and cost, as well as help reduce the size of the vehicle," explained Johnson Tella, who was part of the team. The bot was put into test at beach and road. The students took one month to develop the design spending Rs 10,500 with the wholehearted support of Dept of Electronics and Communication Engineering Associate Professor Prof Abdul Kareem, Soma Krishnan, Archana Shetye, Anvar, John Nikhil Prayathi and Ishanth Komary were also part of the team.

'Focus on components' As far as Indian Space research is concerned, it is high time to focus on components, says eminent researcher in the area of astrophysics, Prof B V Sreedhakan. "About 70 to 80 per cent of component industry is not qualified for space industry. Hence, we have to import all these important components," he pointed. He lauded the students for developing an innovative design and topping at the national-level contest.

Sahyadri Educational Institutions Research Dean Dr Timothy G Lenham, Director Dr D L Prabhakara, Administrator M N Nayak also were present. **DH News Service**

Sahyadri Engineering College Students Create Systems To Make Life Easy

Mangalore: To solve the laborious task of cleaning the floor, Nabeel Ahmed, Shashidhara Gowda, Umman A and Sandeep Prabhu of Electronics and Communication Engineering of Sahyadri College of Engineering & Management, have created a low-cost fully autonomous robot that can clean floors effectively reaching every corner of the floor. The robot is fully automatic and is round in shape with less turning radius. It is equipped with a steam generator that generates steam using water from the water chamber. A cotton pad is attached to the steam chamber which



Students with the low-cost arecanut tree climber; Above: Students with the floor cleaning robot in Mangalore

cleans the floor. A team of students from the same department, Ashwin K K, Chirag S P, K Praveesh Prabhu and Prajwal A K designed and developed a vehicular

climber with remote controlled pesticide sprayer and robot cutter. The equipment, which runs using a motor, can spray fungicide and cut nuts. The project was financially supported by VGST, Government of Karnataka and management of Sahyadri College of Engineering & Management and guided by Prof Abdul Kareem, Department of Electronics and Communication Engineering, and Prof B N Karkera, Research Center and Ashwath Rao, Department of Mechanical Engineering, of the college. The process of filing for patent of the product is on.

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Agro Support Equipment Pre-final year Mechanical Engineering students of Sahyadri college of Engineering & Management Ashweesh V Rao, Siddharth S, Shrihari K and Praveen K P Rao have developed a low-cost arecanut tree

THE NEW INDIAN EXPRESS
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EDUCATION EXPRESS • KARNATAKA • MONDAY, JANUARY 23, 2017 • VOL: 7 • NO: 37

PG 6 FLYING MACHINE Their aero dreams are taking flight
These students from Sahyadri college are hosting an aero-modelling contest, despite not having an Aeronautical wing

PG 7 STUDY EASY A study haven for the third gender
A holistic space for transgenders to get the education they need. Vijayarajamallika tells us how her centre is different

Sahyadri, iWave MoU for incubation centre

TIMES NEWS NETWORK

Mangaluru: Sahyadri College of Engineering and Management, Mangaluru, with a vision to achieve excellence in education will sign an MoU with iWave for joint collaborative programme for establishment of incubation centre at Sahyadri for product development in embedded system and advanced ARM based embedded systems lab for benefit of students and faculty.

The MoU will be signed in the presence of Abdulah Khan, president of iWave and Manjunath Bhandary, Chairman of

Sahyadri Educational Institutions at seminar hall, Sahyadri campus, on Monday.

ARM processor based devices are used in many areas like Internet of Things (IoT), embedded systems, mobile, wearables, home, enterprise and education.

Many companies manufacture these products globally using ARM Processors and architecture/technology. One such reputed company in India is iWave Systems Technologies, Bengaluru with their units in Japan and France, Manjunath Bhandary stated.

Sahyadri... carving a success story



Serena beats sister Venus to reach the US Open semis



Former vice chancellor of Defence Institute of Advanced Technology Dr Prabhada Rama Rao speaks after inaugurating Sahyadri Centre for Social Innovation, at Sahyadri College of Engineering and Management in Mangaluru.

Break barriers to innovate, students told

MANGALURU: The Sahyadri Centre for Social Innovation which includes hands-on-experience lab, engineering innovation lab, innovation lab and product design lab was inaugurated by former vice chancellor of Defence Institute of Advanced Technology and former Director of Defence Research and Development Laboratory Dr Prabhada Rama Rao. Speaking at the occasion, he said that students should use the model of learning where teachers do not teach and students learn more. He also emphasized that institutions should provide opportunities for innovation where students learn through hands-on experience, highly networked, ambitious and comfortable in adopting new technologies can make wonders. He illustrated about 'Silicon Valley', where products were being developed by a group of people who researched and developed applications primarily for the sake of radical innovation. The students should realize their potential and break barriers in order to innovate and explore. He spoke about developing countries like Germany, Japan and USA that provided state incentives for innovation. Sharing his memorable moments with former President Dr A V Alokadhara, he said that he was a great assistant who ignited young minds. "Students can be provided as problems through innovative products, services and processes," he added. The Sahyadri College of Engineering and Management Chairman Manjunath Bhandary spoke about the importance of social innovation which would help build a better society. He said that almost 50 per cent of engineers led to use their basic knowledge and added that a good engineer would always be the one who applies his knowledge towards societal problems. Director of Research Prof C Rangarathnam said that engineers should come up with innovations which were technology driven and contributed to the development of the society. **DH News Service**

THE NEW INDIAN EXPRESS
edex
YOUR LIFE COACH
EDUCATION EXPRESS • KARNATAKA • MONDAY, JANUARY 23, 2017 • VOL: 7 • NO: 37

COMING SOON Aerophilia is a national level aero-modelling competition. The two day competition will be held on January 27 and 28 at Mangaluru

FUTURE PROSPECTS Contestants will compete in aeromodelling competitions across the world. The first stop is in Texas in March, then Florida in April and Atlanta in August

66 When we went to the US, we noticed how many opportunities the students had to explore their talent, we wanted to provide a platform for students here as well
Mohammad Anwar



Pic: Rajesh Nayak

WHEN DREAMS GET WINGS TO FLY

Mohammad Anwar talks about Sahyadri college's upcoming aeromodelling competition Aerophilia, to Seema Rajpal

What would the odds of you studying aeronautical engineering abroad if you hailed from a small village in Kasaragod, Kerala? We aren't sure, but Mohammad Anwar battled each and every one of those odds and today, he is not only preparing for the GRE, he is also gearing up to organise the second edition of the national level aeromodelling competition. Furthermore, his team is participating in three international competitions too. When we ask this graduate from Sahyadri College of Engineering, Mangaluru how he manages this juggling act, he humbly says, "It is all part of the journey." The 22-year-old built his first aeromodelling in 2013 for a competition at an IIT, where he ended up among the top ten. He returned to Mangaluru and assembled a team of six to seven equally driven members. These birds of the same feather flocked together and stormed technical competitions at five IITs, three MITs and several other institutions, including the SAE International Aero Design competition in Texas in 2014. From participating in competitions to organising one, Anwar and his expanded 60-member strong team, who call themselves the Challengers, will be organising the national-level aeromodelling competition to spark an interest in anyone who fancies aeronautics. "I always felt that I should have started building aeromodelling much earlier. I don't want anyone else to feel this way," says Mohammed. While the previous edition saw 12 teams, this year, the number has been bumped up to 30, with four members each. "Last year, second place was bagged by a class VII student. Can you imagine that?" he adds. Now we know why age is no bar at the event. Over the two days, teams will build an aircraft according to certain specification and manoeuvre it as instructed by the organisers. "I want the competition to be the turning point in students' lives where they start to gather confidence," says Anwar. Participants from Dubai and the IITs will compete, and the judges will be professionals from the field, including AerotriX, a renowned aeromodelling team from Bengaluru. Anwar, commenting on the dismal state of aeronautics in India, says that more such opportunities need to exist and students from all institutes need to be given equal preference. "While Tejas, the best aircraft India has produced recently, is fourth generation, US's aircraft is on its sixth. That should tell you enough," he says. It indeed does. "So, dream big. No one can stop you from doing anything except yourself," says the small-town boy, who dreamt, worked hard and achieved lots. **Reach Out: aerophilia.com**