S. S. Education Trust's

SG BALEKUNDRI INSTITUTE OF TECHNOLOGY

Shivabasava Nagar, Belagavi-590010, Karnataka, India Approved by AICTE, New Delhi & Affiliated to VTU Belagavi, An ISO 21001:2018 certified Institution

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(III) www.sgbit.edu.in

Department of Mechanical Engineering

Invites you

Department Advisory Board Meeting

On 25th Febuary 2023 at 10:30am

Venue: Mechanical Dept., Seminar Hall.



Dr S A Alur DAB Coordinator Dr Rajendra M Galagali HOD, Mechanical Dept

Dr B R Patagundi Principal SGBIT, Belagavi



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S. S. Education Trust's CET Code: E-175 (UG)/T-942 (PG)

S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY

Shivabasavanagar, Belagavi- 590 010, Karnataka- India

Office: 0831-2407172, 2554559 Fax: 0831-2407152Website: www.sgbit.edu.in

pproved by AICTE New Delhi

Recognised by Govt. of Karnataka

Affiliated to VTU, Belagavi

Email: hod-mech@sgbit.edu.inExtn: 511

Five UG branches (CV, ME, EEE, ECE& CSE) are accredited by NBA, New Delhi

Date: 22.02.2023

Mechanical Engineering Department

RefNo: SGBIT/IQAC/2022-23/DD

Structure of Department Advisory Board (DAB)

SN	Name	Designation	Organization	Contact No.	E-mail	Position	Signature	
1	Dr.B.R.Patagundi	Principal	SGBIT,Belagavi	9731568215	pricipal@sgbit, edu.in	Chairman	y di	2.2
2	Dr.Ashok M Hulagabali	IQAC/Dean Academics	SGBIT,Belagavi	9480563550	academics@sg bit.edu.in	Vice- Chairman	25.	022
3	Dr.Rajendra M Galagali	HOD	SGBIT,Belagavi	8073970107	Hod- mech@sgbit.ed	Convener	Pund	N3
4	Mr.Mahantesh B Mangasuli	General Manager	Big Castings Pvt.LtdHonaga Industrial area ,Honaga, Belagavi	9972937800	Mahantesh.man gasuli@bigcasti ngs.com	Industry C Representat ive/	7/8 125.	pla
5	Mr. Mahesh M.Mishrikoti	Proprietor	MSM Hydropneumatic Engineers & Technologies, Udyam bag,	9844059008	hydromsm@g mail.com	Entreprenu er	Jehr	
6	Dr. S.A.Alur	Professor	SGBIT,Belagavi	9686856029	salur@sgbit.ed u.in	Academicia n	2	47:
7	Mr. Girish Hidaduggi	Business Excellence Manager	It cube solutions & e VSM group	9483460213	Girish.hidadug gi@itcube.net	Alumni Alumni Representat	12 28	lafa
8	Mr.Akhilesh Shetty	Managing Director	Avirays Technology Pvt Ltd	9538678376	akhilesh@avira ys.com	ive	folls	25/2
9	Dr.Somashekharayya S Mathapati	Docter & Suprintendent Manager, Vijaya Hospital	Vijaya Hospital Ayodha Nagar Belagavi – 590 001	9008460117	Somashekhar19 70@gmail.com	Parent Representat	25/2/23	
10	Shri.Vithal Mahadev Patil	Teacher	Govt Marathi Boys School No 33 June Belagaum Belagavi – 590 005	9591017321	vithalmahadevp atil@gmail.co m	ive	(g) -).	
11	Prof. Suprit M Malagi	Department Academic Coordinator	SGBIT,Belagavi	9632550525	Suprit.m@sgbit _edu.in	Faculty	Qal.	
12	Prof. Vishwanath M Kadakhbhavi	Department NBA Coordinator	SGBIT,Belagavi	7892375367	vishwanathk@s gbit.edu.in	Representative	Cearge	
13	Mr.GirishKammar V	Student	SGBIT,Belagavi	8139907527	grshkamr@gma	Student	52/03/5	3
14	Atharv S Siddeshwarmath	Student	SGBIT,Belagavi	9108809588	sushrutsid@gn ail.com	Representa	22.52	

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Dept. of Mechanical Engg. S. G. Balekundri Institute of Technology, Shivabasavanagar, Belagavi-590010.

Department Advisory Board (DAB) Meeting on 25/02/2023

Dr. S. A. Alur <salur@sqbit.edu.in>

Wed 22/02/2023 13:56

To: Mahantesh G M <mahantesh.mangasuli@bigcastings.com>;hydromsm@gmail.com

- <hydromsm@gmail.com>;Girish.hidaduggi@itcube.net
- <Girish.hidaduggi@itcube.net>;akhilesh@avirays.com
- <akhilesh@avirays.com>;Somashekhar1970@gmail.com
- <Somashekhar1970@gmail.com>;vithalmahadevpatil@gmail.com
- <vithalmahadevpatil@gmail.com>;grshkamr@gmail.com <grshkamr@gmail.com>;sushrutsid@gmail.com
- <sushrutsid@gmail.com>;Dr. S. A. Alur <salur@sqbit.edu.in>;Vishwanath K. Khadakbhavi
- <vishwanathk@sgbit.edu.in>;Academics SGBIT <academics@sgbit.edu.in>;Suprit Malagi
- <Suprit.m@sgbit.edu.in>

Cc: Mech HoD <hod-mech@sgbit.edu.in>;Dr. B. R. Patagundi <principal@sgbit.edu.in>

Respected Sirs and dear students.

it's our pleasure to invite you to be a Departmental Advisory Board member and attend a meeting in our department on

25/02/2023 at 10.30 A.M. Your knowledge and experience may help us in developing our curricular, cocurricular and extracurricular

activities of the department to achieve excellence. The agenda of the meeting is enclosed for your kind reference

I hope you will accept our invitation and acknowledge it Thanking you, Yours Sincerely

(Dr. S.A.Alur)

Professor



Attachments

- 1, Agenda of the meeting
- 2.Invitation letters



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Mechanical Engineering Department

Email: hod-mech@sgbit.edu.inExtn: 511

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Date: 13.02.2023

Department Advisory Board

Meeting Agenda

> Welcome

RefNo: SGBIT/IQAC/2022-23/

- > Vision, Mission, PEO and PSO
- > Review of previous meeting
- > Students employability
- > Quality improvement initiatives
- > Industry tie ups
- > Industry sponsored projects
- > Discussion towards improvement
- > Vote of thanks

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S. G. BALEKUNDRI INSTITUTE OF TECHNOLOGY



[Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka]

DEPARTMENT OF MECHANICAL ENGINEERING

Institution Vision

To impart Quality Education with Human values and emerge as one of the Nation's leading Institutions in the field of Technical Education and Research.

Institution Mission

Strive to encourage ideas, talents and value systems.

Guide students to be successful in their Endeavour with moral and ethical values.

Build relation with Industries and National Laboratories to support in the field of Engineering and Technology.

Inculcate a thirst for knowledge in students and help them to achieve Academic Excellence and Placement.

Train and develop the faculty to achieve Professional, Organizational objectives, and excel in Research and Development.

Department Vision

The department of Mechanical Engineering strives to empower students with domain skills, research aptitude and human values for holistic development.

Department Mission

M1: To impart state-of-the-art technical knowledge using latest tools and techniques

M2: To educate, mentor and inspire students to excel as successful professionals ready to take up global challenges in Mechanical Sciences

M3: Inspire to take up research activities to address local industrial and societal needs

M4: To develop Entrepreneurial attitude by inculcating leadership qualities with ethical values.

PROGRAM EDUCATIONAL OBJECTIVES [PEO's]

PEO1: To enable graduates to comprehend, analyze and solve Mechanical Engineering problems by applying principles of mathematics, science and engineering using modern tools, techniques and skills.

PEO2: To empower graduates the technical and professional knowledge to achieve excellence in professional life and to pursue higher education.

PEO3: To make graduates recognize the importance and engage in life long process of learning through self study, continuing education courses and workshops.

PEO4: To train graduates with effective communication and entrepreneurial skills to excel in national, international, multi-cultural and multi-national organizations.

PEO5: To inculcate in graduates the awareness of ethical, societal and environmental issues associated with engineering practices.

PROGRAM SPECIFIC OUTCOMES [PSOs]

PSO1: Prepare students to identify & analyze mechanical engineering problems reaching substantiated conclusions using principles of mathematics and engineering.

PSO2: Enhance an ability to work on projects using multi disciplinary tools professionally.

PSO3: Inculcate an ability among the students to apply the knowledge of mechanical engineering in solving economical, environmental and societal problems.

PROGRAM OUTCOMES [POs]

Engineering Graduates will be able to:

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

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

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

PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

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

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

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

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

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

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

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

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



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Accrediated by NBA

Email: hod-mech@sgbit.edu.in, Dept, Extn.: 513

Date:25.02.2023

Ref No: SGBIT/MECH/2022-23/

Department Advisory Board Feed back

Thank you for sparing your valuable time in attending the Department Advisory

Board meeting . Your suggestions are essential for us to improve the academic
infrastructure and other requirements for the benefit of students . We request you
to give your valuable feedback

Name

Mahantess, B Dlargasulo

Designation

Industry / dopmain name

Big cashras PVI I of

Fronaga, Belagari

Address

Phone/mobile number

9972937800

E Mail

Mahantesh. mangasulo D, big cashrags

Serial	Content	Agree	Neutral	Disagree
Number				
1	The ambience in the department is comfortable			
2	The approach of the department with industries is always friendly			
3	The department seeks the advise/suggestions from industries			
4	Department incorporates/implements the advice/suggestions taken from industry experts	V		
5	The college environment is good for the overall development of students			



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Board meeting. Your suggestions are essential for us to improve the academic
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Name	MAKESH MISHRIKOTI
Designation	
Industry /dopmain name	MIN HYDROPNEUMATEC
	ENGENEERS
Address	PLOTNO-8 UDY AMBAG
	BELGAUM
Phone/mobile number	9844059008.
E Mail	M5M4035 @ grewl. Cory

Serial	Content	Agree	Neutral	Disagree
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e your valuable feedback	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name	Girish Hidaduggi
Designation	Business Execulent
Industry /dopmain name	Consulting.
Address	Mutaga Belagar
Phone/mobile number	8668334045
E Mail	girihidadiggi @gmail.com

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(DV: S. S. Morapeti)



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Name	shed vithal M. Patil
Designation	AM.
Industry /dopmain name	GOVIM. H. RS NO. 33, Junebelga
Address	H.No. 3957 Shri Kunj Kalmeshwaz Hgr. Hindologe
	Belgaum.
Phone/mobile number	9501017321
E Mail	vithalm patil @ganoil . com,

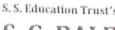
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अगणला कार्याका शुभेन्छ। _

V. H. Padil 25/02/2023





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Name	G.K. Shivayog; math
Designation	Selection Grade Lecturer Anglish
Industry /dopmain name	Maratha Mandal Polyreclore Belagan
	E-
Address	H.NO. 1355, MIGKHB
	Colony, Basavankudachi Beloga
Phone/mobile number	9916333642
E Mail	grenesmath@o@gnail.com
	gunismothto@garail.com.
	Agree Neutral Disagree

Serial	Content	Agree	Neutral	Disagree
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Name	Girish. Kammar. Y
Designation	Student
Industry /dopmain name	SGBIT.
Address	
Phone/mobile number	8139907527
E Mail	grshkamy @gnail.com

Serial	Content	Agree	Neutral	Disagree
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Signature of the stakeholder

Suggestions:

1) Need to improver student skill through industrial

Vist,

2) Need & do give more project from the industrial problem

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your rendered	
Name	Atharv. S siddleshwarmash
Designation	Student
Industry /dopmain name	SG BIT
Address	Housing Colony Sentieghwar
Phone/mobile number	9101909789
E Mail	5-24-043id@gmail-C-7

		Agree	Neutral	Disagree
Serial	Content	0		
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Signature of the stakeholder

Alux.

Suggestionin) Need to visit company weekely once so we can get knowledge and analyze the real time problem.

in the delt. so we can set lenowledge.

Minutes of meeting - Department Advisory Board

Dr. S. A. Alur <salur@sgbit.edu.in>

Thu 02/03/2023 19:25

 $\label{lem:compact} \mbox{To: Mahantesh G M < mahantesh.mangasuli@bigcastings.com>; hydromsm@gmail.com} \\$

- < hydromsm@gmail.com>; Girish.hidaduggi@itcube.net
- < Girish.hidaduggi@itcube.net>;akhilesh@avirays.com
- <akhilesh@avirays.com>;Somashekhar1970@gmail.com
- <Somashekhar1970@gmail.com>;vithalmahadevpatil@gmail.com
- <vithalmahadevpatil@gmail.com>;GIRISH KAMMAR
- <2BU21ME405@sgbit.edu.in>;sushrutsid@gmail.com <sushrutsid@gmail.com>;Academics SGBIT
- <academics@sgbit.edu.in>;Dr. S. A. Alur <salur@sgbit.edu.in>;Suprit Malagi
- <Suprit.m@sgbit.edu.in>;Vishwanath K. Khadakbhavi <vishwanathk@sgbit.edu.in>

Cc: Mech HoD <hod-mech@sgbit.edu.in>;Dr. B. R. Patagundi <principal@sgbit.edu.in>

1 attachments (697 KB) Minutes of meeting DAB-29.pdf;

Respected Sir and dear colleagues,

We thank you for your gracious presence as Department Advisory Board member in the meeting held on 25/02/2023 in the department of Mechanical Engineering, S.G.Balekundri Institute of Technology , Belagavi .Thank you for sparing your valuable time and giving your valuable suggestions and feedback to improve the quality of education in Mechanical Engineering Department. We will implement/incorporate your suggestions for improving the quality of education in our department. We have attached herewith the minutes of the meeting for your kind perusal.

Thanking you once again

Dr.S.A.Alur. Professor in MED



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Department Advisory Board

Minutes of meeting

The department advisory meeting was conducted on 25/02/2023. It was attended by two members as representatives of industry ,alumini , parents , students and dean academics , head of the department along with faculty members of the department . The meeting was started with the presentation on the Mechanical Engg department at 10.45 A.M . Prof. S.C.Zampa welcomed the members with the flowers . Dr. S.A.Alur, Professor , MED gave a presentation on the activities conducted in the Department . Dr. Rajendra Galagali , H.O.D., Mechanical Engineering department briefed the members about the interactions taken with stake holders of the institution and the initiatives taken to upgrade the knowledge of both the faculty and students of the department .

The agenda of the meeting and the minutes of the meeting are as given below

Meeting Agenda

> Welcome

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- > Vision, Mission, PEO and PSO
- > Review of previous meeting
- > Students employability
- Quality improvement initiatives
- Industry tie ups
- > Industry sponsored projects
- > Discussion towards improvement
- > Vote of thanks



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Mechanical Engineering Department Email: hod-mech@sgbit edu.inExtn: 511

Minutes	of meeting		
Serial	Meeting particulars		
Number			
1	Additional courses /courses on advanced topics		
	Mr. Mahesh Mishrikoti told that students should be taught with some		
	additional courses on latest topics . Dr. Rajendra Galagali , H.O.D		
	briefed about the various courses organized under the banner of		
	ARMES, a mechanical Engg. Association .He also briefed about the		
	series of webinars conducted by professionals ,alumini during the Covid		
	19 pandemic.		
2.	Quality of Student Projects		
	Mr. Girish Hidaduggi enquired about the procedure followed for the		
	selection of student projects .Dr. Ashok Hulagabali told that		
	antipligarism software ,Turnit being used will check the novelty of the		
	projects. The selection and evaluation of projects is taken in various		
i i	project phases like 0,1,2 by a project panel consisting of faculty		
1 1	members and a panel head .List of projects selected by KSCST during		
	the previous year presented was highlighted by Dr. Rajendra Galagali.		
	Previous year all of the 27 projects undertaken were published as		
	research papers in UGC approved journals. This has helped the		
	students in improving their article writing skills and motivated students		
	in selecting good quality projects .Dr.Rajendra Galagali Sir told that this		
	year we are expecting at least 04 student projects to be published in		
	Scopus indexed journals . Dr .S.A.Alur , told that Kaushalya , a mini		
	project exhibition conducted for pre final year students will also help the		
	students in the selection of their final year projects.		
3	Core competency, skill development, Kaizan, communication		
3	skills, internships, Enterpreurship attitude		
	Mahantesh Mangasuli Sir told that students should have a vision of		
	what they want to become after the graduation .They should show		
	interest in any of the subdiscipline of Mechanical Engineering, devolp		
	skills in that area and move towards attaining the competency in that		
	area instead of shifting to IT or any other field for lucrative jobs. They		
	should attain competence in the area so as to solve any problem in the		
	area. They will be rewarded with the job satisfaction, monetary benefits		
	and appreciation the way they are able to solve the problems in the		
	area. Also he told that should try to become entrepreneurs and not job		
	seekers.		
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Mahantesh B Mangasuli Sir told that The Institution /department should adopt Kaizan (incremental improvements) as a method of continuous improvement of the department. He told that Japanese believed in Kaizans not on the bigger achivements . He explained how he was able to generate a revenue of Rs 41 lakhs in just one year to his company by introducing Kaizon.

When Mr. Atharv, student representative told that he was not able to communicate properly because of non fluency in english language ,Mangasuli Sir told that practise speaking in english and listen to english news channels in the TV . Dr. Rajendra Galagali Sir told that we aleady have a " English Speaking Club Official" where in students chit chat in english language . They have given some procedures to adopt for the improvement in english speaking and it is working fine .Mangasuli Sir furthur told that students should learn to speak in the border language also with their mother tongue language so as to communicate with the technical supporting staff. He said that a technically skilled worker should be respected and communicated with so as to develop skills in one self.

Dr. S.A.Alur, presented the internship activities conducted . Mangasuli Sir told that students should not take up the internships not merely as an academic requirement to obtain the degree but instead to learn about the working of the industry, work culture etc. They should attend the internship regularly and keep a dairy of what they have learnt on daily basis . They should update the concerned head at the Industry about the learning outcomes achieved on daily and weekly basis

Initiatives taken up for the improvement of the teaching learning 4. at the department

Dr. S.A.Alur presented some of the initiatives taken to boost Industry Institute interaction like (i) A batch of students working under a project Called design and development of radial Piston pump under the guidance of Mr.Rajiv Rao, the proprietor of the MOU signed Industry (ii) Sudharma -The lean lab powered by eVSM, an Industry supported lab was inaugurated by Mr. Anil Rajadhyaksha, Managing Director ITCube Solutions Pvt. Ltd (iii) O6 students were given the oppurtunity to undergo a 45 days intensive internship at Aequs . Members appreciated the initiatives taken.

Placement and industrial exposure

Dr. Somashekhar Mathapati expressed that mock interviews should be conducted regularly by HR managers of various companies. He also told that students should be given regular industry exposure . Mr.Atharv and Mr. Girish, the students present also requested for more industry



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An ISO 21001:2018 cotified Institution	Mechanical Engineering Department Email hood-meth Assent column 511 exposure . Mr. Atharv , student told that they wanted hands on exposure over digs and fixtures . Mangasuli Sir, General Manager , Big
	Castings Pvt. LTD told that he is ready to accomdate sea
6.	Vision, Mission and program educational objectives Dr. S.A.Alur, presented the vision, mission and program educational objectives of the department for open discussion. As the members did not suggest any changes in the vision, mission statement and program educations, the mentioned statements were retained without any modifications

Members who attended the meeting

BRP AMH / RMG / MBM / MBM / SAA

DBA Coordinator

Dr. Rajendra M Galagali

HOD

H.O.D.

Dept. of Mechanical Engg. S. G. Balekundri Institute of Technology, Shivabasavanagar, Belagavi-590010.



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Concluding remarks

The department advisory meeting was successfully conducted in the department by the active participation of all the stakeholders . The department expresses gratitude for all the stakeholders for sparing their valuable time and the suggestions given to improve the quality of education in the department . The members appreciated the initiatives taken to boost Industry Institute interaction like working on projects in industries, setting up of industry supported lab and creating oppurunities for intensive training at some core companies in the area. It was felt that students need regular industrial exposure so as to understand the methods and technologies being used in the industry. They should show interest and develop skills, competency in the sub areas of mechanical Engg. The students should have vision of the field they should pursue as a a part of their professional career. Some additional courses by industrialists should be taught so as to update the students about the industrial practices, latest technologies followed in the industry. The student projects should be aimed to solve real life problems in environmental and societal context. Students face difficulties to communicate in English and students should try to get proficiency in More number of mock interviews can be arranged at the speaking English. departmental level to boost the confidence level of the students while they face the placement interviews. The department should motivate students towards becoming entrepreneurs .

Di.S.A. Alux.

H.O.D. Dept. of Mechanical Engg. S. G. Balekundri Institute of Technology, Shivabasavanagar, Belagavi-590010.

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Glimpses of department Advisory Board









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