



APPLICATION FORM

1. Title of the Project:

2. College:

3. Section (Please write here section code viz. M1, S1):

Name of Applicant(s)			
Sr. No.	Name	Contact No.	Email ID
	Team Leader		

4. Details:

(A) The product/service/idea: (300 words)

(B) Objectives of the Proposal (500 words)

(precise and quantified, use bullet form)

(C) Critical Review of Status Identifying Gaps (300 words)

(include references/research papers/IPR/patent survey/latest work done on proposed project or relevant technologies available in market)

(D) Outline of the Project (with schematics/diagrams/photographs where possible)

(1000 words) (Define the problems and give technical details)(A DVD containing video for problem description may also be submitted if required)

(E) Technology behind the product of the service: (700 words)

(F) Deliverables of the project (brief description) **(500 words)**

(G) Target Beneficiaries (How your product is going to help the society? / mention suitable beneficiaries name/village/community etc **(200 words)**)

(H) Methodology

(Please highlight how success in the project execution will be ensured) **(300 words)**

(I) Work Plan

(Attach bar chart giving project activities and milestones. Highlight Milestones)

(J) Names of Experts/Agencies/ Institutions/companies working in the similar area

(K) Possible innovation at a later stage: (200 words)

(L) Scalability: (100 words)



5. THE TEAM

(A) Brief description of each member of the team stating qualification and other details

(i) Name of team members:

(ii) Details of team members:

Name	
College	
Branch	
Course Pursuing	
Semester	
Participations/Achievements/Awards	
Interest/Skills	

(B) Whether your project is sponsored by industry/institute (if yes provide details):

(C) Whether any of the team members participated in any entrepreneurship related programmes (if yes provide details):

(D) Do your team interests in IPR awareness programmes?

6. THE FINANCIAL BREAKUP

(A) The cost of purchase of raw materials (provide break-up(*) below):

(B) The cost of contingencies:

(Electric charges, data transfer charges, stationary items etc)

(C) Product development cost:

(design and engineering, fabrication, tools etc)

(D) Any other expenditure:

(testing and commissioning of equipments and developed product, transport)

(E) Grand total:



(*) Break-up of budget for raw materials:

(Please provide detailed justification of how you will use such device/ equipment in your project in separate sheet)

Name of Equipment/material With specifications	Estimated Cost	Justification (also to be provided in brief in paragraphs)

(F) Justification in brief How every proposed component in above table will be used in the project. (Be specific and to the point)

Name & Sign of Team Leader

Name & Sign of Guide

Name & Sign of H.O.D.

INNOVISION 2016

Sinhgad Institutes are churning out large number of trained manpower, thus fulfilling the need of the industry, R&D institutions and other sectors of economy. In order to make optimal use of facilities, expertise and know-how available in institutes for the benefit of the society, it is necessary that appropriate links are established between Sinhgad Institutes and the industry. In addition, young technocrats are also looking out for opportunities to exploit their full potential by setting up their own ventures thus becoming “**job generators**” rather than “**job seekers**”. This necessitates systematic interventions and new instruments which could facilitate the development and growth of new ventures by budding technocrats. In this context, Sinhgad College of Engineering is organizing Intercollegiate Project Exhibition cum Competition “**INNOVISION 2016**” for Final year students.

This competition aims at boosting the scientific, technological and management skills in today's youth. It provides them with an opportunity to showcase their fields of expertise.

All the Departments, Institutes under the auspices of STES, Pune are expected to participate in this competition.

It is now felt necessary to consider the competition as a valuable platform for students so that it could meet the challenges posed by the current economic liberalization and globalization era.

***Aims and Objectives:**

- To inculcate research culture among students.
- To encourage original and novel thinking.
- To provide an opportunity for expression of academic talent.
- To promote interaction among academia, R & D Institutes and Industries.

***Rationale:**

Sinhgad Institutes are geared up to encourage self-employment in all spheres for student start-ups. We have started the process of promoting and strengthening entrepreneurship amongst Science and Technology target groups across our resourceful campuses by organizing such events to foster skills development.

INNOVISION 2016 is a prestigious exhibition-cum-competition of projects and working models prepared by engineering students that could be potentially transformed in future for betterment of society.

*General guidelines:

- This competition is open for all Engineering institutes under STES.
- Any Institutes/Department can send entries in all 7 groups including subsections (viz. Section M, E, S, U, C, CH & N). Refer the table given.
- All the Heads of the Departments are requested to do prequalification round at department level to identify best project entries from their respective department and selected entries are encouraged to be forwarded for participation through HODs.
- At departmental level, all the entries will be assessed by judges on the basis of the Project Abstract, Project Synopsis and Project Questionnaire submitted by the students. Entries, selected by the judges, only will be allowed to participate in the exhibition-cum-competition.
- The no. of entries restricted for INNOVISION 2016 per sections could be decided based on the no. of project groups in final year of engineering of the respective department and it could be merely 10%. For example, suppose Mech. Engg. Dept have 30 project groups, so top 3 project entries could be forwarded for the competition.
- Use of readymade PCB's will not be allowed for the models exhibited in Section **S & U**.

*Section Details:

Section	Sub-Sections	Broad Area
M	M 1....	Automobile Engineering, Application based
	M 2....	Production Engineering, Fabrication Techniques, Machine Tools Engineering, Metallurgy & Materials, Application based
	M 3....	Refrigeration, Thermal Engineering, Fluid Power (Pneumatic and Hydraulic Machines), Application based
E	E 1....	Electrical Power and Transmission, Electrical, Application based
S	S 1....	Computer Software, Computer Engineering, Information Technology
U	U 1....	Industrial Electronics, Medical Electronics, Instrumentation, Application based
	U 2....	Telecommunications, Application based
C	C 1....	Civil Engineering, Interior Designing, Transportation, Mining
CH	CH 1....	Chemical Engineering, Plastic Engineering, Petroleum Engineering, Paint Engineering, Textile Engineering, Timber Technology, Pathological Lab Technology
N	N 1....	Non-conventional Energy Sources, Renewable Energy Sources, Recycling Of Waste, Pollution Control Devices, Energy Conservation Devices / Equipments.

Rules:

- All students exhibiting a particular model/project idea should belong to the Sinhgad Institutes.
- Student studying in any discipline can send an entry in any section. The choice of section can be made based on the field/topic/application of the model.
- The choice of section is to be given by the students themselves in the entry form while submitting the form. No change in this choice will be allowed thereafter.
- Projects can be in the form of live demonstration /models /posters and should be based on innovative ideas, in any given categories.
- All contestants are expected to display their posters of 1m X 1m size before a panel of judges appointed for the purpose and have to give oral presentation before Judges.
- Each oral presentation will be given 5 minutes for presentation and 2 minutes for question and answers.
- Selection letter will be sent to the selected entries by March 18, 2016 and only such model can be exhibited in the competition. The participants should bring selection letter along with them.
- Final round of the assessment will be held during the exhibition.
- The judges will have an authority not to examine a model exhibited in an incorrect section and to disqualify the model. Participation certificate will not be awarded for such disqualified model.
- The participants will have to submit one hard copy of the project report, and 5 hard copies of Project Abstract, Project Synopsis and Project Questionnaire for the judges at the time of reporting.
- Entry form must be duly filled. If any space is left vacant, the application can be rejected.
- All participants will have to produce their College IDENTITY CARDS while reporting for the competition.
- No student will be allowed to participate in the competition without a valid identity card.
- All the participants will have to report on April 01, 2016 at 9:30 am in the morning and keep the models ready working before 11:30 am. Participants reporting late may not be allowed to participate in the competition.

- We sincerely request all **Principal/HODs** of colleges to send only selected entries in INNOVISION 2016.

***Fees**

- Entry fee for each project/model will be Rs. 1,000/- (Rs. One Thousands only)
Entry Fee is non-refundable and should be payable in cash only.
- SCOE will not be responsible to provide any other utilities, like air compressors, oscilloscope or computers, stabilizers etc. Projects having computer must bring stabilizer and other required accessories.
- Participants are requested to make their own lodging arrangements if they require.
- Catering services are available in campus.
- Travelling expenses will be borne by the students themselves.
- Entry forms without entry fees will not be accepted.
- Entrepreneurship Cell, S.C.O.E. have reserved all rights and authorities regarding all matters related to INNOVISION 2016.

(Note: Participants are requested to pay the Entry Fee along with print out of duly filled Entry Form at respective Departmental offices of the institutes.)

***Assessment of Project**

- All the projects exhibited in INNOVISION 2016 competition has to go through assessment.
- All the project/models will be assessed on the day of the competition (April 02, 2016). The time slot from 11:30 am to 02:30 pm is reserved for Assessment.
- The models will be assessed section wise by a panel of judges which will include engineering faculty and representatives from industry.
- All the participants should be present with their models at the time of assessment and should answer the questions by the judges.
- The decision given by judges in all the matters will be final.
- Assessment criteria and weightage (in %) is as follows:

*Assessment criteria and weightage (in %)

Sr. No	Criteria	Weightage in %	
		Section M, E, S, U, CH & N (including all subsections)	Section C
1	Appropriateness of the model in the Section	5	5
2	Knowledge of the participants about the theory involved	15	20
3	Innovativeness and Originality	10	10
4	Workmanship and quality of model	15	15
5	Workability	20	10
6	Application/practical utility to industries, Agriculture and society	10	15
7	Commercial Potential	10	10
8	Environmental Care	10	10
9	User Friendliness	5	5
Total		100%	100%

*Rewards:

- One Prize (worth Rs.3,000) will be awarded across each Section of INNOVISION 2016 based on assessment done by panel of judges.
- A special winner prize (Rs.10,000 cash) will be awarded across the sections to the Project that could be potentially transformed into enterprise based on assessment done by panel of judges.
- Best project ideas could be considered for future funding & financial assistance upto Rs. 6,00,000 for research and IPR filing.
- A trophy for General Championship will be awarded to an institution based on its overall performance in the exhibition across each sections.
- All eligible participants will get a participation certificate by SCOE and S & T Park, SPPU.
- Awards will be consisting of prize money and appreciation certificate.

*Prizes:

Rank	Prize money
Winner For each section	Rs. 3,000/- Three Thousands
Best Project Award Across the sections	Rs. 10,000/-Ten Thousands

*Tentative Schedule:

INNOVISION 2016 Schedule	
Exhibition cum Competition Date	April 01, 2016
Venue	Drawing Hall, Sinhgad College of Engineering, Vadgaon Bk., Pune-41
Last date of Entry Form submission	March 13, 2016 upto 05:00 PM
Announcement of Entries selected for INNOVISION 2016	March 18, 2016
Reporting at the venue with project models	April 01, 2016 09:30 AM
Exhibition open for Visitors	April 01, 2016 11:30 AM to 4:00 PM
Keynote Session on Innovation & Ideas	April 02, 2016 10:30 AM to 11:30 AM
Assessment of the Projects	April 02, 2016 11:30 AM to 02:30 PM
Valedictory Function and Prize Distribution	April 02, 2016 03:30 PM
Participating Industries:	Tech Mahindra, TCS, Infosys, Force Motors, Tata Motors, KOEL, Cognizant, WIL, Synerzip, L&T, Bharat Forge, Emerson, Eaton, Nichrome etc.
Research Organizations:	ARAI, ARDE, DRDO, S & T Incubation Park

*Institute Codes

Institute	Institute Code
Sinhgad College of Engineering, Vadgaon	SCOE
Smt. Kashibai Navale College of Engineering, Vadgaon	SKNCOE
NBN Sinhgad School of Engineering, Ambegaon	NBSSOE
RMD Sinhgad School of Engineering, Warje	RMSSOE
Sinhgad Academy of Engineering, Kondhwa	SAE
Sinhgad Institute of Technology & Science, Narhe	SITS
Sinhgad Institute of Technology, Lonavala	SITL
Smt. Kashibai Navale Institute of Technology, Lonavala	SKNSITSL

***HOW TO APPLY?**

Application for best project under INNOVISION 2016 can be submitted in prescribed format. The procedure for submitting application has been given below.

Submission of Application:

1. Download Application form (.doc format) from website **www.sinhgad.edu**
2. Fill the form according to your proposed project with diagrams, sketches or required conceptual proofs.
3. Save as in .pdf format and name the file as SUBSECTION_COLLEGE CODE_TITLE OF PROJECT (e.g. M2_SKNCOE_DESIGN OF COMPRESSOR)
4. Send both .doc and .pdf files of the filled form to **entrepreneurship@sinhgad.edu**
5. While sending email, please mention title of your project as subject of the mail. (Mandatory)
6. Mention your team name, phone number(s) in the email. (Mandatory)
7. Also, fill the form online on the link provided on website. (Mandatory)
8. Print the filled form in two sets (hardcopy spiral bound)
9. Submit your form at Dept. of Mechanical Engg. office, First Floor D-2 Building, Sinhgad College of Engineering, Vadgaon Bk. Pune before March 13, 2016.

(Note: Decision by jury panel for selection of project will be final and no changes will be made after declaration of results. No claim will be entertained regarding judging decisions.)

