

7.2.1_SIT_best practices2_2015-2016

Index

Best practice 2

Title: Industry – Academia interface

Sl no.	List of documents
1	Industry visit details
2	Industry Exhibition

1. **Title of the Practice:** Industry – Academia interface

2. **Objectives of the Practice**

- To reduce the gap between the Institute and Industry and to offer real time exposure on projects and other developments that would benefit both, Institute and Industry.
- To give industrial exposure to Faculty members and students, enabling them to tune their knowledge to cope with the industrial culture
- To facilitate the departments in organizing workshops, conferences and symposia with joint participation of the industries
- Support for Internship
- To get Consultancy projects and Industry sponsored research work
- To Establish MoU with Industries
- To get placement opportunities

3. **The Context**

Symbiosis International University is well known for its multi-national student profiles, impeccable education quality standards and visionary approach to produce responsible leaders of tomorrow. Industry interface is a vital part of this approach. The context behind this is to help students understand prevalent and future industry trends thoroughly. Apart from technical knowhow updates, students should also learn ethical and behavioral aspects through industry connect in an indirect way. They become sensitized towards community, national and environmental challenges by seeing industries' emphasis on addressing these concerns. It is well understood that no amount of lecturing or lab work can substitute for actual work experience in an industry.

4. **The Practice**

- Students and parents interact with industry experts from primary engineering domains on the very day of their admission to SIT! These experts help prospective students and their parents understand the content and future scope of the respective engineering disciplines; so that they may make an informed choice of the branch that suits their future aspirations the best.
- Post admissions, the fresher SITians go through almost a week's induction program that not only includes more industry expert interactions but also visits to specific industry establishments.
- Expert talks and visits to different industries continue vigorously throughout the eight semesters of the engineering curriculum. At least two industry visits are conducted per batch per semester. At least five expert talks are arranged per department per semester.

- The institute has dedicated an entire semester to industry interface. SITians pursue internships at domain specific and interdisciplinary industries for six months and obtain firsthand experience of technology, work ethics, team work, project management, finance and professional communication. For this, every SIT intern is guided by a mentor from industry and a mentor from the institute simultaneously to help him/her have a smooth adjustment to respective company work culture and schedule. Both mentors coordinate to ensure that every SIT intern gets meaningful and feasible projects that help meet company's technical and business goals.
- Institute leadership encourages and arranges faculty training at cutting edge technology enterprises.
- Industry professionals are also encouraged to improve their academic qualifications through graduate and post graduate programs offered at SIT.
- SIT organize national technical events with participation of industry experts.
- Placement drives are organized and it is a year round phenomenon and variegated opportunities are available to students in terms of companies, job profiles, locations, compensation, core and interdisciplinary domains etc.

5. Evidence of Success

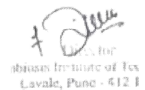
- SIT interns are appreciated by industry mentors across functions and sectors for their technical knowhow, professional behavior and hunger to solve industrial assignments in the stipulated time frames. SITians are now preferred internship candidates at par with their contemporaries from IITs, NITs and BITS.
- After their successful stint in the companies, many students have taken up industry backed projects in their final year to continue this liaison.
- Industries are flocking to sign memorandum of understandings (MoUs) for the invaluable human resource that SIT provides. Numerous such MoUs have been signed between the institute and companies of repute that provide SITians with opportunities beyond expert talks and industry visits. MoUs enable transfer of technology, joint projects, placements, corporate training programs and consultancies.
- SIT faculty also conducts training of corporates in domain knowledge and software. The institute offers the right mix of flexibility and mandatory requirements to enable professionals study while working.
- All these activities lead to spectacular placements for the students of all disciplines. Many placements happens due to the SIT alumni working in the companies. This cycle of

increasing trust and confidence in the capability and employability of SITians leads to a robust placement activity for the institute, beating the prevalent job market downturns.

6. Problems Encountered and Resources Required

It was not easy to connect with industries as there was a big gap between academia and industry. It was a challenge to meet the criteria of industry in the initial years. We had to show our potential in terms of curriculum (suitable to industry), student's strength (skill, competency and positive approach), faculty strength (competency) and infrastructure. Time is one more important factor to build trust. Initially, it started with only guest lecture, and then slowly after building the trust, industry people started coming in big numbers to give guest lecture, companies started offering internships, placements,...However, role of industry – academia interface committee and placement department is very important to connect academics with industries.

7. Notes (Optional)





Sachit Thimmappa <sachit.thimmappa@sitpune.edu.in>

Industrial visit of A, B, C divisions

1 message

Arundhati Warke <headappliedscience@sitpune.edu.in>

Sat, Sep 3, 2016 at 4:11 PM

To: Batch 2016-20 <batch2016@sitpune.edu.in>, Pritam Gole <pritam.gole@sitpune.edu.in>, Amol Ubale <amol.ubale@sitpune.edu.in>, Sachit Thimmappa <sachit.thimmappa@sitpune.edu.in>, sheelprabha takawale <sheelprabha@sitpune.edu.in>, Rahul Dhabale <rahul@sitpune.edu.in>

Cc: Robert Rodrigues <adminofficer@sitpune.edu.in>, Jitendra Konnur <jitendra.konnur@sitpune.edu.in>, Akshay Malhotra <dydirector@sitpune.edu.in>, Tejinder Paul Singh <director@sitpune.edu.in>

Dear Students

The Industrial visit of A, B and C divisions is scheduled as under.

Sr. No.	Date	Day	Division	Faculty coordinator
1	6.09.2016	Tuesday	B	Mr. Priam Gole Mr. Sachit K.
2	8.09.2016	Thursday	C	Mr. Pritam Gole Mr. Amol Ubale
3	9.09.2016	Friday	A	Mr. Amol Ubale Mr. Sachit K.

Venue:

"PIMPRI- CHINCHAWAD SCIENCE PARK"

Aim is to see various mechanical components.

The entry fee for the same is Rs 20 per students and you need top pay the same.

The transport arrangement is made.

Board the bus at 9.00 am from SIT gate.

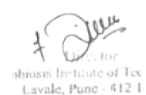
The visit is form 9.am onward.

Overall coordinator: Rahul Dhabale

Take heavy breakfast before you board the bus.

I expect you to take the benefit of the same.

With best wishes.





Sachit Thimmappa <sachit.thimmappa@sitpune.edu.in>

Info: Industrial Exhibition

1 message

Head Mechanical <headmech@sitpune.edu.in>
To: Faculty <faculty@sitpune.edu.in>

Wed, Jan 4, 2017 at 9:30 AM

All

An Industrial Exhibition is arranged by MAHATech in Pune. For the venue, dates and time please refer to:
<http://www.maha-tech.com/>.

FYI Please.

AJK

--

Anand J Kulkarni PhD, MASc, BEng, DME

Head & Associate Professor
Dept of Mechanical Eng
Symbiosis Institute of Technology
Symbiosis International University
Lavale, Pune 412 115, MH, India
Email: anand.kulkarni@sitpune.edu.in
kulk0003@ntu.edu.sg; kulk0003@uwindsor.ca; kulk0003@outlook.com
URL: sites.google.com/site/oatresearch/anand-jayant-kulkarni
Ph: 91 20 39116468

ResearcherID: www.researcherid.com/rid/O-3585-2016
ORCID ID: orcid.org/0000-0001-6242-9492
Google Scholar: scholar.google.ca/citations?user=IAvtDokAAAAJ&hl=en

This email is governed by the Disclaimer Terms of SIU which may be viewed at <http://www.siu.edu.in/downloads/email-disclaimer.php>

