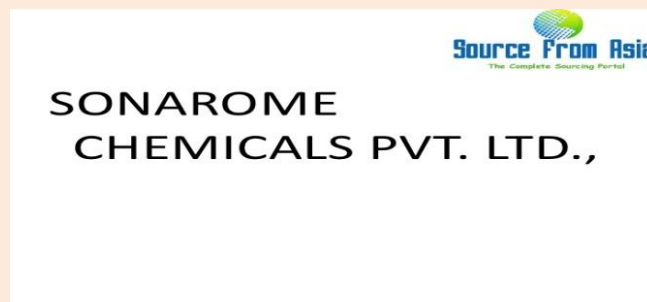**BMS Institute of Technology and Management**
Doddaballapura Main Road, Yelahanka
Bengaluru-64, Karnataka, India

Department of Information Science and Engineering

ISE Dept.
Transform Here

INDUSTRIAL VISIT
to

Source From Asia
The Complete Sourcing Portal

SONAROME
CHEMICALS PVT. LTD.,

" Sonarome Chemicals Ltd.,"

Date: 06th November 2019

Department of Information Science and Engineering

VISION

Emerge as centre of learning in the field of information science & engineering with technical competency to serve the society.

MISSION

To provide excellent learning environment through balanced curriculum, best teaching methods, innovation, mentoring and industry institute interaction.

Contents

Communication

BMSIT&M

Fwd: Reg: Industrial Visit - ISE- BMSIT&M

2 messages

Rajani - Sonarome <rajani.sudheer@sonarome.com>   Mon, Oct 21, 2019 at 4:29 PM
To: "Pushpa S.K" <pushpask@bmsit.in>
Cc: HOD ISE <hod_ise@bmsit.in>, Rakesh - Sonarome <hr.blr@sonarome.com>

boxbe Rajani - Sonarome (rajani.sudheer@sonarome.com) is not on your Guest List | Approve sender | Approve domain

Dear Dr Pushpa,

Nov 5th and 6th is fine with us. Please let us know your plan. Maximum 2 hours a day. No questions to be asked with production department as it interrupts their routine.

Emails questions on a later date will do.

Rajani

From: Pushpa S.K <pushpask@bmsit.in>
Sent: 15 October 2019 09:46
To: hr@sonarome.com
Cc: HOD ISE <hod_ise@bmsit.in>
Subject: Reg: Industrial Visit - BMSITM

Dear Sir,

Greetings from Dept. of ISE- BMSIT&M!

Department of Information Science and Engineering is committed to excellence in technical education programme, NBA Accredited and NAAC with 'A' Grade.

As per the oral discussion over phone with HoD Madam Dr. Usha B A, we would request you to provide an opportunity to visit your esteemed organization by our 3rd semester Information Science and Engineering students. This visit will help our students to understand the chemical industry process and think about how to automate chemical industry.

If applicable 6th to 9th November 2019 could be preferable.

Kindly let us know preferable dates for the industrial visit.

Looking forward for your positive response.

Thank You
Warm Regards

Dr. S. K. PUSHPA, Professor

Department of Information Science and Engineering

BMS Institute of Technology and Management
Yalahanka, BENGALURU-64

Mob: 9449226987

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From: Pushpa S.K <pushpask@bmsit.in>
Sent: 04 November 2019 14:21
To: Rajani - Sonarome <rajani.sudheer@sonarome.com>
Cc: HOD ISE <hod_ise@bmsit.in>
Subject: Reg: Industrial Visit on 6th Nov 2019-BMSIT&M

Dear Rajani

Thank you very much for providing us an opportunity to visit your esteemed organization.

No of students : 49 with one faculty coordinator.

Please let us know the timings that we need to visit on 6th November 2019.

Can we get contact person Mobile Number, so that it will be easy for the smooth coordination.

Please find attachment for list of students.

Thank You
Warm Regards

Dr. S. K. PUSHPA, Professor

Department of Information Science and Engineering

BMS Institute of Technology and Management
Yalahanka, BENGALURU-64

Mob: 9449226987

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BMSIT&M

Pushpa S.K <pushpask@bmsit.in>

RE: Industrial Visit on 6th Nov 2019-BMSIT&M

Rakesh - Sonarome <rakesh.m@sonarome.com>
To: pushpask@bmsit.in
Cc: Rajani - Sonarome <rajani.sudheer@sonarome.com>

Tue, Nov 5, 2019 at 3:04 PM

Dear Madam,

As per discussion over the phone we are confirming that ,your industrial visit has been scheduled on 06.11.2019 @ 09.30am – 11.30 am.

Dress code will be formal.

If you have any query please let me know.

Our Address is as follows:-

Sonarome Private Limited

Plot nos. 34-36, KIADB Industrial Area

Doddaballapur

Bangalore 561 203

Ph : 080 30902200

www.sonarome.com

Location map : https://goo.gl/maps/PHoFqo22aZVHw95f6

Land Mark : Factory circle Entrance of Doddaballapur Industrial Area take left and our company is near Indo US MIM Tech and Jodhani Papers Limited.

Thanks

Rakesh

9035520604

From: Rakesh - Sonarome <rakesh.m@sonarome.com>
Sent: Monday, November 04, 2019 2:45 PM
To: 'pushpask@bmsit.in' <pushpask@bmsit.in>
Cc: 'Rajani - Sonarome' <rajani.sudheer@sonarome.com>
Subject: RE: Industrial Visit on 6th Nov 2019-BMSIT&M

4

From: nisha
Sent: Thursday, September 21, 2017 3:25 PM
To: seetha
Subject: FW: Industrial Visit - ISE- BMSIT&M

Madam,

Pls discuss with GD.

With Regards

Nisha Nair
Manager HRD & RS
ISTRAC Bangalore
Ph: 080-28094148

From: pushpask@bmsit.in [pushpask@bmsit.in]
Sent: Thursday, September 07, 2017 9:08 AM
To: nisha
Cc: tprangan; HOD ISE
Subject: Reg: Industrial Visit - ISE- BMSIT&M

Dear Sir / Madam

Greetings from Dept. of ISE - BMSIT&M!

This is Pushpa S. K. from Dept. of ISE, BMSIT&M, as per the oral discussion over the phone with T P Rangan Sir, we request you to provide an opportunity for our students visit your esteemed organization. The probable dates may be any date between 25th t 27th September, 2017.

Request your kind approval for the same.

A copy of student list along with the faculty coordinators has been attached.

Thank You
Warm Regards

Dr. S. K. PUSHPA
Associate Professor of Computer Science and Engineering
Department of Information Science and Engineering
BMS Institute of Technology and Management
Yalahanka, BENGALURU-64
Mob: 9449226987

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Date: 5/11/2019

From,
The HoD,
Department of ISE
BMSITM

To,
The Principal
BMSIT & M

Respected Sir,

Sub: Request permission to Visit Sonarome, Doddaballapur on 6/11/2019-Reg.

With reference to the above subject, the students of 3rd semester of our department would like to visit "Sonarome" as a part of Industry-Institute Interaction.

Objective of this industrial visit is to provide opportunity for students to gain knowledge on latest technologies, which provides practical exposure beyond academics and automate the industry process. This visit also provides an opportunity to learn work ethics and professionalism.

In this regard, we request your kind permission to visit Sonarome. Visit has been confirmed for Forty Nine students and one faculty coordinator (Prof. S. Mahalakshmi) to visit Sonarome campus on 06-11-2019 at 9.30am. We request you to avail one college bus facility to the address mentioned below. Putforth for your kind needful.

Sonarome
Industrial Estate,
KIADB Industrial Area,
Doddaballapur Rd,
Karnataka 561203

Thanking you

Approved subject to
adherance to AICTE
norms

HoD 5/11/19
Dr. Usha B A
ASSO. PROF.
Department of Information Science & Engg.
B.M.S. Institute of Technology
Avalahalli, Yelahanka, Bangalore - 560 064

Participant List

Sl No.	USN	Name of the Candidate
1	1BY18IS001	Abhinav Sharma
2	1BY18IS002	Abhishek Balaji
3	1BY18IS004	Adarsh Hiremath
4	1BY18IS009	Adya
5	1BY18IS010	Aishwarya S
6	1BY18IS011	Akanksha M S
7	1BY18IS018	Alekhya Allada
8	1BY18IS019	Amandeep Singh
9	1BY18IS021	Amrutha Murali
10	1BY18IS024	Ananth D
11	1BY18IS025	Anisha Diyya G
12	1BY18IS031	Ashwin D R
13	1BY18IS033	Ayanabha Talukdar
14	1BY18IS038	Chaitanya Manoj Turmari
15	1BY18IS039	Chaithra V
16	1BY18IS040	Chandra Prakash Choraria
17	1BY18IS042	Chirasya V
18	1BY18IS043	Disha D Shanbhag
19	1BY18IS044	Divyajeet
20	1BY18IS045	Divyam Jain
21	1BY18IS046	Divyanshu Sachan
22	1BY18IS047	Dona Bhowal
23	1BY18IS048	Faiqa Farooq
24	1BY18IS051	Harshith K S
25	1BY18IS053	Jhanvi.s
26	1BY18IS057	Karan Venkatesh Upamanyu
27	1BY18IS058	Kaustub K
28	1BY18IS060	Kiran S.itagi
29	1BY18IS061	Kopparapu Sudha Vinay
30	1BY18IS063	M R Laya
31	1BY18IS064	Malavika S Anand
32	1BY18IS065	Manoj B
33	1BY18IS069	Muskan Malu
34	1BY18IS072	Nibha Venkappa Rai
35	1BY18IS075	Nirisha B
36	1BY18IS076	Nithin Urala M R
37	1BY18IS082	Poorvi Harish Nayak
38	1BY18IS087	Pranav R Deshkulkarni
39	1BY18IS090	R K Manohar
40	1BY18IS096	Rakshitha.r
41	1BY18IS103	S Reethu Shree
42	1BY18IS107	Saurav Vashistha

43	1BY18IS112	Shohebahmed Najeerahmed Gadawale
44	1BY18IS113	Shreedevi R Mogaveer
45	1BY18IS120	Sumukha S
46	1BY18IS121	Suprit Hanamanth Soraganvi
47	1BY18IS124	Tathagat
48	1BY18IS125	Vinay C
49	1BY18IS126	Yash Gupta

Faculty Details

Sl.no	Name of student	Designation
1	MRS. MAHALAKSHMI S	ASSISTANT PROFESSOR

AGENDA

Time	Event
10.30 AM – 11.00AM	Registration
11.00 PM 1.00PM	Visit to DCX Unit- NBCU client and product discussion
1.00 PM – 2.00 PM	Lunch
2.00 PM - 3.00PM	Visit to another DCX unit - To get the idea of User Interface and User experience for any applications.

GALLERY

Visit to Sonarome, Bengaluru

Visit to Sonarome

Explaining about product

A Report on Industrial Visit to Sonarome

Arranged an Industrial visit to a chemical industry namely, Sonarome for 3rd Semester students on November 6, 2019. A batch of 40 students attended this visit which was accompanied by Prof. S Mahalakshmi. We started off at 9:15am sharp and we reached Sonarome by 9:35am. Sonarome is small scale chemical industries located in the industrial area of Doddaballapur Taluk.

We were welcomed by the officials present there. We learnt that Sonarome is a producer of fragrances and flavors for various companies. First we visited the raw materials section and we learnt about the production process. Before we did this, we were given some masks and other safety equipment to wear. We got the statistics of the quantity of flavours they produce and the amount of raw material required for the cause. Janakiraman, an official, guided us about the flavours and the types of flavours they produce. We got a chance to look into the cold storage where these produces are stored. There the raw material was stored at 10 degrees. Later we went for the fragrances section which was guided by Karthikeyan, an official. We had a nice fragrance of lemon and vanilla there. There we saw huge blenders which are used to blend the chemicals. We learnt that they produce arount 100-120 million tonnes of fragrances per month and their capacity to store is arounf 400 million tonnes. We learnt that Medimix, Park Avenue, Hindustan Uniliver, Nivea and

Himalaya are the top customers of Sanorome. Also few companies from kenya and Nigeria are also the customers of this industry. They sell the fragrances ranging from 1Kg to 130Kgs. They sell small quantities in aluminium cans whereas large quantities are sold in Mild Steel barrels coated with epoxy. Also few galvanized steel barrels were used for the same cause.

Later we went to the sample and food production section. There we saw the production of Sonarist, a nutritious drink. Then we saw some machines such as Homogeniser, mixer and drier used to convert the liquid to powder from. Also we learnt about the emulsion process. Later we went to biscuit flavouring section which was filled with sweet fragrance. Then we tasted few samples of masala which is used in Amul masti, a spicy drink made with buttermilk, then we tasted the masala used for making Pani Puri. Then we went for`Earthline-18, a room where the encapsulated powder was being prepared. Later we ended up in meeting the incharge lady.
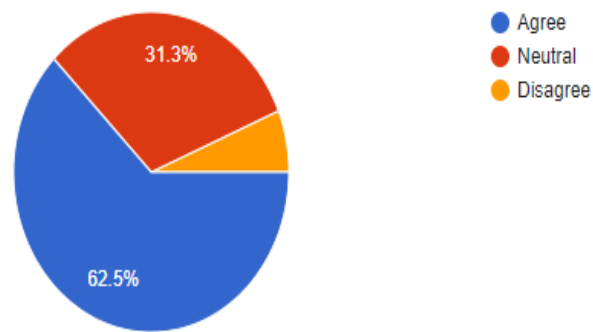
The officials there were extremely friendly and explained everything clearly. They also cleared our doubts with utmost patience. We were also given few refreshments and a complementary T-shirts. Later we had a photo session and left for the college at 12:15pm and reached to college by 12:45pm. It was a resourceful and informative visit.
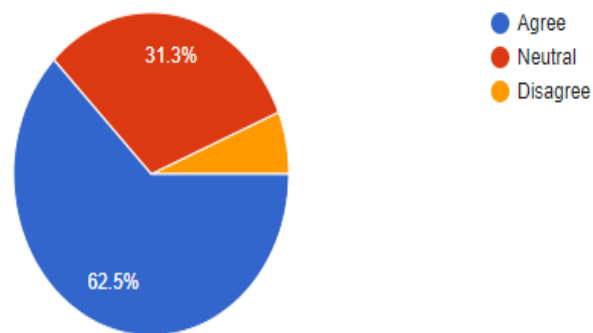
Student Feedback

1. The Sonarome visit was well planed

16 responses

- Agree
- Neutral
- Disagree

12.5%

87.5%
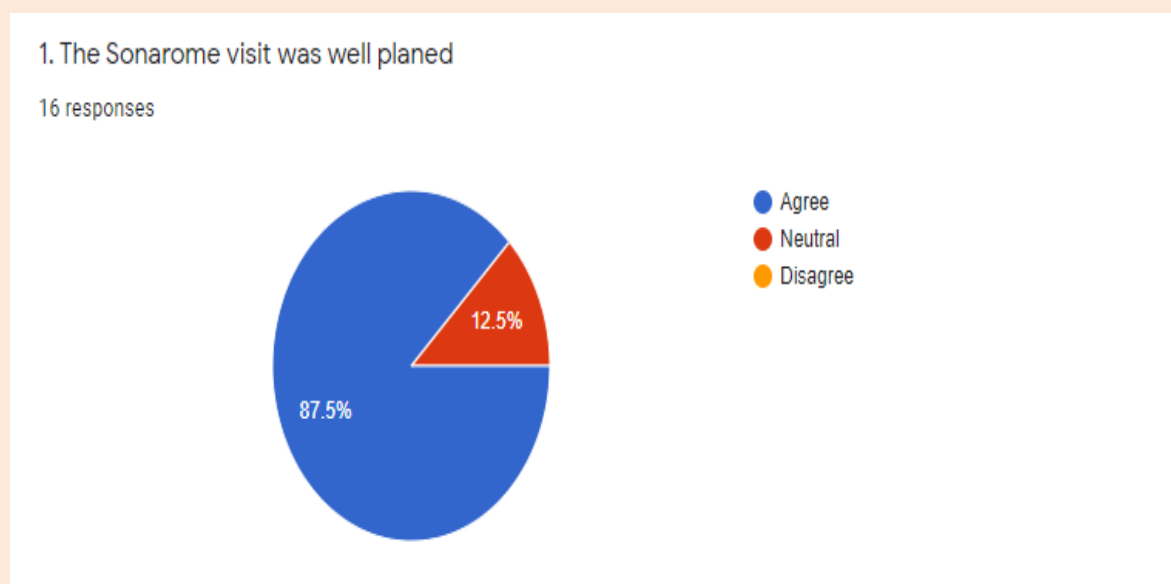
2. The Knowledge acquired from Sonarome visit is adequate to automate industry process.
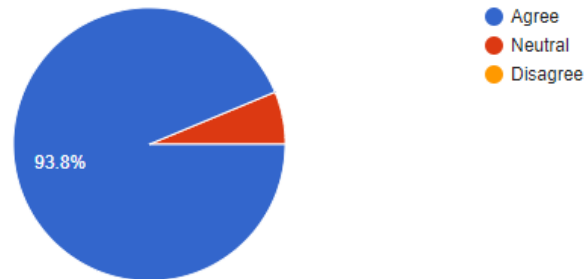
16 responses

- Agree
- Neutral
- Disagree

31.3%

62.5%

4. Have you understood the impact of engineering solution in societal and environmental context (PO7).

16 responses

- Agree
- Neutral
- Disagree

18.8%

81.3%
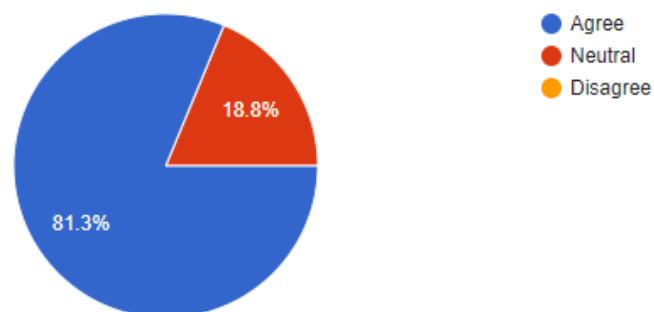
5. Sonarome visit motivated to do Multi-disciplinary projects.

16 responses

- Agree
- Neutral
- Disagree

93.8%

Target:50% of students gave feedback above 80% : Attainment level 3

Target:50% of students gave feedback above 75% : Attainment level 2

Target:50% of students gave feedback above 70% : Attainment level 1

PO Attainment:

PO9:   Average Feedback is 90%   : Attained (level 3)

PO7:   Average Feedback is 80%   : Attained (level 3)

PROGRAMME EDUCATIONAL OBJECTIVES:

PEO-1: Successful professional career in Information Technology Industry.

PEO-2: Pursue higher studies & research for advancement of knowledge in IT industry

PEO-3: Exhibit professionalism and team work with social concern.

PROGRAM SPECIFIC OBJECTIVES

PSO-1: Apply the knowledge of information technology to develop software solutions.

PSO-2: Design and Develop hardware systems, manage and monitor resources in the product life cycle.

PROGRAMME OUTCOMES

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

2. **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.

3. **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.

4. **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.

5. **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.

6. **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.

7. **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.

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

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

10. **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.

11. **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.

12. **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.

THERE ARE NO LIMITS TO
WHAT YOU CAN
ACCOMPLISH, EXCEPT THE
LIMITS YOU PLACE ON
YOUR OWN THINKING.

BRIAN TRACY