

Memorandum of Understanding (MOU)

MEMORANDUM OF UNDERSTANDING

BETWEEN

MECHANICAL ENGINEERING DEPARTMENT, DON BOSCO
INSTITUTE OF TECHNOLOGY MUMBAI, INDIA (FIRST PARTY)

AND

A.S.E ANALYTICS LLP, MUMBAI, INDIA (SECOND PARTY)

FOR

COOPERATION RELATING TO DEFINING ACCEPTABILITY
CRITERIA, STANDARDIZATION, CONFORMITY
ASSESSMENT, LEGAL METROLOGY AND DEVELOPMENT OF
LIQUID SAMPLER

2016

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A.S.E ANALYTICS LLP, MUMBAI, INDIA (SECOND PARTY)

FOR

COOPERATION RELATING TO DEFINING ACCEPTABILITY CRITERIA,
STANDARDIZATION, CONFORMITY ASSESSMENT, LEGAL METROLOGY AND
DEVELOPMENT OF LIQUID SAMPLER

This Memorandum of Understanding made at Mumbai this 26th day of October month, 2016 by
and between, the MECHANICAL ENGINEERING DEPARTMENT, DON BOSCO INSTITUTE
OF TECHNOLOGY MUMBAI, INDIA and A.S.E Analytics LLP, Mumbai India.



1. PREAMBLE

M/S MECHANICAL ENGINEERING DEPARTMENT, DON BOSCO INSTITUTE OF TECHNOLOGY MUMBAI, INDIA (First Party) and M/S A.S.E Analytics LLP, Mumbai, India (Second Party) desired to enter in to MOU for Mutual co-operation and work together in the area of mutual interest to harness the strength of each of the organizations to reach the goals set from time to time. In this regard, both have enunciated their desire in terms of strength and potential areas of activities to be taken up. The following paragraphs detail the profile of each organization and the scope of MOU for joint developmental/promotional activities to reach the set goal.

1.1 MECHANICAL ENGINEERING DEPARTMENT, DON BOSCO INSTITUTE OF TECHNOLOGY (DBIT) MUMBAI, INDIA

DON BOSCO INSTITUTE OF TECHNOLOGY MUMBAI (DBIT), INDIA came into existence in 2001 and presently under the leadership of Fr. Colbert da Silva, sdb (Director) Dr. Prasanna Nambiar (Principal) Dr. S. Krishnamoorthy (Director R & D) Dr. B.S. Bhatt (Adviser) affiliated to University of Mumbai.

In the year 2006, Mechanical Engineering branch was added and presently headed by Prof. R. K. Sarangi.

The Department has Fabrication and Machines shop. A well equipped Central Workshop spread over 2500 square meter containing a variety of general purpose machine tools such as lathes, milling, shaping machines and many more. They are equipped with design software like Ansys, Solid Work and Auto CAD -2006.

1.2 A.S.E Analytics LLP, Mumbai, India

A.S.E Analytics LLP is incorporated, pursuant to section 12(1) of the Limited Liability Partnership Act 2008 on 24th day of May, 2012. LLP Identity Number: AAA- 9366. Address: 11/12, Laxmi Narayan Baug, Bal Govindas Road, Mahim, Mumbai 400016, India. The organization is young and committed to carry out the following activities:

Promote objective evaluation of taste and smell using innovations made in the field for various vital sectors of the industry including pharmaceutical, food, drinking water and pollution control and monitoring organizations.

Setting up and operating sensory laboratories for promotion of objective evaluation of samples in different matrix.

Development of testing methods for evaluation of various types of taste and smell being noticed in manufacture and usage of the products.

Validation of the customized methods by involving the subjective



analysts vis-a-vis objective measurement and facilitate inter laboratory comparison studies for establishing the desired precision and accuracy in the measurement.

Involve in marketing and technical support services in analytical technologies for sensory evaluation.

The organization has blend of team members having both experience and enthusiasm to invite various innovations being made in the relevant field. Two directors Viz; Mr N.G.Joshi and Mrs. L.N.Joshi are basically bankers having a large span of over three decades of experience in general management and financial management. Both have seen the development and growth of Indian industry from development and financial perspectives. Dr.G.S.Nadiger has over 35 years experience in the R&D, Laboratory Testing and Management of the chain of laboratories in India. His area of specialization includes Analytical Chemistry, Textile and polymer Chemistry and Instrumentation. He was responsible to set up a number of laboratories under public sector including analytical testing using GC, GCMS, HPLC, HPTLC, LCMS and mechanical & chemical testing of different products for their product integrity.

Mr. Maltesh Joshi is M.Sc. in Applied Electronics by Education and during his tenure he has developed flair for application methods of various analytical instrumentation methods. Over the last five years, he has worked in the field of objective evaluation of taste and smell. He is certified Java programmer and has the required skills and knowledge of developing and validating of IT based methods in the area. He had an opportunity to work on some of the important commercial models of objective testing of smell and taste. Currently, he is involved in developing customized test methods to leading Pharmaceutical companies. His skills also include servicing these types of instruments.

The catchment area of the organization includes all sectors of the industry and the entire India for coverage.

2. PURPOSE

A.S.E Analytics LLP appreciates and recognizes the efforts of Mechanical Department, DBIT, Mumbai, INDIA in the area of Machine Design, Automation and Fabrication.

A.S.E. Analytics LLP has put efforts in creating a niche market for these taste applications in India and looking forward to reach SAARC zone in the near future.

This memorandum of understanding is an outcome of the desires of both these organizations to enter into collaborative efforts of defining acceptability criteria, standardization, conformity assessment and legal metrology of Liquid Sampler on the basis of equality and mutual benefit.

The aim of this MOU is primarily to establish a written document under which both the organization may enter into written agreement to perform collaborative programs in the areas of mutual interest, promote economic cooperation and support the friendly relationships.



3. AREA OF COLLABORATION

The Parties will support cooperation in the fields of defining acceptability criteria, standardization, conformity assessment and legal metrology of Liquid Sampler on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MOU), the Agreement and the respective laws and regulation of the two countries.

Cooperation may include the following:

- a) Joint or cooperative programs and projects of mutual benefit, including visits and exchange of scientists and other experts or technical personnel;
- b) Mutual cooperation in international and regional organizations relating to defining acceptability criteria, standardization, conformity assessment and legal metrology;

4. AGREEMENT OF COLLABORATIVE PROGRAMMMES

- a) Publication of the joint research carried out will be done jointly by both the organizations incorporating the names of all the contributors.
- b) In case of any patent, this will be shared by the first and second party on the basis of mutual agreement.
- c) Any commercialization of the R&D findings will be decided on the basis of the prevailing IPR provisions to avoid conflict of interest between the organizations.
- d) The Parties should consult with each other before any information derived from cooperation activities under this MOU is disclosed for commercial purposes.
- e) Any issues arising from the interpretation or implementation of this MOU will be settled through consultations between the Parties or such other means as they may mutually decide.
- f) Financial aspects will be dealt case by case mutually based on the strength and merit of each of the party.
- g) First party may involve some students for carrying out the projects and this work may be considered as a part of their mini project and final year BE project. The project report containing this work may be decided by both the parties to avoid the conflict of interest.



5. NODAL AUTHORITY

The Nodal Officer from Mechanical Department, Don Bosco Institute of Technology shall be the Principal of Don Bosco Institute of Technology or his nominee and the Nodal Officer from A.S.E Analytics LLP shall be the Director of A.S.E Analytics LLP or his nominee for all decisions making and concurrence.

6. IMPLEMENTATION AND ACTION PLAN

A.S.E Analytics LLP and Mechanical Department, Don Bosco Institute of Technology shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MOU in the academic year 2016-17

This MOU shall come in to force upon signature by both Parties and remains in force for a period of five (5) years, unless terminated earlier by either Party upon ninety (90) days, written notice to the other Party.

IN WITNESS WHEREOF, the two companies hereto have executed this agreement on the date and the year first herein above Written.

FOR THE
Mechanical Department,
Don Bosco Institute of Technology
Mumbai India

Name *Dr. P. Nambiar*
Title: *Principal*
Sign: *[Signature]*

PRINCIPAL
DON BOSCO INSTITUTE OF TECHNOLOGY
Premier Automobiles Road, Kurla West,
Mumbai-400 070

In Presence of

R. Saran
(R K SARANHI)



FOR THE
A.S.E Analytics LLP, Mumbai,
India

Name: *Maltesh N. Joshi*
Title: *Partner & CEO*
Sign: *[Signature]*

In Presence of

Uday F. Zeh ... *[Signature]*

A.S.E ANALYTICS LLP
11 & 12, Laxmi Narayan Baug,
Bal Govindas Road,
Mahim, Mumbai-400 016.
Tel. (91) 98332 58662
joshi@ase-analytics.com



Date : 16/03/2017

To,
The Principal,
DBIT, Mumbai

Subject: Remuneration to be paid to the concerned faculties for the project carried out for ASE-Analytics

Respected Sir,

Mechanical Engineering Dept. DBIT has signed an MOU with M/s ASE-Analytics Mumbai under which Mechanical Dept. carried out the project for designing and fabricating the product called Liquid Sampler. To that effect, as discussed earlier ASE-Analytics have made the payment of INR 45,000/- through cheque towards the consultancy and product development charge, which is attached to this letter. Following are the details bifurcation of total amount. The faculties involved in this project work along with their remuneration share is mentioned below;

Name of Faculty	Department	Remuneration amount to be paid (Rs)
1.Prof Shreeprasad S. Manohar	Mechanical	8,800/-
2. Prof Yogesh Gholap	EXTC	8,800/-
3. Prof Dilip Manohar	Mechanical	8,800/-
4. Mr Binoj	Mechanical	4100/-
5. Mr Sunil	Mechanical	1000/-
6. DBIT Share (30%)		13,500/-

Kindly do the needful,

Yours Sincerely,

R. K. Sarangi
16/03/17
Prof. R. K. Sarangi
H.O.D. Mechanical Engg. Dept
DBIT, Mumbai

Philip
16/3/17

Mr. Philip,
This is a consultancy assignment. The payment may be made accordingly
Regards
[Signature]



देना बैंक
DENA BANK

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45000/-

खा स.
A/c. No.

053317023830



Malkesh N. Joshi

Please sign above

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To,
The Principal,
DBIT, Mumbai

Date: 04/10/2017

Subject: Remuneration to be paid to the concerned faculties for the phase II of the project carried out for ASE-Analytics


Respected Madam,

Mechanical Engineering Dept. DBIT has signed an MOU with M/s ASE-Analytics Mumbai under which Mechanical Dept. Carried out project for Design and Fabrication of Auto Sampler (Phase II). To that effect, as discussed earlier ASE-Analytics have made the payment of INR 30,000/- through cheque (Dena Bank: Cheque No – 014366) towards the consultancy and product development charge, which is attached to this letter. Following are the details bifurcation of the total amount. The faculties involved in this project work along with their remuneration share is mentioned below;

Name of Faculty	Department	Remuneration amount to be paid (INR)
1. Mr. Shreeprasad S. Manohar	Mechanical	8,000/-
2. Mr. Yogesh Gholap	EXTC	8,000/-
3. Mr. Binoj	Mechanical	4,000/-
4. Mr. Francis	Mechanical	1,000/-
5. DBIT Share (30%)		9,000/-


Kindly do the needful,

Yours Sincerely,


Dr. N.M. Rao
H.O.D. Mechanical Engg. Dept.
DBIT, Mumbai

Mr. Philip to
kindly process



Recd chq Rs. 30,000/-

9/10/17



शिवाजी पार्क, मुंबई - 400028
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₹ 30000/-

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A.S.E ANALYTICS LLP / LAXMI N JOSHI, / NARAYAN G JOSHI EX



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