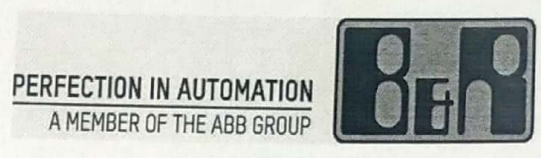
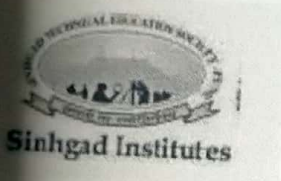


Original Copy



MEMORANDUM OF UNDERSTANDING (MoU)

Between

B&R Industrial Automation Pvt. Ltd.

And

Department of Electronics & Telecommunication Engineering

Department of Mechanical Engineering

Department of Electrical Engineering

STES's

NBN Sinhgad Technical Institutes Campus

NBN Sinhgad School of Engineering

Pune -411041.

INTRODUCTION

This MEMORANDUM OF UNDERSTANDING is entered into on 01-01-2021 between the **B&R Industrial Automation Pvt. Ltd.** herein referred to as **B&R Industrial Automation** and NBN Sinhgad Technical Institutes Campus, NBN Sinhgad School of Engineering, Pune, herein after referred to as NBNSO.

PREAMBLE

B&R Industrial Automation Pvt. Ltd is a world-leading manufacturer of automation equipment. The global Head Quarters of the company is situated in Austria. Indian head office is located in Pune. B&R has a policy to work closely with educational institutions to promote the study of application of automation among students of various disciplines. B&R has several ongoing collaborations with institutes in different countries in promoting the study of automation at academic level and in providing a forum for institution – industry interaction. B&R India proposes such an interaction with, NBN Sinhgad School of Engineering, Pune.

NBN Sinhgad School of Engineering, Pune, on their side, being a progressive institution wishing to provide quality value-addition to their students, are equally keen to enter into such an interaction with B&R.

Objective

The objective of this alliance is to promote interaction between NBN Sinhgad School of Engineering, Pune and B&R, in mutually beneficial areas and to maintain a strategic understanding between the two. The primary aim of this partnership is to aid NBN Sinhgad School of Engineering, Pune in providing quality education to their students specifically in the field of automation.

- ✓ NBNSO will have an opportunity to utilize and work on the state-of-the-art technology developed by B&R.
- ✓ Opportunity to be recognized by academic committees as one of the preferred locations for acquiring training and skills development in latest technology.

- ✓ This alliance will definitely help faculty of NBNSOIE to be technically sound and establish Centre of Excellence in the field of Mechatronics and Automation.
- ✓ B&R can deliver guest lectures to students at NBNSOIE, bringing real life experiences.
- ✓ Opportunity for the faculty to attend conferences and seminars conducted by B&R.

Mutual benefits

- Availability of skilled students having automation knowledge.
- B&R Education Network would like to understand the academic approach of NBNSOIE to upgrade its working style.
- As the demand for trainings from industries is increasing, the trainings can be held at NBNSOIE, Pune as per the guidelines laid down by STES.

Roles and responsibilities

B&R:

- Provide equipment to NBNSOIE to setup and maintain lab-kits.
- Identify, support projects and research work, which can be taken up by students and faculty of NBNSOIE.
- Provide students the required resources and data for their research and project work.

NBNSOIE:

- Encourage skilled students to participate in recruitment drive offered by B&R.
- Follow B&R guidelines that guarantee protection and confidentiality of data.
- Active participation of students in using B&R Automation software and hardware. Faculty to incorporate examples/case study provided by B&R in the teaching methodology.

Official announcements

- Before placing the B&R logo at NBNSOIE website, a document of consent needs to be signed mutually.
- Home page of NBNSOIE to provide links to B&R.
- B&R logo prominent on the Web site of NBNSOIE.

- ✓ This alliance will definitely help faculty of NBNSO to be technically sound and establish Centre of Excellence in the field of Mechatronics and Automation.
- ✓ B&R can deliver guest lectures to students at NBNSO, bringing real life experiences.
- ✓ Opportunity for the faculty to attend conferences and seminars conducted by B&R.

Mutual benefits

- Availability of skilled students having automation knowledge.
- B&R Education Network would like to understand the academic approach of NBNSO to upgrade its working style.
- As the demand for trainings from industries is increasing, the trainings can be held at NBNSO, Pune as per the guidelines laid down by STES.

Roles and responsibilities

B&R:

- Provide equipment to NBNSO to setup and maintain lab-kits.
- Identify, support projects and research work, which can be taken up by students and faculty of NBNSO.
- Provide students the required resources and data for their research and project work.

NBNSO:

- Encourage skilled students to participate in recruitment drive offered by B&R.
- Follow B&R guidelines that guarantee protection and confidentiality of data.
- Active participation of students in using B&R Automation software and hardware. Faculty to incorporate examples/case study provided by B&R in the teaching methodology.

Official announcements

- Before placing the B&R logo at NBNSO website, a document of consent needs to be signed mutually.
- Home page of NBNSO to provide links to B&R.
- B&R logo prominent on the Web site of NBNSO.

Steps

- a) Upgradation and maintenance of the existing laboratory setup. The hardware will be made available by B&R in compliance with B&R's policy for Institutions.
- b) B&R offers faculty training at B&R office as per regular schedule.
- c) Short-term workshops and seminars on innovative technologies can be conducted by B&R experts on invitation from NBSSOE to motivate the students in various fields of automation.
- d) Designated personnel of NBSSOE who is responsible for maintenance of lab-kits will be trained by B&R.

Action Points

1. B&R will plan a training for NBSSOE.
2. NBSSOE will start the process for acquiring software license. Further, hardware kits will be provided on lease basis (free of cost) to explore the activities under the umbrella of Centre of Excellence.
3. A proposal for the up gradation of (hardware / software) as per the curriculum requirement to be initiated by NBSSOE, Pune.
4. Three to four faculties will participate in the trainers training prior to commissioning.
5. Head of the Department of E&Tc and Mechanical will be put on the mailing list for receiving B&R publications. Others can be added, on receiving a list from NBSSOE. NBSSOE shall take responsibility for upgrading and maintaining the list.
6. Three persons will be responsible from NBSSOE, Dr. Makarand Jadhav HOD(E&Tc), Prof. Dinesh Burande HOD (Mech) and Prof. Sharad Patil (Electrical). From B&R side, Mr. Tanmay Sharma will be responsible.

This MoU is prepared in two identical copies. Each organization holds one original copy duly signed by the competent authority.

Signed
Date - 16-02-2021

For and on behalf of:

B&R Industrial Automation Pvt.
Ltd

NBN Sinhgad School of Engineering, Pune



Tanay Kumar Sil

Mr. Tanay Sil,
Head - Education Network and
Business Development - Industry

1. Dr. Makarand Jadhav,
Head- E&Tc Deptt.
2. Prof. Dinesh H. Burande,
Head- Mechanical Deptt.
3. Prof. Sharad S. Patil,
HOD-Electrical Deptt.

Makarand Jadhav

Dinesh H. Burande

Sharad S. Patil

1. Duration / Term of the MoU:


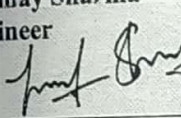
This MoU shall be valid for three (3) year from the date of its entering into and it may be mutually extended from time to time in writing by both institutes.

2. Changes / Amendment:

No change can be made to this MoU without written consent and duly signed by both Institutes. Additions, deletions and/or alterations to this MoU may be done with the written agreement of both institutes to this MoU concerning the changes.

CONTACT PERSONS

B&R Industrial Automation Pvt. Ltd
Tanmay Sharma
Engineer



B&R India Headquarters: Pune
8 Tara Heights
Mumbai - Pune Road
Wakdevadi, Pune-411003.
India

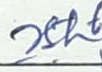
Tel.: +91 20 4147 8999

Mob: +91 86696 20181

Email:

tanmay.sharma@br-automation.com

NBN Sinhgad School of Engineering
Dr. Shivprasad P. Patil
Principal, NBNSOE



12-02-21

NBN Sinhgad School of Engineering,
10/1 Ambegaon (BK),
Pune – 411041.
India

Tel.: + 020-24100000 (879)

Mob:+91 98906 44649

Email:

nbnssoc@sinhgad.edu



Witness:

Mr. Tanmay Sharma

Engineer

Business Development – Education Network

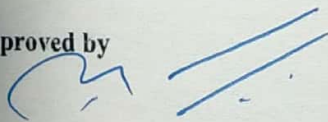
Witness:

1. Dr. Makarand Jadhav, Head- E&TC

2. Prof. Dinesh H. Burande, Head-Mech.

3. Prof. Sharad S. Patil, Head-Electrical

Approved by



President/ Vice- President,
Sinhgad Institutes

Action Points for future

1. MOU will be signed between B&R and NBSSSOE.
2. Center of excellence will be inaugurated at NBSSSOE. It will be one of its kind CoE between Sinhgad Groups of Institutes and B&R.
3. 5 Faculties and 5 students will be trained by B&R in a 2-week HOTA (Hands-on Training for Automation) to make them comfortable with the technology.
4. Certificate of the training will be provided by B&R.
5. B&R will conduct one workshop and seminar for students and faculties. Also, revision training will be conducted for faculties on demand from NBSSSOE.
6. Training material will be provided by B&R to enhance the knowledge further.
7. 2 Login ID for B&R's website will be provided to faculties so as to access the online tutorials available on website.
8. NBSSSOE will purchase Automation studio license in FY'21. License need to be renewed every year.
9. NBSSSOE will be given a Training Kit on lease basis after purchasing AS License.
10. B&R will extend full support for student's projects.
11. B&R will also try to arrange for Industrial visits for students.
12. NBSSSOE students will be promoted for placement at B&R and its own customer spread across India.

List of Institutes where BRIN has Tie-up

Sr. No.	College Names	Location	Co-operation since	How co-operation started
1	Pimpri Chinchwad College of Engineering	Pune	11 th April, 2008	B&R direct - Training Department
2	SVPM's College of Engineering, Malegaon (bk)	Pune	8 th August, 2008	B&R direct - Training Department
3	College of Engineering	Pune	11 th April, 2008	B&R direct - Training Department
4	Indira College of Engineering	Pune	26 th Jul, 2010	B&R direct - Training Department
5	Karpagam College of Engineering	Coimbatore	17 th August, 2010	B&R direct - Training Department
6	Marathwada Mitra Mandal's College of Engineering, Pune	Pune	8 th August, 2008	B&R direct - Training Department
7	Sinhgad Institute of Technology	Lonavala	13 th August, 2010	B&R direct - Training Department
8	VEL TECH Dr. RR & Dr. SR Technical University	Chennai	13 th April 2010	B&R direct - Training Department
9	D.Y Patil College of Engineering, Pimpri	Pune	3 rd Oct 2006	B&R direct - Training Department
10	G.H.Patel College of Engineering & Technology	Anand	23 rd August, 2007	B&R direct - Training Department
11	Government Polytechnic	Pune	2010	B&R direct - Training Department
12	Sukhakarta General Engineering Cluster Pvt. Ltd.	Pune	31 st March 2016	B&R direct - Training Department
13	IITM, Chennai	Chennai	2012	Via AIA
14	Apollo Training Institute, Baroda	Baroda	2012	Via AIA
15	AKGEC, Ghaziabad	Delhi	2016	Via AIA
16	IIT, Delhi	Delhi	2015	Via AIA
17	Vivekanand Institute of Engineering, Mumbai	Mumbai	2015	Via AIA
18	Terna Engineering College	Mumbai	2018	B&R direct - Education Network



DECLARATION OF CONSENT

The undersigned consent to their company name, logo and any supplied images, videos or text being used for B&R marketing purposes worldwide. This includes:

- Publications such as brochures, B&R customer magazines as well as external trade magazines
- Fairs, symposia and conventions
- Online media
- Presentations
- Videos

The following companies may use these materials until this declaration of consent is revoked:

- B&R Industrial Automation GmbH
- B&R subsidiaries and regional representatives
- POWERLINK and openSAFETY user associations

Texts may be translated and images and videos may be edited without any further authorization, provided the original message is not distorted.

Company (stamp)



Location, date

Signature

A handwritten signature in blue ink, appearing to be 'RSC'.

13.02.21