



Sinhgad Institutes

A REPORT

ON

MEMORANDA OF UNDERSTANDING

**SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ENGINEERING
PUNE**

Memoranda of Understanding

PREAMBLE

The strength of any Technical Institute lies in its strong Industry Institute interaction. The mission of the Institute is to enhance the core competency of the faculty and students, to inculcate a research culture and to bridge the gap between academia and Industry. This is achieved through signing of Memoranda of Understanding with various Industries and Research Institutions and carrying out collaborative projects and training programs for students and faculty for a hands-on experience, conducting industrial visits and invited talks.

The Institute has signed MOU with prominent Industries/Institutions. The details of the MOU are listed below.

SUMMARY OF MOU

| S.No. | Institute/Department Signing MOU | Total Number of MOU |
|-------|---|---------------------|
| 1. | Sinhgad College of Engineering | 19 |
| 2. | Department of Electronics and Telecommunication | 17 |
| 3. | Department of Mechanical Engineering | 05 |
| 4. | Department of Biotechnology | 05 |
| 5. | Department of Civil Engineering | 03 |
| 6. | Department of Chemical Engineering | 03 |
| 7. | Department of Information Technology | 05 |
| 8. | Department of Computer Engineering | 03 |
| 9. | Department of Production Engineering | 01 |
| 10. | Department of Management Studies | 06 |
| | Total | 67 |

INSTITUTE LEVEL MOU

LIST OF MOU

| Sr.No. | Name of the Industry/Institution |
|---------------|---|
| 1. | Center for Communication, Media and Information Technologies (CMI) Aalborg University, Copenhagen, Denmark |
| 2. | Gofigito Educorp LLP, Pune |
| 3. | SkillTree Global Consortium Pvt. Ltd., (Mersion School), |
| 4. | Truecopy Credentials Pvt. Ltd., Pune |
| 5. | UCLA's (University of California Los Angeles) Henry Samueli school of Engineering and Applied Sciences, USA |
| 6. | Harvard Business School Publishing, Massachusetts, USA |
| 7. | deAsra Foundation, Pune (Persistent Systems Ltd.) |
| 8. | Think Quotient Enterprises, Pune |
| 9. | Atlas Copco (India) Ltd., Pune |
| 10. | ATS Infotech Pvt. Ltd., New Delhi |
| 11. | Frugal Labs Tech Solutions Pvt. Ltd., Bengaluru |
| 12. | KSPG Automotive India Pvt. Ltd., Pune |
| 13. | NAIP Education Pvt. Ltd., Navi Mumbai |
| 14. | NASSCOM, New Delhi |
| 15. | ECTA, Rwanda |
| 16. | Universal Construction Machinery and equipment Ltd. , Pune |
| 17. | Brose India Automotive Systems Pvt. Ltd., Pune |
| 18. | Cognizant Technology Solutions India pvt. Ltd., Pune |
| 19. | Synechron Technologies Pvt. Ltd., Pune |

Memoranda of Understanding

DETAILS OF MOU

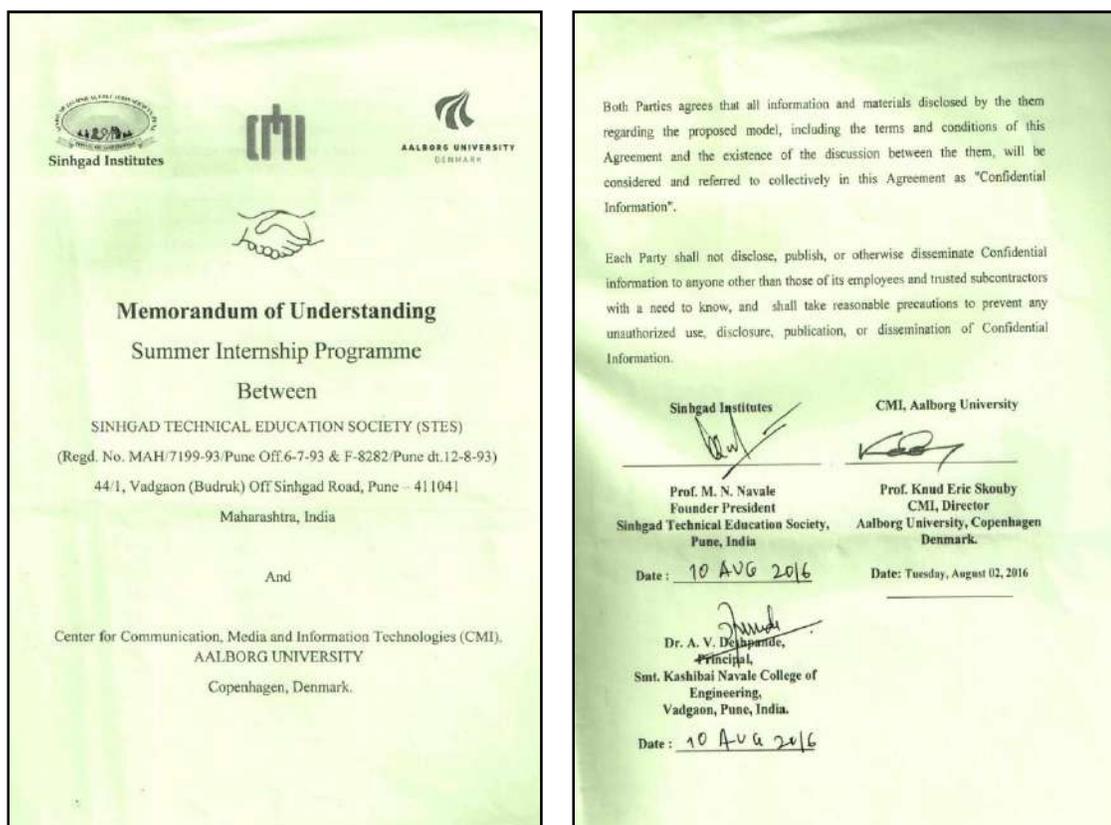
| Sr. No. | Name of the Industry/Institution | Contact Person | Domain of MOU | Date of Signing | Duration |
|---------|--|---|--|-----------------|-----------|
| 1. | Aalborg University, Copenhagen, Denmark | Prof. Knud Eric Skouby, Director | Student & Faculty Exchange Program | 10/08/2016 | 5 Years |
| 2. | Gofigito Educorp LLP, Pune | Mr. Sudarshan Mahajan, Partner | Aptitude Tests, GD, PI Training | 01/08/2016 | 3 years |
| 3. | SkillTree Global Consortium Pvt. Ltd., (Mersion School), | Mr. Shekhar Bhattcharjee, Founder & CEO | Certification Courses | 26/05/2016 | 1 year |
| 4. | Truecopy Credentials Pvt. Ltd., Pune | Ms. Sonia Soman, CEO | Electronic Transcript Support | 05/10/2015 | 3 years |
| 5. | UCLA's Henry Samueli school of Engineering and Applied Sciences, USA | Mr. V.K. Dhir, Dean | Academic collaboration | 04/01/2014 | 3 years |
| 6. | Harvard Business school Publishing, | Ellen Gandt, VP Sales & Marketing | India site License Program | 01/01/2016 | 7 months |
| 7. | deAsra Foundation, Pune (Persistent Systems Ltd.) | Mr. Anand Deshpande, Founder | Entrepreneurship Skill Development | 04/09/2014 | 4 Years |
| 8. | Think Quotient Enterprises, Pune | Mr. Pranav Brahme | eExamportal Software for conducting online exams | 01/06/2015 | Till Date |
| 9. | Atlas Copco (India) Ltd., Pune | Mr. Manikrao Patil, Vice President, Corporate Human Resources | Industrial Training, Industrial Visits, projects, Student Scholarships | 09/01/2014 | 3 Years |
| 10. | ATS Infotech Pvt. Ltd., New Delhi | Sandeep Jethani, Director Operations | License for software | 10/04/2015 | 1 Year |
| 11. | Frugal Labs Tech Solutions Pvt. Ltd., Bengaluru | Mr. Sreowshi Sinha, Director | Building Robotic Devices | 30/12/2013 | 1 Year |
| 12. | KSPG Automotive India Pvt. Ltd., Pune | Mr. Vikram Mhaske, Director, HR | Technical, Managerial and Social Knowledge sharing | 29/01/2014 | 1 Year |
| 13. | NAIP Education Pvt. Ltd., Navi Mumbai | Mr. Nayaz Qazi, Chairman | Certificate Course in Payroll & Compliance | 31/03/2016 | 1 Year |
| 14. | NASSCOM, New Delhi | Ms. Avneet Bajaj, | EPP and FSIPD programs | 14/11/2013 | 3 Years |

Memoranda of Understanding

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|-----|--|--|---|------------|---------|
| 15. | ECTA, Rwanda | Mr. Nzitonda Kiyengo, General Manager | Training of Students and Faculty in Rwanda | 27/03/2012 | 5 Years |
| 16. | Universal Construction Machinery and equipment Ltd. , Pune | Mr. Sunil Kumar, President & CEO | Technical, Managerial and Social Knowledge sharing | 19/12/2014 | 1 Year |
| 17. | Brose India Automotive Systems Pvt. Ltd., Pune | Mr. Mangesh Pandhripande, Sr. Manager HR | Guest Lectures, Job Fair, Projects, Technology Exchange | 22/12/2015 | 3 Years |
| 18. | Cognizant Technology Solutions India pvt. Ltd., Pune | Mr. Debashis Chatterjee, Sr. Vice President – BSF & Head Pune Center | Student workshops, Industry orientation, FDP | 28/09/2007 | 1 Year |
| 19. | Synechron Technologies Pvt. Ltd., Pune | Mr. Amit Chilka, Assistant Manager HR | ICT, research, Training and Placement | 08/08/2012 | 1 Year |

Memoranda of Understanding

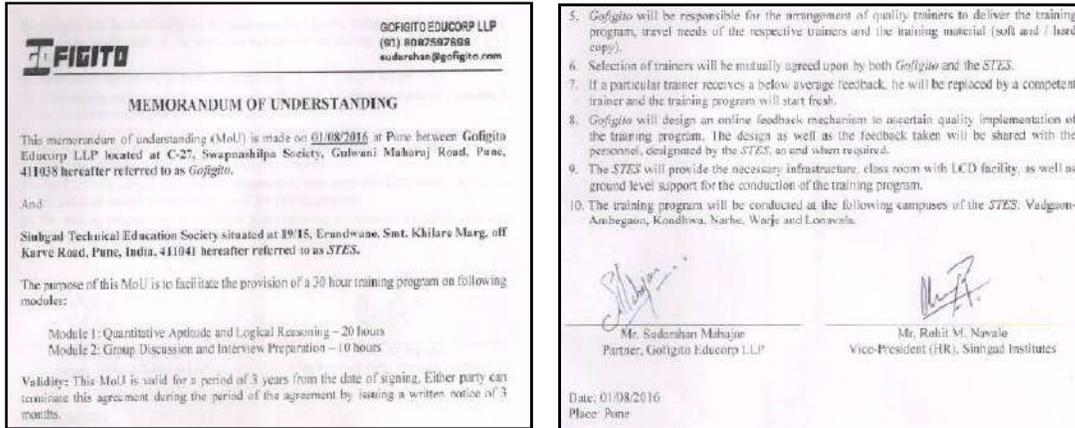
MOU WITH CENTER FOR COMMUNICATION, MEDIA AND INFORMATION TECHNOLOGIES (CMI), ALLBORG UNIVERSITY, COPENHAGEN, DENMARK



Aalborg University in Denmark offers challenging educations, dynamic research and unique possibilities for innovative cooperation. The study method at Aalborg University (AAU) is called problem based project work, or "The Aalborg Model for Problem Based Learning (PBL)", and is highly recognized both nationally and internationally. UNESCO has placed its only Professorial Chair in PBL at AAU.

Objectives of the MOU: Planning and handling of courses to promote cross cultural education; organization of seminars and workshops; to explore possibilities of recent interdisciplinary areas of specialization such as Problem Based Learning, Security, Privacy, Cloud Computing, Internet of Things and Business Models; Student Internship.

MOU WITH GOFIGITO EDUCORP LLP, PUNE



Gofigito Educorp conducts training programs in various companies, colleges and schools:

1. Training Programs for Corporate clients: Sales, Customer Service, Team Building, Presentation Skills, English Communication and Public Speaking
2. Training Programs for Colleges: Pre- Placement (Group Discussion – Personal Interview), English Communication, Public Speaking, Grooming, Aptitude Skills, entrepreneurship Development Program,
3. Training Programs for Schools: Team Building for teachers and staff, Communication Skills and Public Speaking for teachers, Public Speaking and confidence building for students.

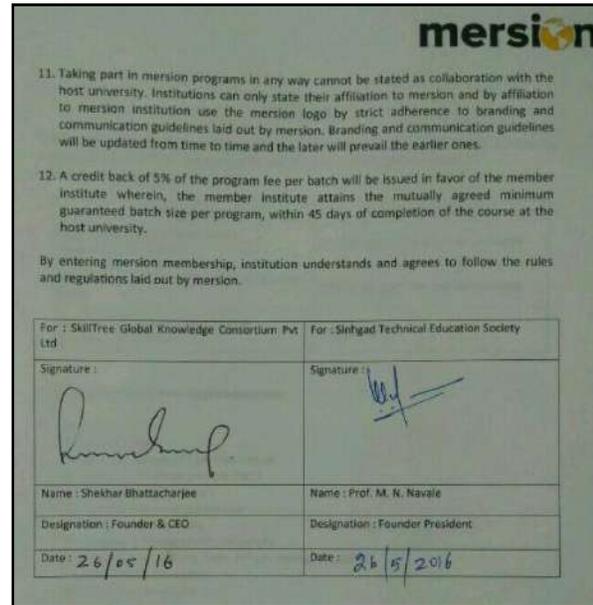
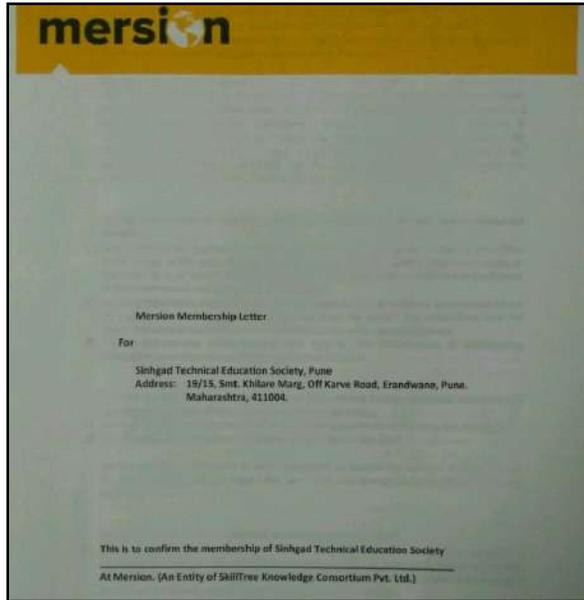
Objectives of the MOU: Gofigito will facilitate the delivery of 20 hours training modules in Quantitative Aptitude and Logical Reasoning and 10 hours training module in Group Discussions and Personal Interviews.

Activities Conducted: Training sessions have been conducted by Gofigito personnel in the Institute and have been very successful in setting a path for the students towards preparations for aptitude tests and GD/PIs during placements.



Memoranda of Understanding

MOU WITH SKILLTREE GLOBAL KNOWLEDGE CONSORTIUM PVT. LTD., (MERSION)



MersionSchool is a global consortium for exchange and experiential education in academics with world's top 1% universities. Mersion runs an in depth and stimulating program/courses that gives students a chance to increase their academic standing. The courses are designed across a range of disciplines including engineering.

Objectives of the MOU: To avail of the unique opportunities which Mersion offers to the stakeholders of the member Institutions and to experience and learn from the world's top universities.

Activities Conducted: Winter School in Artificial Intelligence for students

Memoranda of Understanding

MOU WITH TRUECOPY CREDENTIALS PVT. LTD., PUNE

| MEMORANDUM OF UNDERSTANDING | |
|--|--|
| <p>This memorandum of understanding (MOU) is made on 5th October, 2015 at Pune between Truecopy Credentials Pvt Ltd located at 102, Supreme Icon, Baner Road, Pune, India, 411007 hereafter referred to as Truecopy.</p> <p>And</p> <p>Sinhgad Technical Education Society situated at 19/15, Erandwane, Smt. Khilare Marg, off Karve Road, Pune, India, 411041 hereafter referred to as Institute.</p> <p>Background:</p> <p>Institute issues transcripts to its students who desire to apply to Universities, overseas. Truecopy facilitates sending these transcripts electronically to receiving universities. <i>This ensures speedy delivery, acknowledgement of receipt and also lesser cost, which benefit the student.</i></p> <p>Also, Truecopy provides a cloud-based system for students to record their co-curricular activities that are approved by authorized approvers in the Institute or by verified external approvers. Students can obtain the digitally signed copy of their co-curricular transcript that lists all the approved activities. <i>T360 will be a valuable credential for the student in addition to their academic credentials in their effort towards further education or employment.</i></p> | <p>Terms & Conditions for T360 System</p> <ol style="list-style-type: none">1. Truecopy will provide an online system to enable the students of Institute to record their co-curricular activities and submit them for approval to authorized approvers in the Institute or verified external approvers.2. The system provided by Truecopy will include:<ol style="list-style-type: none">a. T360 application link on Institute websiteb. Online T360 application form to be filled by studentsc. Online Approval of activities by competent authority of the Institute or by verified external approversd. Online payment gateway for students to pay the T360 chargese. Delivery of secure digitally signed co-curricular transcripts via email3. Institute agrees to facilitate the T360 system and Truecopy agrees to provide support to enable this.4. Institute agrees to publicize the Truecopy service to its students who wish to receive their certified co-curricular transcript.5. There are no subscription charges to the Institute.6. Truecopy will charge a fee of INR 1500 directly to the student only when the student chooses to receive the certified co-curricular transcript.7. Truecopy will pay the Institute a sum of INR 300 per student on emailing his/her co-curricular transcript. <p> Sofia Soman CEO, Truecopy Credentials Pvt Ltd</p> <p> Prof. M. N. Navale Founder President, Sinhgad Institutes</p> <p>Date: 5/10/2015 Place: Pune</p>  |

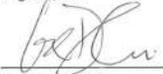
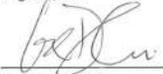
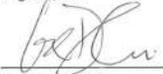
The Institute issues transcripts to its students who desire to apply to Universities overseas. **Truecopy** facilitates sending these transcripts electronically to receiving universities. This ensures speedy delivery, acknowledgement of receipt and also lesser cost, which benefit the students

Objectives of the MOU: To provide electronic transcript support (generation and delivery) and the T360 System co-curricular transcript support to the students of the Institute.

Activities Conducted: Digital Transcripts provided to students.

Memoranda of Understanding

MOU WITH UCLA'S HENRY SAMUELI SCHOOL OF ENGINEERING AND APPLIED SCIENCES, USA

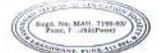
| | | | | | |
|--|--|--|---|--|--|
|  Sinhgad Institutes GENERAL AGREEMENT FOR ACADEMIC COOPERATION Between SINHGAD TECHNICAL EDUCATION SOCIETY Pune, India And UCLA's Henry Samueli School of Engineering and Applied Sciences USA <p>WHEREAS, both parties are higher education institutions with full legal capacity to establish commitments, and whose mission includes providing quality learning opportunities for their students and communities, as well as promoting academic research;</p> <p>WHEREAS, both parties consider the promotion and support of teaching, research and community outreach to be of primary importance in the fulfillment of their mission, goals, and objectives;</p> | <p>By signing this document, the parties acknowledge that they have reviewed and understand the content and extent of each of its clauses, and agree to carry out the actions necessary to implement it.</p> <p>Contents of this MoU are subject to approval of the 'their General Council'.</p> <table><tr><td>Sinhgad Technical Education Society Pune, Maharashtra, India</td><td>University of California, Los Angeles Henry Samueli School of Engineering and Applied Sciences Los Angeles, USA</td></tr><tr><td> (Mr. Rohit M. Navale) Vice President (HR)</td><td> (Dr. V. K. Dhir) Dean</td></tr></table> <p>Date: 04 Jan 2014</p> <p>January 4, 2014 Page 4 of 4</p> | Sinhgad Technical Education Society Pune, Maharashtra, India | University of California, Los Angeles Henry Samueli School of Engineering and Applied Sciences Los Angeles, USA |  (Mr. Rohit M. Navale) Vice President (HR) |  (Dr. V. K. Dhir) Dean |
| Sinhgad Technical Education Society Pune, Maharashtra, India | University of California, Los Angeles Henry Samueli School of Engineering and Applied Sciences Los Angeles, USA | | | | |
|  (Mr. Rohit M. Navale) Vice President (HR) |  (Dr. V. K. Dhir) Dean | | | | |

The **University of California, Los Angeles (UCLA)** is a public research university. It offers many undergraduate and graduate degree programs in a wide range of disciplines. UCLA has been a pioneer, persevering through impossibility, turning the futile into the attainable.

Objectives of the MOU: The objectives of the MOU are towards academic collaboration involving study tours, student exchange, summer school programs, faculty exchange, cooperative research and development activities, cooperative design of courses, conferences, symposia or academic programs, joint research activities, exchange of scientific material and publications of common interest and/or mutually agreed activity that would benefit both parties.

Memoranda of Understanding

MOU WITH HARVARD BUSINESS SCHOOL PUBLISHING

| HARVARD BUSINESS PUBLISHING India Site License Agreement (Usage Based) 2016 | HARVARD BUSINESS PUBLISHING |
|--|--|
| <p>This Agreement establishes the relationship between Sinhgad Technical Education Society (STES) and Harvard Business School Publishing (HBSBP) regarding membership in the India Site License Program and the terms associated with it.</p> <p>Harvard Business School Publishing publishes cases, reports, and book chapters. STES is a qualified institution of higher learning in India that wishes to use HBSBP materials in its management degree, diploma and/or Executive Education programs. Accordingly, HBSBP hereby licenses institution on a non-exclusive basis to use the HBSBP Materials specified according to the terms and conditions of this Agreement.</p> | <p>Agreed to on behalf of:</p> |
| <p>Term and Territory</p> <ol style="list-style-type: none">This Agreement shall be effective from January 1, 2016 until July 31, 2016This Agreement is effective in India only, at the following associate institutions:<ul style="list-style-type: none">Sinhgad Technical Education SocietyShri Yashwantrao Chavan Shikshan Prasarak MandalIt includes programs that the Institution operates at campuses or other locations outside India.Upon the termination of this Agreement, all rights revert to HBSBP and Institution shall immediately thereafter discontinue reproduction and sale of the Materials. Within six months after the termination or expiration of the Agreement, a final accounting shall be made. | |
| <p>Access to Materials</p> <p>Institution will obtain electronic access to master copies of and/or links to HBSBP materials through HBSBP's single click service, and will in turn distribute these copies to its duly enrolled students in print format. Electronic distribution of singleclick links is not permitted, unless provided for under Schedule W. Unlicensed use of the Materials will result in immediate termination of the Agreement. Institution agrees to the following terms and conditions:</p> | <p>STES Prof. M.N. Navale</p> |
| <ol style="list-style-type: none">Institution is responsible for diligently enforcing the terms of this Agreement, and in particular for seeing that only authorized users can access the products, that only genuine HBSBP licensed content is used, and that all information, including the number of actual users, is fully and accurately reported to HBSBP. Failure to adhere to these requirements is grounds for immediate termination of this Agreement.Institution will not share its username identification and password beyond those authorized by HBSBP policies, and shall not disclose the identity or location of the links from which it accesses Materials.Institution may use electronic masters only for production of course materials during the term of this agreement. Whether printed or viewed, the content of the masters remain the property of Harvard Business School Publishing, and are authorized for use only by those staff members of institution needed in course pack production for students. Electronic redistribution of protected or unprotected content files is not permitted. The masters themselves must not be stored, saved, emailed, shared, or posted on any course site. Doing so is in direct violation of the agreement and the school will be held liable for copyright violation.Institution will assign no more than two administrators to be the designated people responsible for downloading master copies and reporting activities. Institution will provide contact information for the administrators to HBSBP by emailing institutions@hbsbpublishing.harvard.edu. Institution will report to HBSBP any violations of those terms, and any unauthorized access to, or unauthorized use of, HBSBP materials, and will assist HBSBP as requested in any subsequent investigation. | <p>Vice President, Sales and Marketing Founder President</p> <p>Signature: <i>[Signature]</i> Date: 23-03-2016</p> |
|  |  |

Harvard Business Publishing was founded in 1994 as a not-for-profit, wholly owned subsidiary of Harvard University, with a focus on improving business management practices. It produces print and digital products including Harvard Business Review, Business Review Press Books, and case briefs, blogs, events and seminars, as well as a variety of online courses such as Harvard Management and Leadership Direct.

Objectives of the MOU: To expose students to the methodology of case study learning. To encourage logical thinking, critical analytical ability and to improve Emotional Intelligence amongst students and faculty members.

Activities conducted: Harvard case studies solving, attempting Harvard quizzes based on articles published in HBR by students.

Memoranda of Understanding

MOU WITH deASRA FOUNDATION (PERSISTENT SYSTEMS LTD.), PUNE



Memorandum of Understanding

The Memorandum of Understanding (MOU) is made on this ___ day of February 2015.

BETWEEN

Sinhgad Technical Education Society having its registered office at Karve Road, (herein after referred to as 'STES' which expression shall, unless it be repugnant to the context or meaning thereof be deemed to mean and include its trustees, successors and permitted assigns) OF THE PARTY.

(Both hereinafter referred to individually as "Party" or together as "Parties")

AND

deAsra Foundation, a not for profit company registered under Section 25 of the Companies Act, 1956, having its registered office at 101, Vanashree Apartment, 94/20 Erandwane, Prabhat Road, Lane No. 11, Pune - 411004 represented by its Founder, Dr. Anand Deshpande, hereinafter referred to as deAsra (which expression shall unless repugnant, include its assigns and authorized representatives). ... Party of the second part

Objectives: In accordance with the mutual desire to promote cooperation between STES and deAsra, parties are entering into a formal agreement in the form of MOU with the objective of promoting entrepreneurship.

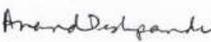
The main objectives of the association are,

1. building entrepreneurial culture
2. promoting entrepreneurship
3. identifying and selecting those who can be developed into entrepreneurs;
4. developing their entrepreneurial capabilities, domain & business skills;
5. ensuring that each potential entrepreneur has a viable project;
6. equipping them with basic managerial understanding; and
7. helping them to secure financial, infrastructural and related assistance to expedite the launch of an industrial venture.

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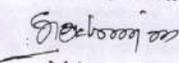
Accepted
For STES, Pune

Prof. M. N. Navale
Founder Secretary

Accepted
For deAsra Foundation, Pune

Dr. Anand Deshpande
Founder

Place : Pune
Date :

Witnesses:

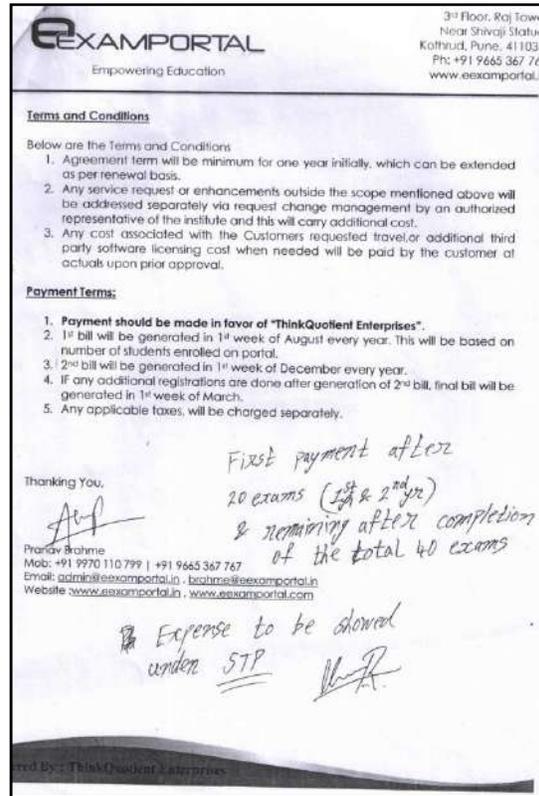
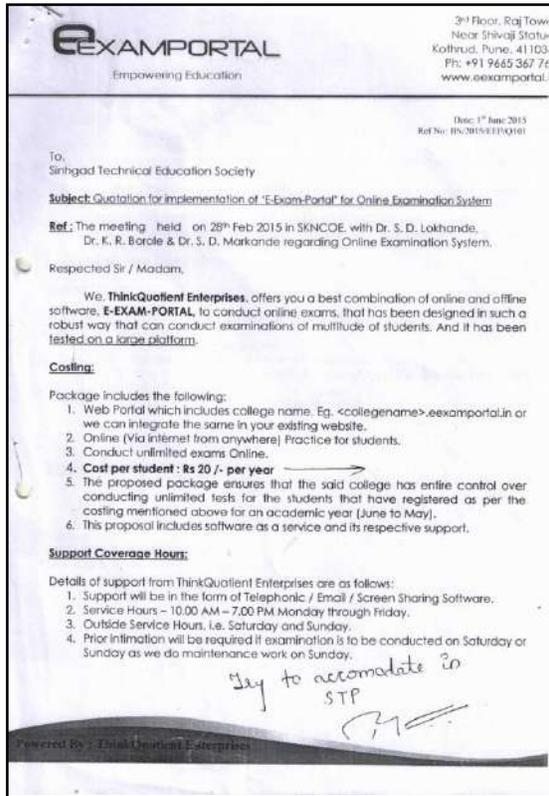
1. Name : Mr. M. B. Khurjekar
2. Address : Sinhgad Management Institutes, 19/15, Erandwane, Khilare Marg, Off Karve Road, Pune 411 004.
Signature 
3. Name : S R JOSHI
Address : PERSISTENT SYSTEMS LTD.
Signature 

deAsra is a non-profit organization established by Persistent Systems Ltd., Pune, which encourages entrepreneurship and supports young professionals for their business aspirations. It provides support right from the inception stage till the establishment of the business. This covers project planning, funding for capital requirement, legal requirement and support for starting as well as running a business. It provides support from established product manufacturers to identify projects and acquire the right technology and it assures business once the project is completed.

Objectives of the MOU: Building entrepreneurial culture, promoting entrepreneurship, identifying and selecting those who can be developed into entrepreneurs, developing their entrepreneurial capabilities, domain and business skills, ensuring that each potential entrepreneur has a viable project, equipping them with basic managerial understanding and helping them to secure financial, infrastructural and related assistance to expedite the launch of an industrial venture.

Memoranda of Understanding

MOU WITH THINK QUOTIENT ENTERPRISES, PUNE



Think Quotient Enterprises, Pune are providers of online and offline software useful for conducting online exams.

Objectives of the MOU: To provide the Institute with the software e-exam-portal for conducting online exams for a multitude of students.

Activities conducted: The Institute has procured the e-exam-portal software and has been conducting online examinations for the first and second year students for the last three years.

Memoranda of Understanding

MOU WITH ATLAS COPCO INDIA LTD., PUNE

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (MOU) is made on 9th January 2014 at Pune between **Atlas Copco (India) Ltd. situated at Sveanagar, Dapodi, Pune-411012, India**
And
Sinhgad Technical Education Society situated at 19/15, Erandwane, Smt. Khilare Marg, Off Karve Road, Pune - 411004, Maharashtra.

1) Term -
This MOU is valid for a term of three years, unless terminated earlier with 60 days notice or extended by mutual agreement of parties at least 90 days prior to expiry.

2) Objectives -

1. This MOU is to establish collaboration between the Atlas Copco (India) Ltd., Pune and Sinhgad Technical Education Society, Pune, Maharashtra (India) with the purpose of Employer Branding of Atlas Copco (India) Ltd. and better preparing the Mechanical Engineering Students from the Sinhgad Technical Education Society, Engineering colleges of Vadgaon Campus in their ability to service international sector clients.
2. The parties agree that Sinhgad Technical Education Society, Smt. Kashibai Navale College of Engineering, Pune will set up a dedicated laboratory which will be named as "Atlas Copco Laboratory" at its premises. Atlas Copco (India) Ltd. agrees to donate their some of the product models to the college.
3. The parties agree that Sinhgad Technical Education Society should organize an "Atlas Copco Day" in the month of January every year in which the toppers of Mechanical Engineering Branch from the Sinhgad Technical Education Society, Engineering colleges of Vadgaon Campus will be provided with the scholarship sponsored by Atlas Copco (India) Ltd., Pune.
4. The Visit to Atlas Copco should be arranged once in every year for Faculty members and the students of Mechanical Engineering from Sinhgad Technical Education Society, Engineering colleges of Vadgaon Campus.
5. Atlas Copco will provide opportunities to final year Mechanical Engineering Students for Project Work and industrial training on need basis of the Company.

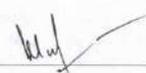
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3) Jurisdiction -
This MOU shall be governed by and interpreted in accordance with the Indian laws and shall be subject to the local jurisdiction. For any dispute or difference arising under this MOU, the parties shall endeavor to resolve the same in good faith through mutual dialogue / discussions / negotiations. In the event of failure of such dialogue / discussions / negotiations, the matter shall be referred to a binding arbitration under the rules of Arbitration and Conciliation Act, 1996. The arbitration shall be in English language and the venue of arbitration shall be at Pune, India. The costs of such arbitration shall be borne on the basis of the award passed by the arbitrators.

4) Publicity -

1. All publications whether through print or any other media connected with the activities pertaining to this MOU will be done after review and express approval of the Sinhgad Technical Education Society, Pune and Atlas Copco (India) Ltd., Pune.
2. Any release and use of the publications referred to above shall be done only upon express written approval of the STES and Atlas Copco (India) Ltd., Pune.

In Witness where of the authorized signatories of Sinhgad Technical Education Society, Pune and Atlas Copco (India) Ltd. have executed this MOU at Pune city on this December 04, 2013.

| | |
|--|---|
| <p>SINHGAD TECHNICAL EDUCATION SOCIETY, PUNE</p> <p>Signature : </p> <p>Prof. M. N. Navale Founder President</p> | <p>Atlas Copco (India) Ltd., Pune</p> <p>Signature : </p> <p>Mr. Manikrao Patil Vice President- Corporate Human Resources</p> <p style="text-align: center;"></p> |
|--|---|

Atlas Copco develops innovative sustainable solutions that create value for their customers in more than 180 countries. Their expertise is in compressors, vacuum solutions and air treatment systems, construction and mining equipment, power tools and assembly systems.

Objectives of the MOU: Employer branding of Atlas Copco India Ltd., Pune and better preparing the Mechanical Engineering students in their ability to service international sector clients. To organize an Atlas Copco Day in the month of January every year in which the toppers of Mechanical Engineering branch of Sinhgad Institutes will be provided with a scholarship sponsored by Atlas Copco India Ltd., Pune. To organize industrial visits for faculty and students and to provide project and internship opportunities.

Memoranda of Understanding

MOU WITH ATS INFOTECH PVT. LTD., NEW DELHI

SINHGAD TECHNICAL EDUCATION SOCIETY
Sinhgad Institutes (Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/8/93)
S. No. 44/1, Vadgaon (Budruk), Off. Sinhgad Road, Pune - 411 041. Tel. / Fax : (020) 2435 4721 Email : stes@sinhgad.edu

PROF. M. N. NAVALE
M.E. (ELECT) M.E., MBA
FOUNDER PRESIDENT

DR. (MRS.) SUNITA M. NAVALE
B.A., M.P.A. Ph.D.
FOUNDER SECRETARY

Memorandum of Understanding

- This MOU is being executed on 10th April, 2015 between M/s **ATS Infotech Pvt. Ltd.**, a Microsoft - AER (Authorized Education Reseller) having its Registered office at L-107 Lajpat Nagar-II, New Delhi-110024 and represented by Mr. Sandeep Jethani here after for purpose of MOU known as "Delivery Partner" (DP) and Sinhgad Technical Education Society, Pune represented by Prof. M. N. Navale (Hon'ble Founder President, STES, Pune) here after for the purpose of MOU known as "Resource Partner."
- As per the agreement (Delivery Partner) shall bundle one year license for MSIT Academy to STES, along with the bundled ILT (Instructor Lead Training) with free certifications to the students.
- STES (Resource Partner) will provide the necessary infrastructure like lab(s) with computer, LCD projector(s), Internet etc. required for the **Microsoft IT Academy** for the purpose of training.
- The bundled **Microsoft IT Academy** will be directly in the name of Resource Partner.
- If the students desire, the slot within the college schedule. STES shall make the provision for the same in the colleges, where training & certifications program would be offered.
- The tenure of the MOU would be for the period of one year from the commencement of 1st training session provided that the commitment made by the Resource Partner/ STES and Delivery Partner (ATS Infotech) is fulfilled.
- As per the MOU Delivery Partner will provide training on various technologies in the STES for a minimum period of one year. Based on the response and mutual understanding it will be renewed further. Yearly renewal of **Microsoft IT Academy** for such period will be the responsibility of Delivery Partner, if mutually agreed.
- The batches would be conducted as per the slots allocated by the college in consultation with Delivery Partner as per the availability of trainer.
- Training Duration:** The period of the training would be for the prescribed number of hrs and there would be min 40-50 students per batch, which are the minimum criteria of the feasibility of the batch. Delivery Partner will have the option to start the batch with less No. of students, if desired.
- The duration of the training, may increase as per the level of participants.

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may take around Minimum 60 days.

- The study material mapped to the ITA- curriculum will be issued to student's minimum within a week's time once the payment installment has been received by the Delivery Partner.
- STES cannot hire any resource of the Delivery Partner either directly or indirectly for any full time or part time assignment without the permission of the Delivery Partner for a minimum period of one year that also after the contract with the college has expired.
- Delivery Partner ATS Infotech is committed and shall be responsible to provide competent, consistent and quality Trainers to conduct the training programs in STES at all times. The trainers provided by ATS would have experience on the said technology along with the necessary teaching experience required for taking the batch also they may be certified in case if any available, from the vendor, who's technology is being taught. The response from students regarding quality of Trainers on various parameters would be obtained, documented and shared with the trainer. It will be joint responsibility of representatives of DP and RP to act open these responses to ensure quality of the trainer is not compromised.

For STES
Resource Partner
Prof.M.N.Navale
(Hon.Founder President)
(STES,Pune)

For ATS InfoTech Pvt Ltd
Delivery Partner
Sandeep Jethani
(Director, Operations)
New Delhi - 110024



A.T.S. Infotech, excels in the field of IT and IT Related Services, like, training, software development, consultancy, placements etc. A comprehensive technology that provides the key people within an enterprise with access to any level of required information within the enterprise. It is an enterprise wide framework that permits the management of all enterprise information. ATS is a Microsoft AEP & AER and Apple Developer Program member, it is also associated with aspect for providing contract staffing and payroll solutions. ATS Learning solutions is part of the ATS Infotech Pvt Ltd group and specializes in skill development, payroll outsourcing Contract staffing and H.R consultancy. It offers vendor specific certification in association with its partners equipping them with a distinct advantage.

Objectives of the MOU: Bundle one year license for MSIT Academy for the Institute along with the bundled ILT (Instructor Lead Training) with free certifications to the students.

Memoranda of Understanding

MOU WITH FRUGAL LABS TECH SOLUTIONS PVT. LTD., PUNE

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (MoU) is made on 30/12/2013 at Pune between:

Frugal Labs Tech Solutions Pvt. Ltd., situated at Uday Nagar, Bangalore, 560016, India, herein after referred to as "Frugal Labs" which expression shall mean and include its heirs, legal representatives, executors, successors-in-interest, administrators and assignees etc of the **One Part.**

And

Sinhgad Technical Education Society situated at 19/15, Erandwane, Smt. Khillare Marg, off Karve Road, Pune - 411004, Maharashtra, herein after referred to as the "STES" which expression shall mean and include its heirs, legal representatives, executors, successors-in-interest, administrators and assignees etc of the **Other Part.**

1) **Duration of MoU**
This MoU is valid for a term of **One Year**, unless terminated earlier with 60 days notice or extended by mutual agreement of parties at least 90 days prior to expiry.

Objectives of MoU

1. This MoU is to establish collaboration between Frugal Labs, Bangalore, and STES, Pune, with the purpose of better preparing the Engineering Students and Faculty from the STES in their ability to build robotic devices for use in variety applications.
2. Frugal Labs will provide robotics related hardware as well as software kit to the students and faculty of the Engineering Institutes under the aegis of STES. The kit will be customized as per the requirement of the Institutes. The purchase of the kit will only be made after the quotation is found to be the "competitive" in comparison to other suppliers AND the "cost" has been mutually agreed upon by both parties.
3. Frugal Labs will provide "free of cost" technical support to the students and the faculty from the Engineering Institutes under the aegis of STES. This support will be provided under following headings: Workshop, Training, participation in National as well as International Competitions in the field of robotics, activities organized by Robotics Club of the Sinhgad Student Council of STES. The technical support will be provided "ONLY" if the kit is purchased from Frugal Labs.
4. Frugal Labs will collaborate, albeit technically, with STES on research and development in the field of Robotics.
5. Frugal Labs will assist STES in tying up with IITs, NITs and International Universities for setting up collaborations in the field of robotics.
6. Frugal Labs will provide opportunities to final year Engineering Students to undertake project work and robotics related training. While the technical support provided by Frugal Labs will be "free of cost", the students will bear the cost for the kit, which would be required for the project and the training. The number of students, to whom such opportunity will be offered, will be mutually decided by STES and Frugal Labs.

Prof. M. N. Navale *Snehashi Sinha*

3) **Jurisdiction of MoU**
This MoU shall be governed by and interpreted in accordance with the Indian laws and shall be subject to the local jurisdiction. For any dispute or difference arising under this MoU, the parties shall endeavor to resolve the same in good faith through mutual dialogue / discussions / negotiations. In the event of failure of such dialogue / discussions / negotiations, the matter shall be referred to a binding arbitration under the rules of Arbitration and Conciliation Act, 1996. The arbitration shall be in English language and the venue of arbitration shall be at Pune, India. The costs of such arbitration shall be borne on the basis of the award passed by the arbitrators.

4) **Publicity -**

1. All publications whether through print or any other media connected with the activities pertaining to this MoU will be done after review and express approval of the STES, Pune, and Frugal Labs, Bangalore.
2. Any release and use of the publications referred to above shall be done only upon express written approval of the STES, Pune, and Frugal Labs, Bangalore.

In Witness where of the authorized signatories of the STES, Pune, and Frugal Labs, Bangalore, have executed this MoU at Pune city on 30/12/2013.

SINHGAD TECHNICAL EDUCATION SOCIETY, PUNE **Frugal Labs Tech Solutions Pvt. Ltd.**

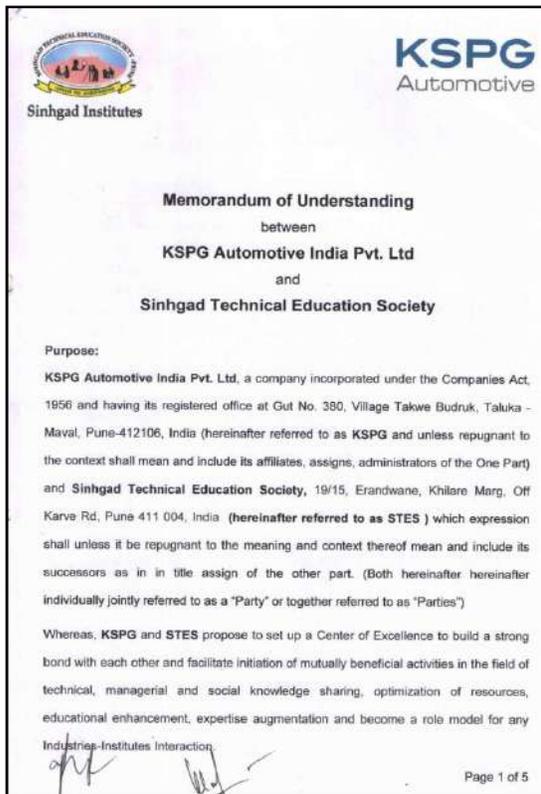
Signature: *Prof. M. N. Navale* Signature: *Snehashi Sinha*
Founder President Ms. Snehashi Sinha
Director

Frugal Labs Private Limited is a leading Electronics and Communication enterprise specialized in educational technical training, skill development and prototyping products, headquartered in Silicon Valley of India, Bangalore, Karnataka. It offers "hands-on Training Workshops" to educational institutions and enthusiasts, to promote knowledge & skill development in the emerging technologies with emphasis on applications and use cases. Its workshops are tailor-designed to facilitate students to not only grasp the fundamentals of specific topics but also to understand the various applications by offering uniquely designed "kits" for a "hands on" experimenting experience of the course content. It conducts training on emerging technologies like Robotics and embedded systems, Internet of things, Cloud, Networking, Wireless Tech etc.

Objectives of the MOU: To better prepare the Engineering Students and Faculty in their ability to build robotic devices for use in a variety of applications by providing robotics related hardware as well as software kits to the students and faculty. To provide free technical support under the following headings: Workshops, Training, participation in national as well as international competitions and research and development in the field of robotics. To help tie up with IIT's NIT's and International Universities for collaboration in this field. To provide opportunities for final year engineering students to undertake project work.

Memoranda of Understanding

MOU WITH KSPG AUTOMOTIVE INDIA PVT. LTD., PUNE



KSPG Automotive India Private Limited manufactures auto components, which includes exhaust gas recirculating valves and vacuum pumps. Its clientele includes BMW, General Motors, Volkswagen, Renault, and Mahindra. The company was formerly known as Pierburg India Private Limited and changed its name to KSPG Automotive India Private Limited in April 2011. The company was incorporated in 2006 and is based in Pune, India. KSPG Automotive India Private Limited operates as a subsidiary of Pierburg GmbH.

Objectives of the MOU: To build a strong bond with the institute and to facilitate initiation of mutually beneficial activities in the field of technical, managerial and social knowledge sharing, optimization of resources, educational enhancement, expertise augmentation and to become a role model for any Industries-Institute Interaction.

Memoranda of Understanding

MOU WITH NAIP EDUCATION PVT. LTD., NAVI MUMBAI

**SINHGAD TECHNICAL EDUCATION SOCIETY**
(Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/8/93)

Sinhgad Institutes
19/15, Erandwane, Smt. Khilare Marg, Off Karve Road, Pune - 411 004.
Tel.: (020) 2545 9751 Fax : 2545 3456 E-mail : stes@sinhgad.edu Website : www.sinhgad.edu

PROF. M. N. NAVALE
M.E. (ELECT.) MIE, MSA
FOUNDER PRESIDENT

DR. (MRS.) SUNANDA M. NAVALE
B.A., MPM, Ph.D.
FOUNDER SECRETARY

Memorandum of Understanding

This MOU is being executed on 31st March 2016 between M/s NAIP Education Pvt. Ltd., having its Registered office at 256, 2nd Floor, Satra Plaza, Sector No. 19D, Vashi, Navi Mumbai, 400 703 and represented by Mr. Nayaz Qazi (Chairman) herein referred to as "NAIP" and Sinhgad Technical Education Society, Pune represented by Prof. M.N. Navale (Founder -President, STES) herein referred to "STES"

- As agreed as per this Memorandum of Understanding, NAIP and STES will jointly certify the students that successfully complete the National Academy of India Payroll Professional programmes in Payroll and Labour Law compliance.
- It is the sole responsibility of NAIP to market, recruit and enroll the students onto the Payroll and Labour Law compliance programmes of study. It is also the responsibility of NAIP to deliver the programmes by using its own faculty, course material and learning portal and to assess and examine the students as per the programme specifications.
- NAIP will deliver the programmes pan-India either through its tutor supported online learning or through its classroom delivery.
- STES will as per the mutually agreed design and format between NAIP and STES, jointly certify and badge the NAIP programme certifications, as issued by NAIP.
- Both NAIP and STES will meet twice a year to discuss and share best practice in relation to this collaboration.
- NAIP will share on a bi-monthly basis a list of the students enrolled on to the programmes to STES against which STES will issue an invoice for its remuneration as confirmed in the financials clause in this MOU.
- STES is not required to provide faculty, neither is STES required to deliver the programmes, both of which as above mentioned is the responsibility of NAIP.
- NAIP will provide the foundation certificate course in Payroll and Compliance to STES students at a concessional fees of Rs.3000/- only. It is agreed that STES reserves the right to set the fee for its students and can change the fee each year of the duration of this

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**SINHGAD TECHNICAL EDUCATION SOCIETY**
(Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/8/93)

Sinhgad Institutes
19/15, Erandwane, Smt. Khilare Marg, Off Karve Road, Pune - 411 004.
Tel.: (020) 2545 9751 Fax : 2545 3456 E-mail : stes@sinhgad.edu Website : www.sinhgad.edu

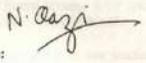
PROF. M. N. NAVALE
M.E. (ELECT.) MIE, MSA
FOUNDER PRESIDENT

DR. (MRS.) SUNANDA M. NAVALE
B.A., MPM, Ph.D.
FOUNDER SECRETARY

- the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties. "However the court of jurisdiction would be Pune".
- All student complaints and grievances related to the course will be handled by NAIP alone.
- The study material will be issued to student's minimum within a week's time once the payment installment has been received by NAIP.
- The tenure of the MOU would be for the period of 3 year from the commencement date of this MOU.

Signed and agreed for and on behalf of STES. Signed and agreed for and on behalf of NAIP.

Prof.M.N Navale Nayaz Qazi

Sign:  Sign: 

Position : Founder President Position: Chairman

NAIP Education Private Limited is classified as Non-govt company and is registered at Registrar of Companies, Mumbai. It is involved in Higher education [Includes post-secondary/senior secondary sub-degree level education that leads to university degree or equivalent.] The Post Graduate Diploma in Payroll and Payroll Compliance Management course has been designed after detailed consultation with experts in India and the UK, to equip the learner to take a strategic role in the development of the company or organization. It is a unique professional benchmark and industry recognized both in India and Internationally. The course provides real benefits to the organization and a higher level of technical skills to the learner, helping him to build the organization and develop a career.

Objectives of the MOU: Conducting a Professional Program of National Academy of India Payroll in Payroll and Labor Law compliance and jointly certifying the students successfully completing the course.

Memoranda of Understanding

MOU WITH NASSCOM, NEW DELHI

 **SINHGAD TECHNICAL EDUCATION SOCIETY**
(Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/6/93)
19/15, Erandwane, Smt. Khilare Marg, Off Karve Road, Pune - 411 004.
Tel. : (020) 2545 9751 Fax : 2545 3456 E-mail : stes@singhad.edu Website : www.singhad.edu

PROF. M. N. NAVALE
M.E. (ELECT) / M.E. / MSA
FOUNDER PRESIDENT

DR. (MRS.) SUNANDA M. NAVALE
B.A., M.M. P.D.
FOUNDER SECRETARY

Ref.: STES/MoU/2013/046 Dated: 14th November, 2013

To,
Ms. Avneet Bajaj
NASSCOM
4E (4th Floor), Vandana Building,
Tolstoy Marg,
Connaught Place,
New Delhi - 110001

Subject: Signed copy of NASSCOM MoU by Sinhgad Technical Education Society, Pune

Dear Madam,

We sincerely thank you for considering Sinhgad Institutes for participating in FSIPD program as the early adopters & we are very much keen for going ahead with this excellent program.

We feel very proud to inform you that there are ten engineering colleges under the umbrella of Sinhgad Technical Education Society and we would like to launch this pilot program for the three engineering colleges at our Vadgaon campus.

Herewith we are sending 2 copies of MoU's printed on plain paper, each page signed and stamped by us for IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM) and Sinhgad Technical Education Society, Pune for Pilot project for the conduct of EPP and FSIPD program for your kind consideration.

Also we are sending two faculty members for attending FSIPD TTT from 18th to 22nd November 2013 at SRM University, Chennai.

We look forward for your reply.

Thanks & Regards,

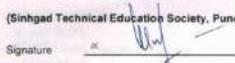
Yours truly,

Prof. M. N. Navale
Founder President,
Sinhgad Technical Education Society,
Pune-411 004

students undergoing the program. The scope of this project shall be further expandable to other such programs offered / to be offered under SSC NASSCOM / NASSCOM.

- The contents of this MOU shall be governed by the laws of India and that any dispute arising under this Agreement shall be resolved amicably through mutual discussions held between the senior officials designated respectively by the Parties

This MoU is made in two originals (one for SSC NASSCOM / NASSCOM and one for STES and comes into force on the day written above.

| (Sinhgad Technical Education Society, Pune) | | SSC NASSCOM / NASSCOM | |
|---|---|-----------------------|-------|
| Signature |  | Signature | _____ |
| Name | Prof. M. N. Navale | Name | _____ |
| Title | Founder President | Title | _____ |
| Address | 19/15, Erandwane, Smt. Khilare Marg, Off Karve Road, Pune - 411004, Maharashtra | Address | _____ |
| Seal |  | Seal | _____ |

Confidential

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The **National Association of Software and Service Companies (NASSCOM)** is a trade association of Indian Information Technology and Business Process Outsourcing Industry. Established in 1988, NASSCOM is a non-profit organization. It is a global trade body with over 2000 members of which over 250 are companies from the China, EU, Japan, US and UK. NASSCOM's member companies are in the business of software development, software services, software products, IT-enabled/BPO services and e-commerce. NASSCOM facilitates business and trade in software and services and encourages the advancement of research in software technology. It helps Set Strategic direction for industry, Policy advocacy for Industry growth, Best practices, sharing & collaboration, International partnerships & affiliation, Workforce development and Sustainability

Objectives of the MOU: Pilot project for the conduct of EPP and FSIPD program.

Memoranda of Understanding

MOU WITH ECTA, RWANDA

SINHGAD TECHNICAL EDUCATION SOCIETY
(Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/8/93)
S. No. 44/1, Vadgaon (Budruk), Off Sinhgad Road, Pune - 411 041. Tel. / Fax : (020) 2435 4721 Email : stes@sinhgad.edu

PROF. M. N. NAVALE
M.E. (ELECT) ME., MBA,
FOUNDER PRESIDENT

DR. (MRS.) SUNANDA M. NAVALE
B.A., MPM, Ph.D.
FOUNDER SECRETARY

Memorandum of Understanding

1. Purpose
The purpose is to create a partnership between ECTA, P.O. Box 3450, Kigali, Rwanda, which is registered in Rwanda, Trade License Code number 100461576, and SINHGAD TECHNICAL EDUCATION SOCIETY, 44/1, VADGAON BK, PUNE - 41, MAHARASHTRA, INDIA.
ECTA which is specialized in Construction and Architecture want participate to the development of Rwanda through an Educational Institute in Technology with good quality of teaching with international level in order to promote Industries in Rwanda, created jobs and maintain the quality of work, ECTA propose to STES which has rich experience in education field to be a partner in this project.

2. Program Description
a) ECTA is going to prepare all required for an Educational Institution according to Rwandan bylaws and infrastructures to accommodate the institute as standard required as guided by STES.
b) Sinhgad STES is interested to work with ECTA in this project and is going to provide teachers according to international level and in respect of Rwandans bylaws without any income from the project only the institute will provide transport, accommodation and salaries to the Director, Teacher Tech. Assistant, and other supporting staff from India according to Indian or Rwandan salaries.
c) Once all preparation with respect to Infrastructure, Lab, classroom, workshop, library are ready then STES will immediately send the requested teaching and non teaching faculty.

3. Operating Procedure
a) The educational institute will have her own management system but if required Sinhgad Will come as a consultant for supervision and execution of the institute and if STES doesn't have qualified teachers in any course, the institute will negotiate with others Educational institution.
b) STES accepts to give all information's required for the preparation for program, library, equipment and others for starting the Institute.
c) STES accept in order to prepare future Rwandese teachers, to train students recommended by ECTA in India with same cost as a local.

4. Liability
ECTA and STES are liable in order to maintain the quality of education for that ECTA will represent, STES in Rwanda and shall avoid others African Countries in order to avoid conflicts.

5. Use of Confidential Information
The parties understand the importance of the protection of intellectual property. The parties agree to:
(a) Receive and maintain the confidential information in confidence;
(b) Not reproduce the confidential information or any part thereof without the express written consent of disclosing party;
(c) Not, directly or indirectly, make known, divulge, publish or communicate the confidential information to any person, firm or corporation without the express written consent of disclosing party;
(d) limit the internal dissemination of the confidential information and the internal disclosure of the confidential information received from the disclosing party to those officers and employees, if any, of




SINHGAD TECHNICAL EDUCATION SOCIETY
(Regd. No. MAH / 7199-93 / Pune dt. 6/7/93 & F-8282 (Pune) dt. 12/8/93)
S. No. 44/1, Vadgaon (Budruk), Off Sinhgad Road, Pune - 411 041. Tel. / Fax : (020) 2435 4721 Email : stes@sinhgad.edu

PROF. M. N. NAVALE
M.E. (ELECT) ME., MBA,
FOUNDER PRESIDENT

DR. (MRS.) SUNANDA M. NAVALE
B.A., MPM, Ph.D.
FOUNDER SECRETARY

the receiving party who have a need to know and an obligation to protect it;
(e) Not use or utilize the confidential information without the express written consent of disclosing party;
(f) not use the confidential information or any part thereof as a basis for the design or creation of any method, system, apparatus or device similar to any method, system, apparatus or device embodied in the confidential information unless expressly authorized in writing by disclosing party;
(g) Utilize the best efforts possible to protect and safeguard the confidential information from loss, theft, destruction, or the like.
(h) All information provided by the disclosing party shall remain the property of the disclosing party.

6. Dispute resolution
The parties agree to try to resolve policy or practice disputes at the lowest level possible. If issues cannot be resolved at this level, a third party may be called in to help mediate any dispute. Informal mediation services, however, shall be explored prior to any other formal or legal process. Each party agrees to be responsible for its own financial obligation in this matter.

7. Duration and Modification of the MOU
Initial period of MOU shall be binding in both parties for 5 years. The parties understand that implementation of the MOU is dependent on both parties working together in good faith. The partners agree that the terms of the MOU will take effect upon signature of both parties when project start and will continue in effect as long as the parties choose to work together.
Termination of the MOU will be effective in either of two situations:
1. All partners agree in writing to its termination; or
2. One of the parties receives written notification of termination from the other party. In the event that it becomes necessary for one party to cease being a party to this MOU that said party shall notify the other party, in writing, ninety (90) days in advance of that intention. However, Sinhgad cannot terminate the MOU during an ongoing project before one course degree to avoiding a void in education.
This MOU may be reviewed and renewed annually and modified, altered, or revised, as necessary, by mutual consent of both parties, through the issuance of a written amendment, signed and dated by all parties

Each party enters into this Agreement in a spirit of cooperation and collaboration, for the purposes described above.

SIGNATURES
In WITNESS THEREOF, the parties to this MOU execute this agreement

BY: Prof. M. N. Navale
Founder President
STES

Dated 27/02/2012

Mr. NZITONDA KIVYENGO
ECTA General Manager
KIGALI, RAWANDA

Place: PUNE (INDIA)



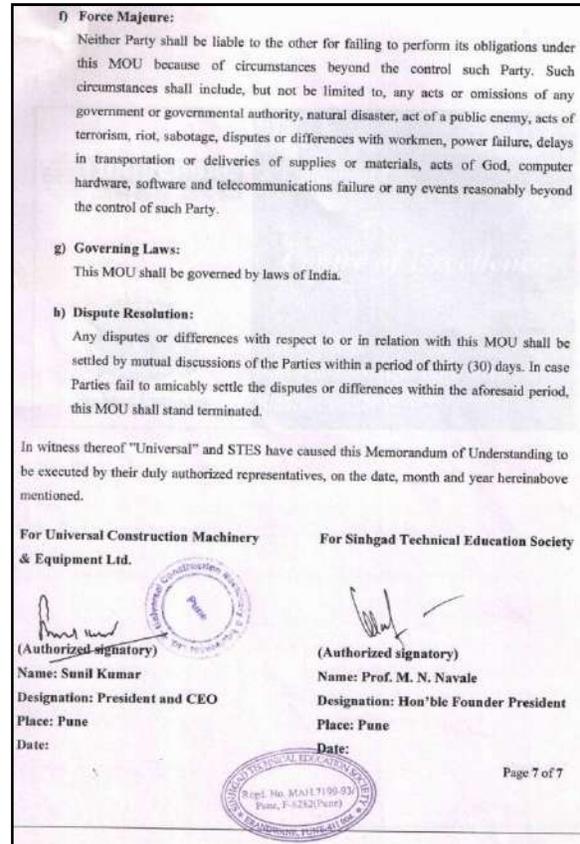
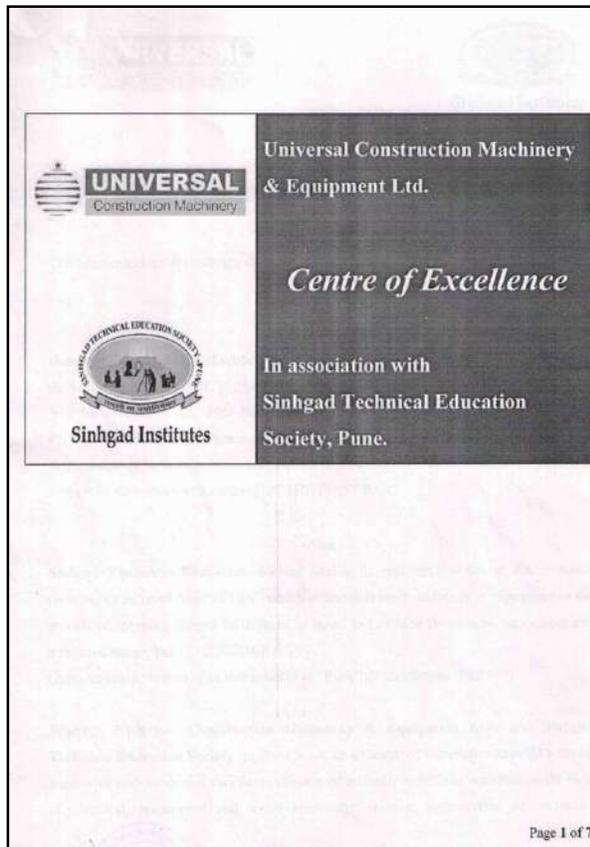
ECTA is specialized in Construction and Architecture and wants to participate in the development of Rwanda through an educational institute in technology with a good quality of teaching of international level in order to promote industries in Rwanda, create jobs and maintain the quality of work.

Objectives of the MOU: To create a partnership between ECTA and STES. To prepare all required for an educational institution according to Rwandan bylaws and infrastructure to accommodate the institute as standard as guided by STES.

Activities Conducted: Faculty from STES have conducted courses in the technical institute at Rwanda.

Memoranda of Understanding

MOU WITH UNIVERSAL CONSTRUCTION MACHINERY AND EQUIPMENT LTD., PUNE



Universal Construction Machinery and Equipment Ltd. manufactures Construction products such as Reversible Drum Mixers, Batching plants, Passenger-cum-Material Lifts and Works Platform. It also manufactures special equipment for construction of dams and irrigation projects. Universal has achieved great heights with its expertise and detailed execution in the past years. It has been blessed by exponential opportunities to test its mettle in the course of time. Universal has started a unique training facility "Universal Construction Machinery Training Centre (UCMTC)" for construction equipment operators at its Shiware plant.

Objectives of the MOU: Technical, Managerial and Social Knowledge sharing, Faculty Development Program, industrial Visits, Placements and Internships, Product Research or Product Development Projects and Social Programs.

Memoranda of Understanding

MOU WITH BROSE INDIA AUTOMOTIVE SYSTEMS PVT. LTD., PUNE



MEMORANDUM OF UNDERSTANDING

THIS AGREEMENT made and entered into on this 22nd day of December 2015 between: **SINHGAD TECHNICAL EDUCATION SOCIETY** (hereinafter called THE INSTITUTE) situated (S.No. 44/1, Off Sinhgad Road, Vadgaon Budruk, Pune, Maharashtra 411041)

and

BROSE INDIA AUTOMOTIVE SYSTEMS PRIVATE LIMITED
(Hereinafter called "BROSE" which expression shall include its successors and permitted assignees) with its registered office at 202 Panchshil Tech Park, Survey No-19/20, 2nd Floor, Hinjewadi, Pune-411057

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- to promote interaction between THE INSTITUTE and BROSE in mutually beneficial areas.
- to provide a formal basis for initiating interaction between THE INSTITUTE and BROSE.

2. PROPOSED MODES OF COLLABORATION

THE INSTITUTE and BROSE propose to collaborate for the following as enlisted below

- 1- Guest lectures,
- 2- Technical seminars
- 3- Campus interviews
- 4- Various corporate meets
- 5- Job fairs
- 6- BE & ME project with Brose India
- 7- Exchange of new technology updates from either party
- 8- Industrial visit to Brose office & plant for students
- 9- Short and long term internships
- 10- Nomination of Brose employees for ME course

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of
SINHGAD TECHNICAL EDUCATION SOCIETY

On behalf of
BROSE INDIA AUTOMOTIVE SYSTEMS PRIVATE LIMITED

By : 
Name : Dinesh G. Joshi
Title : T & P
Date : 22/12/2015
Witness:

By : 
Name : Mangesh Pandurangpande
Title : Sr. Manager HR
Date : 22/12/2015
Witness:

1.
2.

Brose is the world's fifth-largest family-owned automotive supplier. Their mechatronic systems for doors, seats or electric motors and drives can be found in every second new vehicle around the world today. Over 80 manufacturers and 40 suppliers rely on their efficiency and performance. More than 24,000 employees at 60 locations in 23 countries guarantee quality and innovation. They have been on the front lines helping to shape the future of the automobile for over a century. Their products enhance vehicle comfort, safety and efficiency. Brose makes sure of this by investing eight percent of its revenue in research and development

Objectives of the MOU: To promote interaction between the Institute and Brose in mutually beneficial areas and to provide a formal basis for initiating interaction between the Institute and Brose. To collaborate for Guest Lectures, Technical Seminars, Campus Interviews, various Corporate meets, Job Fairs, UG and PG student projects, exchange of new technology updates, Industrial Visits, Internships and nomination of Brose employee for ME course.

Memoranda of Understanding

MOU WITH COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD., PUNE

Cognizant Technology Solutions India Pvt. Ltd.
Ria No: 26
Sip: South India-3 Pk.
SREC, Hyderabad,
Pune 411 001, India
Phone: +91-20209186 / +91-90-2009444
Fax: +91-20-2223552
www.cognizant.com

**Cognizant -
Campus Relationship Memorandum of Understanding**

This Memorandum of Understanding ("MOU") is executed on this **28th day of September 2007** between

Cognizant Technology Solutions India Pvt. Ltd., having its registered office at 5/535 Old Mahabalipuram Road, Chennai 600097, India, hereinafter referred to as "Cognizant", which unless repugnant to the context or meaning thereof, will include its successors-in-interest and assigns, on the one part;

and

Sinhgad Group of Institutes, Pune, hereinafter referred to as 'the College', which unless repugnant to the context or meaning thereof, will include its successors-in-interest and assigns, on the one part.

This MOU is signed with the objective of furthering industry-academic linkage for mutual benefit. The two parties will work towards this common cause with the objectives stated below.

I. Objectives:

1. Cognizant as part of its activities to build better relations with campuses, proposes to offer sponsorship for certain programs such as technical symposiums, cultural events and any such event of mutual interest agreed by the parties. This sponsorship will be offered once per year.
2. Cognizant is desirous of conducting Student workshops / Guest lectures at a frequency of three events per year.

IX. Publicity:

1. All publications whether through print or any other media connected with the activities pertaining to this MOU will be done after review and express approval of the College and Cognizant.
2. Any release and use of the publications referred to above shall be done only upon express written approval of the College and Cognizant.
3. The College shall execute necessary confidentiality agreements or non-disclosure agreements as stipulated by Cognizant in this connection.

In Witness whereof the authorized signatories of Cognizant and College have executed this MOU at Pune city on this 28th day of September 2007.

| | |
|---|--|
| SINHGAD TECHNICAL EDUCATION SOCIETY, Pune | COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD. |
| Signature:  | Signature:  |
| Prof. M. N. Navale Founder President & Chief Managing trustee | Mr Debashis Chatterjee Senior Vice President - BFS & Head Pune Centre |

Cognizant is a global leader in business and technology services, helping its clients bring the future of work to life—today. Headquartered in Teaneck, New Jersey (U.S.), Cognizant combines a passion for client satisfaction, technology innovation, deep industry and business process expertise and a global, collaborative workforce that embodies the future of work. Information Technology being one of the widely spread sectors **Cognizant Technology Solutions Pune**, is one of the well established IT Consulting and IT Outsourcing companies. This internationally known company focuses on helping clients all around the world build strong and unmatched businesses versus their competitors. It is not only famous around the world but has a strong hold on the Indian market too. With a global vision and efficient processes the company has made its way through by local approaches, hence proven to have done well in the business.

Objectives of the MOU: To better relations with campuses by offering sponsorship for certain programs such as technical symposium, cultural event and any such event of mutual interest. To provide technical support by conducting student workshops /Guest Lectures and Faculty Development Programs. Providing help that is required to generate students with the necessary industry orientation in IT.

Memoranda of Understanding

MOU WITH SYNECHRON TECHNOLOGIES PVT. LTD., PUNE

Synechron
Synergy Synchron Success

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is made and entered on the 8th day of August 2012 (the "Effective Date") at Pune.

BETWEEN

SYNECHRON TECHNOLOGIES PRIVATE LIMITED, a Company incorporated under the Companies Act, 1956, and having its Registered Office at: MIDC Knowledge Park, Kharadi, Pune - 411 014 hereinafter referred to as "Synechron" or "Company" (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include its administrators, assigns & successors)

.....of the FIRST PART.

AND

Sinhgad Group of Engineering Colleges, an Institute established in 1993, approved by All India Council for Technical Education (AICTE) and affiliated to the University of Pune, and having its head office at S. No. 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune - 411 041; hereinafter referred to as "the institute" (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include its administrators, assigns & successors)

.....of the SECOND PART

IN WITNESS WHEREOF, the parties intending to be legally bound have caused this MOU to be executed by their duly authorized representatives as on the date first hereinabove mentioned

| | |
|--|--|
| Synechron Technologies Pvt. Ltd. | Sinhgad Group of Engineering Colleges |
| Sign  | Sign  |
| Name : Amit Chitka  | Name : Anuragkashi Pitsankh  |
| Title : Assistant Manager - Human Resources | Title : Dean - Training & Placement (Engineering) |
| Date : August 8, 2012 | Date : August 8, 2012 |

Synechron Technologies Pvt. Ltd. www.synechron.com

Support Office: MIDC Knowledge Park, Kharadi, Pune - 411 014
Tel: +91 20 47390000
Fax: +91 20 42390000

HR Office: Block 1, 11 Midc Embassy Deck Area, P. S. Bala Sahasra Mahadev Park, Highegate, Pune - 411 017
Tel: +91 20 42390000

A Wing, Sinhgad Vadgaon Park, P. S. - 411 041, Off Sinhgad Road, Vadgaon (Bk), Pune - 411 041
Tel: +91 20 4239 2000 Fax: +91 20 4239 2004

Quality Assurance Park, 1st Floor, Block 4, 107, Akshay Info Park, Phase 1, MIDC, Near Quality Assurance Park, Vadgaon (Bk), Pune - 411 041
Tel: +91 20 4239 2000

Synechron Technologies Pvt. Ltd. is engaged in the business of software development. It provides software and consulting services in Product/Application Development, Customization Services, Enterprise Application Integration, Application Maintenance & Support, Migration Services, Process & Workflow Automation, QA & Testing Services, Knowledge Process Outsourcing.

Objectives of the MOU: Sharing new methods of teaching and learning and curriculum development, organizing seminars/conferences/workshops/competitions on subjects of academic as well as professional interest for cross-fertilization of ideas for overall growth, giving exposure of corporate culture to the Institute's students and faculty through industrial visits, guiding and monitoring Institute's students for projects, sabbatical for faculty members, organizing faculty development programs, conducting placement drive at the Institute, sharing innovative ways of recruiting and conferring institute best faculty and T.E. topper awards.

Memoranda of Understanding

DEPARTMENT LEVEL MOU

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

LIST OF MOU

| Sr. No. | Name of the Organization / Institute |
|----------------|--|
| 01. | Foundation for Innovation and Collaborative Education, Bangalore |
| 02. | Cubez Technocrats Pvt. Ltd., Pune |
| 03. | Cypress Semiconductor Corporation, Philippines |
| 04. | e-Yantra IIT Bombay |
| 05. | ARM and ST Microelectronics (UK) |
| 06. | The Gate Academy, Pune |
| 07. | HYC Technology, Pune. |
| 08. | K-imaginations, Pune |
| 09. | Edutech Learning Solutions Pvt. Ltd, Vadodara |
| 10. | Texas Instruments (Trident Techlabs Pvt. Ltd.), Pune |
| 11. | SPJ Embedded Tech. Pvt. Ltd., Pune |
| 12. | Campus Component Pvt. Ltd. (IERR), Pune |
| 13. | Processes N Migration, Pune |
| 14. | ACTEL Inc., CA |
| 15. | GetSetSmart Edutech Pvt. Ltd., Pune |
| 16. | Credila financial Services Pvt. Ltd., Pune |
| 17. | Jamboree, Pune |

DETAILS OF MOU

| S. No. | Name of the Industry/ Institution | Contact Person | Domain of MOU | SPOC | Date of Sign | Duration |
|---------------|--|--|--|---------------------|---------------------|-----------------|
| 01. | Foundation for Innovation and Collaborative Education, Bangalore | Ms. Apurva Verma, Associate Director, FICE | Intel Intelligent Systems Certification, Setup of Intel Intelligent Systems Laboratory | Prof. S.C. Badwaik | 01/08/2014 | 3 years |
| 02. | Cubez Technocrats Pvt. Ltd. | Mr. Vikrant A.P., Founder & CEO | Conduction of Short Term Training Programs, Guest Lectures | Prof. R.V. Bhagwat | 21/12/2015 | 6 Months |
| 03. | Cypress Semiconductor Corporation | Managin g Director | Received grant in terms of 4-M series Pioneer Kits | Prof. R.R. Deshmukh | 06/11/2015 | Till Date |

Memoranda of Understanding

| | | | | | | |
|-----|--|--------------------------------------|---|----------------------|------------|-----------|
| 04. | e-Yantra IIT Bombay | Mr. Sachin Gupta | To facilitate the setting up of Robotics lab through Task Based Training (TBT) | Prof. M.N. Kakatkar | 30/09/2015 | Till Date |
| 05. | ARM and ST Microelectronics (UK) | Ms Julie Warder | Received grant in terms of High end development boards and State of the Art Keil-Design Software Licenses | Prof. M.M. Deshmukh | 22/07/2015 | Till Date |
| 06. | The Gate Academy, Pune | Mr. Abhishek Shrivastav, Center Head | Counselling of students for GATE | Dr. S. D. Lokhande | 16/01/2015 | Till Date |
| 07. | HYC Technology, Pune. | Narayan Pawar, CEO. | Technical Sessions for students to enhance the quality of education | Prof. R. V. Bhagwat | 03/06/2015 | 1 Year |
| 08. | K-imaginations | Mr. Pranit Parekar | Conduction of workshops for students | Dr. M. B. Mali | 01/05/2015 | 1 Year |
| 09. | Edutech Learning Solutions Pvt. Ltd, Vadodara | Mr. Nitin Paranjape, Director | Providing online courses on Microcontroller and Embedded Systems to the students | Prof. R. V. Bhagwat | 24/06/2013 | 1 Year |
| 10. | Texas Instruments (Trident Techlabs Pvt. Ltd.) | Amit Panwar, Branch Manager | To Establish teaching lab facility in the area TI MSP 430. Workshops/FDP/Events/Training Programs | Prof. M. N. Kakatkar | 24/06/2013 | Till Date |
| 11. | SPJ Embedded Tech. Pvt. Ltd. | Mr. Jeevan Katariya, Director | Practical Approach in Programming of Embedded Linux | Prof. A.D.Jadhav | 01/02/2013 | Till Date |
| 12. | Campus Component Pvt. Ltd. (IERR) | Mr. Akhilesh Kumar, Director | Research and Internship Opportunities and Technical Programs in Embedded and Robotic Research | Prof. M. N. Kakatkar | 01/01/2013 | 1 Year |
| 13. | Processes N Migration | Ms. Sonali Fule, President | Training Sessions on Employability skills | Prof. S.D. Mali | 21/02/2012 | Till Date |

Memoranda of Understanding

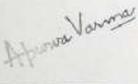
| | | | | | | |
|-----|--------------------------------------|---|--|---------------------------------------|------------|-----------|
| 14. | ACTEL Inc. | Mr. Shafi Syed, Senior Manager, Technical Marketing | Established dedicated laboratory to FPGA research | Prof. M.B. Mali Prof. S.C. Badwaik | 05/07/2005 | Till Date |
| 15. | GetSetSmart Edutech Pvt. Ltd. | Mr. Mangesh Bhalerao, Chief Executive Officer | Setting up of e-learning and mobile learning platform, Guest Lecture | Dr. M. B Mali | 11/06/2016 | Till Date |
| 16. | Credila financial Services Pvt. Ltd. | Mr. Rahul Erdettin | Technical Events of Techtonic | Prof. S. B. Mule | 30/12/2015 | 1 Year |
| 17. | Jamboree | Mr. Sunil Hadimani | Technical Events of Techtonic | Prof. S. B. Mule | 29/12/2015 | -- |

Memoranda of Understanding

MOU WITH FOUNDATION FOR INNOVATION AND COLLABORATIVE EDUCATION, BENGALURU

| Agreement between Sinhgad Technical Education Society's Sinhgad Institutes and Foundation for Innovation and Collaborative Education for Delivery of Training Programs to students | |
|---|--|
| The Parties | Foundation for innovation and Collaborative Education with its principal office at F-2, LXY Aura, 99D, KHB Colony, Koramangala 5 th Block, Bangalore 560095 hereinafter called "FICE", and Sinhgad Technical Education Society's Sinhgad Institutes with its office at 19/15, Khilare Marg, Off Karve Road, Erandwane, Pune, 411004 hereinafter called "Institute" have agreed to jointly deliver training programs on technology, innovation, entrepreneurship and/or other domains to students of the Institute. |
| Effective Date | This Agreement is effective from 1 st August, 2014 day of 1 st August, 2017. |

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and the year first above written.

| | |
|---|---|
| For and on behalf of Foundation for Innovation and Collaborative Education | For and on behalf of Sinhgad Technical Education Society's Sinhgad Institutes |
|  |  |
| Name: Apurva Varma Designation: Associate Director Foundation For Innovation and Collaborative Education | Name: Prof. M. N. HAVALE Designation: Hon'ble Founder President Seal |



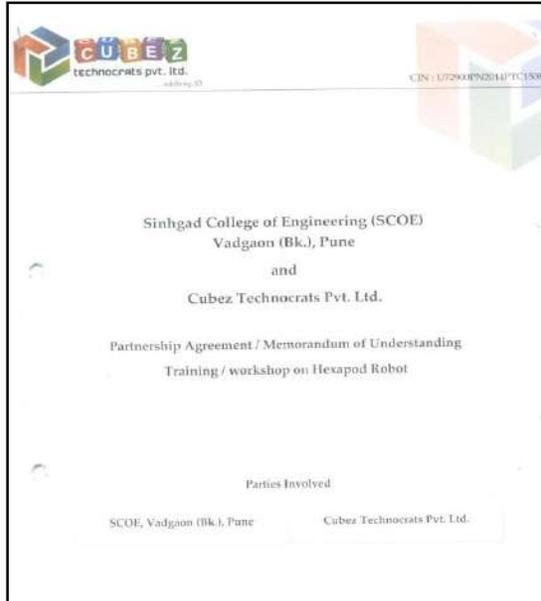
FICE has worked with a large number of engineering colleges around India and has helped them enhance their curricula, train their faculty and enhance experimental learning for their students.

Objectives of the MOU: FICE and the Institute are working together to deliver the following:

1. Intel Intelligence Systems Certification delivered in close cooperation with the Institute as follows:
 - a. 3-day onsite program delivered by FICE and Institute personnel in close cooperation with each other.
 - b. 4-6 week project work at the lab within the Institution premises mentored by Institution personnel.
 - c. 1-2 day final evaluation and certification conducted by FICE and Institution
2. Other programs, as may be mutually identified from time to time.

Activities conducted: A 3-day certification program on intelligent embedded system design with Intel Galileo was conducted in the Department Of Electronics and Communication and received a huge response from UG and PG students. The objective of this program was to introduce engineering students to the state of the art platform of Intel Galileo board to design and develop embedded systems.

MOU WITH CUBEZ TECHNOCRATS PVT. LTD.



Cubez Technocrats Pvt. Ltd. was established in Aug. 2013 and has emerged as a combination of multiple technologies in the field of Robotics, Automation, Embedded Systems, Information Technology and training. Cubez Technocrats Pvt. Ltd. Provides some variety of Robotics and Automation services as well as products.

Company currently has a good dedicated team of engineers with the good knowledge of Robotics, Embedded systems, Prototype Modeling.

Objectives of the MOU: To give technical support by conducting a workshop on Hexapod Robot for Two Days in SCOE and to provide Research and Internship Opportunities and conduct Training Programs.

Memoranda of Understanding

MOU WITH INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY (e-YANTRA PROJECT)

|  SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ENGINEERING [Affiliated to University of Pune & Approved by (AICTE) (ID No. PU/PN/Engg/116 (1996))] S. No. 44/1, Vadgaon (Bk.), Off Sinhgad Road, Pune - 411 041. Tel. : 020 - 2410 0234 / 302 Website : www.sinhgad.edu Fax : 020 - 2435 7243 E-mail : principal.scoe@sinhgad.edu | | |
|---|---|---|
| Prof. M. N. Navale M.E. (Elect.) M.E. MBA Founder - President | Dr. (Mrs.) Sunanda M. Navale B.A., M.P.M., Ph.D. Founder - Secretary | Dr. S. D. Lokhande M.E., Ph.D. (Electronics Engg.) Principal |
| Ref.:SCOE/115-11/116 | | |
| To Principal Investigator, e-Yantra project, IIT Bombay. | | Date: 30/09/2015 |
| Subject: Expressing intent to participate in e-Yantra Lab Setup Initiative (eLSI) | | |
| Dear Sir/Madam, | | |
| We understand that the MHRD funded e-Yantra project is facilitating setting up of Robotics labs at engineering colleges with the goal of spreading Embedded systems and Robotics education. In order to achieve the desired impact, e-Yantra would provide necessary support in the following manner: | | |
| <ol style="list-style-type: none">1. Conducting workshops for a team of 4 teachers identified by us2. Training the team of teachers through hands-on experiments in a step-by-step manner through Task Based Training (TBT)3. Providing support and advice to set up a robotics lab such that by the time the teachers are trained, a robotics lab is set up at our college | | |
| On our part, we express our intent to participate in this nation-building effort by committing the following resources: | | |
| <ol style="list-style-type: none">1. Team of teachers: Team leader: Prof. U. R. More E-mail id of Team-leader: urmore.scoe@sinhgad.edu Team members: Prof. M. S. Kakade Prof. R. R. Deshmukh Prof. A. V. Bankar2. Funds to set-up a Robotics lab: Rs. 2,00,000/- (Two Lakh Only)3. Creating a Robotics club for students to experiment with the robots | | |
| Sincerely,  Dr. S. D. Lokhande Principal, SCOE, Pune 46, 020-2410000 (Ext. 301) principal.scoe@sinhgad.edu | | |
|  | | |

e-Yantra is a project sponsored by MHRD through the National Mission on Education through ICT (NMEICT).

e-Yantra Lab Setup Initiative (eLSI) is a college level program under which colleges are encouraged to setup robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training – to create an eco-system at the colleges to impart effective engineering education. eLSI provides: (i) guidance and support for establishing robotics labs - three robotic kits are given to each participating college and (ii) a two-phased training for teachers: Two-day Workshop and Task Based Training

Objectives of the MOU: Setting up robotics lab in the Institute

Memoranda of Understanding

MOU WITH ARM AND ST MICROELECTRONICS (UK)



STMicroelectronics is a world leader in providing the semiconductor solutions that make a positive contribution to people's lives, today and into the future. Offering one of the industry's broadest product portfolios, ST serves customer customers across the spectrum of electronics applications with innovative semiconductor solutions for Smart Driving and the Internet of Things. By getting more from technology to get more from life, ST stands for life augmented. It is

- Among the world's largest semiconductor companies
- A leading Integrated Device Manufacturer serving all electronics segments
- A leading technology innovator (approximately 8,300 people working in R&D, ~15,000 owned patents in ~9,000 patent families and 500 new patent filings)
- Delivering solutions that are key to Smart Driving and the Internet of Things
- Rich, balanced portfolio (ASICs, Application-Specific Standard Products and Multi-Segment Products)
- A pioneer and visionary leader in sustainability

Objectives of the MOU: To donate kits and licensed copy Keil software for students for enhanced learning.

Activities conducted: Received grant in terms of High end development boards and State of the Art Keil-Design Software Licenses

Memoranda of Understanding

MOU WITH THE GATE ACADEMY, PUNE

| SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ENGINEERING | | |
|---|--|---|
| [Affiliated to University of Pune & Approved by AICTE (ID No. PU/PN/Engg./116 (1996)] S. No. 44/1, Vadgaon (Bk.), Off Sinhgad Road, Pune - 411 041. | | |
| Tel : 020 - 2435 4705 Fax : 020 - 2435 7243 | | Website : www.sinhgad.edu E-mail : principal.scoe@sinhgad.edu |
| Prof. M. N. Navale M.E. (Elect.) M.E. MEA Founder - President | Dr. (Mrs.) Sunanda M. Navale B.A., M.P.M., Ph.D. Founder - Secretary | Dr. S. D. Lokhande M.E., Ph.D (Electron) Principal |
| Ref. No. SCOE/2014-15/1577 Date: 16 th January 2015 | | |
| MEMORANDUM OF UNDERSTANDING | | |
| This Memorandum of Understanding ("MoU") is executed as on 16 th January 2015 between: | | |
| The Gate Academy, Pune | | |
| AND | | |
| Sinhgad College of Engineering, Pune to be organized on <u>DATE</u> . | | |
| The Gate Academy, Pune | | |
| Deliverables: | | |
| A. A cheque of "Rs. 20, 000" in the name of Sinhgad Cultural Centre College | | |
| Deliverables: | | |
| A. 2 Mass Counseling each in ME/CE/EX (SCOE) and ME/EXC/COMP (SKNCOE) department for 15-20 minutes. | | |
| B. 02 NB Posters (A3 size) in all streams for 1 month for both the campuses, starting from 23 rd January 2015 till 22 nd February 2015. | | |
| Signed and delivered for and on behalf of | | Signed and delivered for and on behalf of |
| The Gate Academy, Pune | | |
| Name: ABHINAV SRINIVASA Designation: CENTER HEAD Date: 16/1/2015 | | Name: Dr. S. D. Lokhande Designation: Principal, Sinhgad COE, Pune 41 Date: 16/1/2015 |
| Note: MoU will be considered valid once signatures are done on the above mentioned spaces. | | |

The Gate Academy is a leader in providing coaching for GATE.

Objectives of the MOU: Under the MoU, key deliverables were to provide mass counseling to the students from various branches of engineering.

Memoranda of Understanding

MOU WITH HYC TECHNOLOGY, PUNE

| | |
|--|---|
| MEMORANDUM OF UNDERSTANDING | |
| Between | |
|  | |
| HYC Technology, Pune | |
| And | |
|  | |
| Sinhgad Institutes Sinhgad Technical Education Society's Sinhgad College of Engineering, Vadgaon (Bk.), Pune | |
| In written, where of both parties put their hard seal on the day, month and year herein mentioned. | |
| DATE: 03/06/2015 | DATE: 03/06/2015 |
| PLACE: Pune | PLACE: Pune |
| NAME: Dr.S. D. Lokhande | NAME: Mr. Narayan Pawar |
| DESIGNATION: Principal | DESIGNATION: CEO |
| ADDRESS: S. No. 44/1, Vadgaon(Bk), Off. Sinhgad Road, Pune-411041. | ADDRESS: B6,Flat no-7, Utakarsharagar Society,Hadpsar, Gadital,Hadpsar, Pune - 28. |
| SIGNATURE:  | SIGNATURE:  |
|  | SEAL:  |

HYC is embedded Product development and training company based in Pune. It offers exceptional service in embedded, automation, product, training etc.

Objectives of the MOU: Technical Sessions for students to enhance the quality of education

Activities conducted: Under this MOU a 2 days training program was conducted on Raspberry Pi in the Department of Electronics and Telecommunication. This was arranged for TE and BE students.

The **Raspberry Pi** is a series of credit card-sized single-board computers developed in the United Kingdom by the Raspberry Pi Foundation to promote the teaching of basic computer science in schools and developing countries. In this 2 days training program students learnt the following modules.

Module 1: Introduction to Raspberry Pi

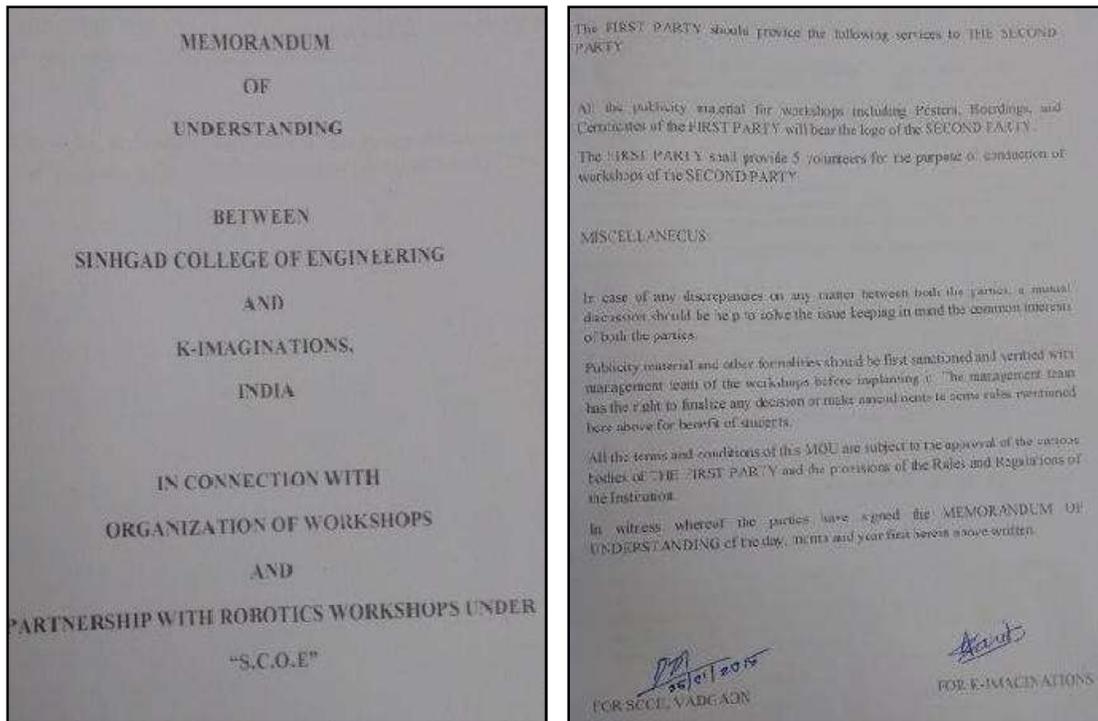
Module 2: Interfacing of Raspberry Pi with standard peripherals.

Module 3: Introduction to Open CV

Module 4: Open CV on Raspberry Pi

Memoranda of Understanding

MOU WITH K-IMAGINATIONS, PUNE



Established in the year 2012, at Pune (Maharashtra, India), “K-Imaginations” has gained a name in the market for manufacturing, exporting, trading and supplying world class range of Electronic Development Boards, GSM Modules, RFID Modules, Wireless Modules, Microcontroller Programmers, Robotic Accessories, DC Motors, Servo Motors, Motor Drivers and many more. These products are precisely manufactured utilizing the best grade raw material & latest technology in complete compliance with the set industry standards.

Objectives of the MOU: Conduction of Short Term Training Programs and Guest Lectures.

Memoranda of Understanding

MOU WITH EDUTECH LEARNING SOLUTIONS PVT. LTD., VADODARA

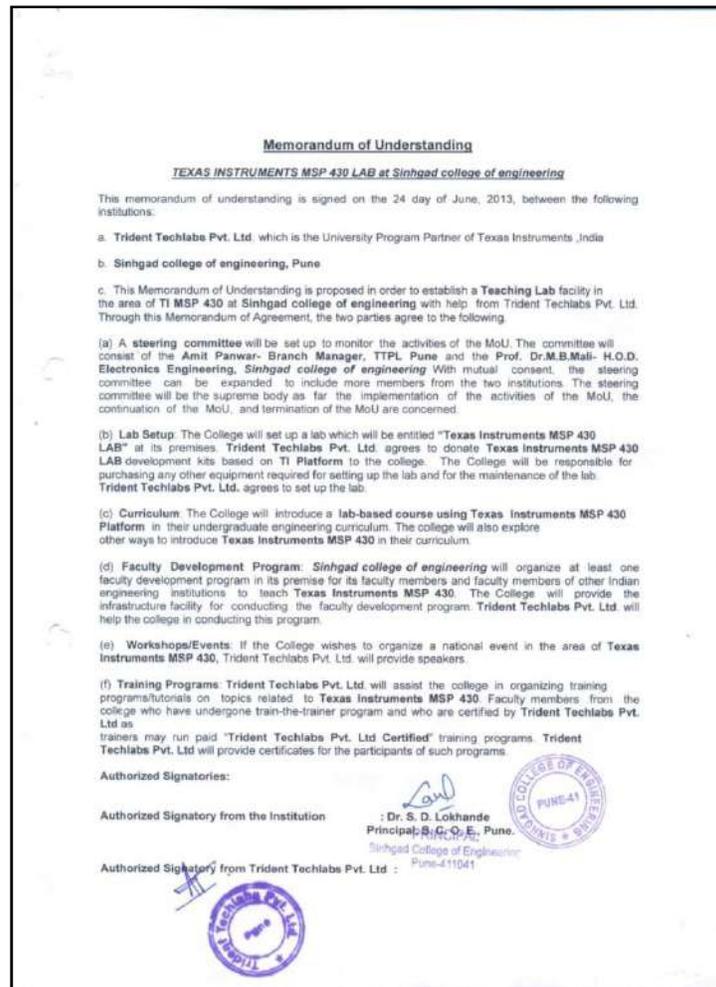
| | | | |
|---|---|---|---|
| <p>Singhad College of Engineering (SCOE,Pune) Vadgaon(Bk), Pune</p> <p>AND</p> <p>Edutech Learning Solutions Pvt. Ltd. Vadodara</p> <p>Memorandum Of Understanding for ICT Enabled Learning Courses on Microcontroller and Embedded Systems</p> <p>PARTIES INVOLVED</p> <table border="1" style="width: 100%;"><tr><td style="width: 50%; text-align: center;">SCOE, Vadgaon(Bk),Pune</td><td style="width: 50%; text-align: center;">Edutech Learning Solutions Pvt. Ltd. Vadodara</td></tr></table> | | SCOE, Vadgaon(Bk),Pune | Edutech Learning Solutions Pvt. Ltd. Vadodara |
| SCOE, Vadgaon(Bk),Pune | Edutech Learning Solutions Pvt. Ltd. Vadodara | | |
| <p>DURATION AND MODALITIES FOR OPERATION</p> <ul style="list-style-type: none">• Duration of this Contract between Edutech Learning solutions Pvt. Ltd. and SCOE, Vadgaon(Bk),Pune will be for 1 year.• The operation and progress of the contract will be reviewed on half-yearly basis.• Both parties will nominate the coordination teams for successful implementation of the centre. <p>The Company will:</p> <ol style="list-style-type: none">a) Activate the respective subscribed online courses.b) Provide necessary hardware and software resources in form of variety of CPU target boards, development tools, interfacing kits, workbooks and manuals as per the course needs as required by the Institute and at cost mentioned in Annexure 1.c) Demonstrate new teaching-learning practices for faculties to improve the teaching processd) Provide Certificate to students who have successfully completed the study of modules.e) Provide on-line technical support to the students and faculties on different courses as and when required.f) Provide access to its online placement assistant tool for the students. | | | |
| <p>The Institute will:</p> <ol style="list-style-type: none">a) Subscribe on-line learning programs provided by the company to ensure continuous learning and utilization of resources for up gradation of skill set of students. (Subscription Charges: Refer Annexure 1)b) Provide infrastructural facilities which includes laboratory space, internet ready computers and other accessories required in the labc) Assign project coordinator from the institute for co-ordination of the program <p>Terms and Conditions:</p> <ol style="list-style-type: none">1. Necessary hardware and software resources in form of CPU target boards, development tools, interfacing kits etc. will be provided to the Institute.2. Each online course will be activated with a validity of 1 year on receipt of payment.3. Certificate will be given to the students who have successfully completed the study of modules.4. On-line technical support will be provided to the students and faculties on different courses as and when required.5. In case of termination of contract before 1 year by the institute the hardware tools provided will be taken back and any damages incurred will be charged extra at actual. <p>Validity:-This agreement will be valid for 1 year from the date of signing.</p> <p>Declaration:</p> <p>I hereby agree to all the terms and conditions put in the above mentioned MOU by Edutech Learning Solutions Pvt. Ltd. and Singhad College of Engineering (S.C.O.E.) Vadgaon(BK).</p> <p>Date: 24/6/2013</p> <table style="width: 100%;"><tr><td style="width: 50%;"><p>Signature: Name: Dr. S D Lokhande Designation: Principal S.C.O.E.,Vadgaon(BK)</p></td><td style="width: 50%;"><p>Signature: Name: Mr. Nitin Paranjape Designation: Director Edutech Learning Solutions Pvt. Ltd.</p></td></tr></table> <div style="text-align: right;"></div> | | <p>Signature: Name: Dr. S D Lokhande Designation: Principal S.C.O.E.,Vadgaon(BK)</p> | <p>Signature: Name: Mr. Nitin Paranjape Designation: Director Edutech Learning Solutions Pvt. Ltd.</p> |
| <p>Signature: Name: Dr. S D Lokhande Designation: Principal S.C.O.E.,Vadgaon(BK)</p> | <p>Signature: Name: Mr. Nitin Paranjape Designation: Director Edutech Learning Solutions Pvt. Ltd.</p> | | |

Edutech Learning Solutions Pvt. Ltd provides ICT enabled online learning courses on Microcontroller and Embedded Systems. The company also provides necessary hardware and software resources in the form of variety of CPU target boards, development tools, interfacing kits, workbooks and manuals as per the course needs. The company also demonstrates new teaching learning practices for faculties to improve the teaching learning process. A student who successfully completes the training gets the certificate.

Objectives of the MOU: Activate the respective subscribed online courses, provide necessary hardware and software resources in the form of variety of CPU target boards, development tools, interfacing kits, workbooks and manuals, demonstrate new teaching-learning practices to faculties to improve the teaching process, provide certificate to students who successfully complete the modules, provide on-line technical support to the students and faculties on different courses as and when required, provide access to its online placement assistant tool for the students.

Memoranda of Understanding

MOU WITH TEXAS INSTRUMENTS (TRIDENT TECHLABS PVT. LTD.), PUNE



Texas Instruments Inc. (TI) is an American technology company that designs and manufactures semiconductors, which it sells to electronics designers and manufacturers globally. Trident Techlabs Pvt. Ltd. is a University Program Partner of Texas Instruments, India.

Objectives of the MOU: This MoU was proposed in order to establish a Teaching Lab facility in the area of TI MSP 430 with the help from Trident Techlabs Pvt. Ltd. The college to set up a lab entitled "Texas Instruments MSP 430 Lab". Texas Instruments to donate development kits based on TI platform. The college to introduce a lab-based course using Texas Instruments MSP 430 Platform in their UG curriculum and explore other ways to introduce Texas Instruments MSP 430 in their curriculum. The college to organize at least one Faculty Development program to teach Texas Instruments MSP 430 Lab. Trident Techlabs to provide speakers for training programs and workshops organized by the college.

Memoranda of Understanding

MOU WITH SPJ EMBEDDED TECH. PVT. LTD., PUNE

SPJ EMBEDDED TECHNOLOGIES PVT. LTD.
Sr.No.128/2A, Ashok Road, 2nd Floor, Shivajinagar, Pune-411 004 (Pune)
New 6th Floor, Colaba, Pune-411 006 (Pune) Phone: +91 204302511
Email: info@spjembedded.com www.spjembedded.com

Sinhgad College of Engineering (SCOE, Pune)
Vadgaon (Bk), Pune
AND
SPJ Embedded Technologies Pvt. Ltd.
MOMURANDAM OF UNDERSTANDING
FOR
Workshop on Embedded Linux

PARTIES INVOLVED

| | |
|-----------------------------|--|
| SCOE, VADGAON (BK), PUNE | SPJ Embedded Technologies Pvt. Ltd. |
|-----------------------------|--|

PARTIES INVOLVED:

SPJ Embedded Technologies Pvt. Ltd.:-
SPJ Embedded Technologies Pvt. Ltd. is Indian company which has earned the foot prints in the field of embedded systems all over the world. SPJ formed by professional with formal engineering qualification and industrial experience. The company has executed various projects for Defense and industries across India and abroad. It is the first company in India which has launched indigenous C-cross compilers of micro-controllers for embedded industries and educational sectors. This is a unique product which got worldwide acceptance. The company also provides industry standard with wide range of micro-controller boards for controllers like 8051, ARM7, Cortex, ARM9, etc. [www.spjembedded.com]

SCOE, VADGAON (BK), PUNE:-
SIEST's Sinhgad College of Engineering has become synonymous with quality engineering education. Sinhgad College of Engineering (SCOE) was established in the year 1996 offering degree courses in Computer, E & TC, IT, Mechanical, Chemical, Civil and Production Engineering. All the above courses are approved by All India Council of Technical Education (AICTE), accredited by National Board of Accreditation (NBA), New Delhi and affiliated to University of Pune, The Directorate of Technical Education (DTE), Maharashtra State, Mumbai.

SPJ Embedded Technologies Pvt. Ltd.
Sr.No.128/2A, Ashok Road, 2nd Floor, Shivajinagar, Pune-411 004 (Pune)
New 6th Floor, Colaba, Pune-411 006 (Pune) Phone: +91 204302511
Email: info@spjembedded.com www.spjembedded.com

- Hands on session, practical approach.
- High level Micro controller programming made simple.
- Future assistance in the field of technology and innovative projects.

Deliverables:

- Resource CD
- Study material

SPJ Embedded Technologies Pvt. Ltd assures you about the quality of the Kit and components that will be provided in the workshop. All the components are generally pre-tested by our quality inspector. In case any component is still found to be having any manufacturing defect it will be immediately replaced during the course.

Validity:-
This agreement will be valid till the completion of Training Program.

Declaration:
I hereby agree to all the terms and conditions put in the above mentioned partnership agreement by SPJ Embedded Technologies Pvt. Ltd and Sinhgad College of Engineering (SCOE).

Date:

Signature:
Name: Dr. S. D. Lokhande
Designation: Principal,
SCOE, Vadgaon (Bk), Pune

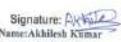
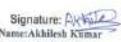
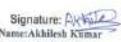
Signature:
Name: Mr. Jeevrao Katarava
Designation: Director
SPJ Embedded Technologies Pvt. Ltd

SPJ Embedded Technologies Pvt. Limited is a leading electronics product design, development and services company. The professionals with industrial experience in embedded technology, real time software, process control and industrial electronics held the company which was formed in 1992. The company is a pioneer in design and development of Single Board Computers, Compilers for micro-controllers within India. Talented professional in the field of embedded hardware, software design and development toil to reach its excellence.

Objectives of the MOU: To impart practical approach in programming of Embedded Linux, to enhance the Embedded C programming skills required in Embedded system design, to acquire knowledge about current technological developments in relevant field and to channelize development with respect to academic qualifications and personal matters by conducting short term training programs and guest lectures.

Memoranda of Understanding

MOU WITH INSTITUTE OF EMBEDDED AND ROBOTICS RESEARCH, PUNE (TRAINING DIVISION OF CAMPUS COMPONENT PVT. LTD.)

| | | | | |
|--|---|--|---|---|
| <p>Singhad College of Engineering(SCOE,Pune) Vadgaon(Bk),Pune AND Institute Of Embedded And Robotics Research(IERR) (Training Division of Campus Component Pvt. Ltd.) PARTNERSHIP AGREEMENT/MOU TECHNOLOGY OUTREACH PROGRAM VALUE ADDED COURSE ON EMBEDDED SYSTEM AND ROBOTICS</p> <p>PARTIES INVOLVED</p> <table border="1"><tr><td>SCOE, Vadgaon(Bk),Pune</td><td>IERR, Pune</td></tr></table> <p>PRODUCTS INVOLVED:</p> <p>Institute of Embedded and Robotics Research: It is domestic firm formed by group of alumni from prestigious institutes of India to spread the emerging field of robotics and embedded system in India. By developing the interest of young mind towards robotics and embedded system we aim to bring another revolution after information technology. Team IERR has very vast experience in the field of robotics and has received various awards and recognition at national as well as international level.</p> <p>Singhad College of Engineering(SCOE,Pune) Singhad College of Engineering (SCOE) was established in the year 1966 - 1997 offering 4 - years degree courses in Information Technology, Computer, Electronics & Telecommunication, Mechanical, Chemical, Civil Engineering and Production Engineering. All the above courses are approved by All India Council Of Technical Education (AICTE).</p> | | SCOE, Vadgaon(Bk),Pune | IERR, Pune | |
| SCOE, Vadgaon(Bk),Pune | IERR, Pune | | | |
| <p>2. Should fail (S.C.O.E) Vadgaon(Bk) to provide the promised deliverables, IERR reserve the right to terminate any of its deliverables promised by it to (S.C.O.E.) Vadgaon(Bk) with prior notice.</p> <p>3. Financial transactions once completed will not be refunded.</p> <p>4. Any dispute arising will be settled amicably & if not in court of law.</p> <p>Validity: This agreement will be valid for 1 year from the date of signing.</p> <p>Declaration: I hereby agree to all the terms and conditions put in the above mentioned partnership agreement by Institute of embedded and robotics research and Singhad College of Engineering (S.C.O.E.) Vadgaon(Bk).</p> <p>Date: 25/06/2012</p> <table><tr><td> Signature: Name: Dr. S.D. Lokhande Designation: Principal S.C.O.E. Vadgaon(BK)</td><td></td><td>Signature:  Name: Akhlesh Kumar Designation: Director Campus Component Pvt.Ltd.</td></tr></table> | |  Signature: Name: Dr. S.D. Lokhande Designation: Principal S.C.O.E. Vadgaon(BK) |  | Signature:  Name: Akhlesh Kumar Designation: Director Campus Component Pvt.Ltd. |
|  Signature: Name: Dr. S.D. Lokhande Designation: Principal S.C.O.E. Vadgaon(BK) |  | Signature:  Name: Akhlesh Kumar Designation: Director Campus Component Pvt.Ltd. | | |

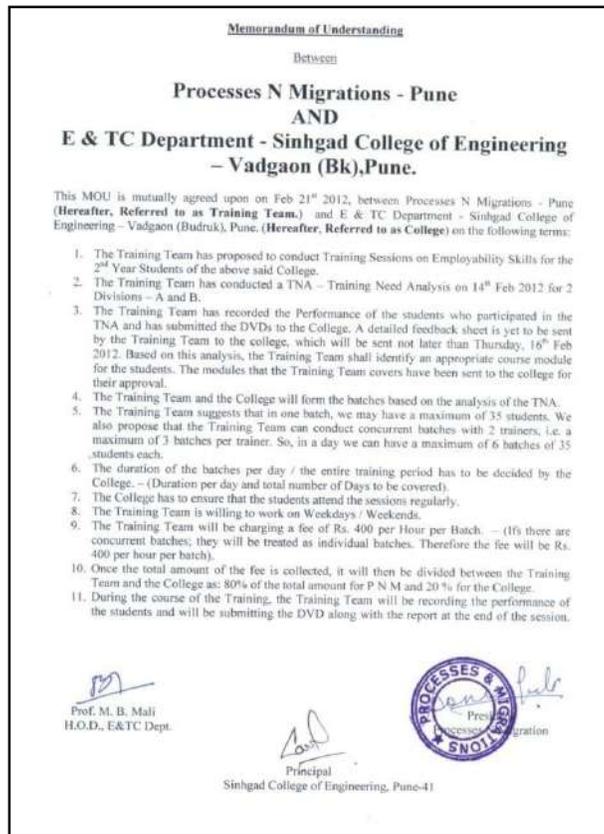
Campus Component, established in the year **2010** is one of the leading distributors and exporters of a vast collection of Industrial Robotics and Electronic Products. The company is well known for its fine range that comprises of Thermal Printer, Wireless Modules, Simcom GSM GPRS Module, Raspberry PI, Antenna, Zigbee Chip, XBee Module, SMA Connector, Wi-fi Module, Sim Card Holder, Banana Pi, LCD & LED. It provides supreme quality and operationally fluent products and make use of quality grade raw materials procured from reliable and trustworthy vendors for manufacturing the entire range. In addition, it ensures that all the predefined industrial standards and norms are followed during the production process and post-production.

Institute of Embedded and Robotics Research (IERR) is an institute which conducts workshops for college students in the domain of Embedded Systems and Robotics.

Objectives of the MOU: To enhance the teaching and other skills of faculty, to make them aware of modern teaching tools and methodologies, to acquire knowledge about current technological developments in relevant fields, to channelize development with respect to academic qualifications and personal matters by conducting guest lectures and training programs. IERR to conduct a workshop on robotics in SCOE and provide research as well as corporate internship opportunities, discounts on all future workshops and training programs from IERR and training material (CDs) to participants

Memoranda of Understanding

MOU WITH PROCESSES N MIGRATION, PUNE



Process N Migration, Pune are a team of trainers who specialize in enhancing employability skills of students after identifying the training needs of the students.

Objectives of the MOU: This MoU was signed to conduct training sessions on Employability skills for SE students.

Activities Conducted: The training team of Process N Migration had conducted Training Need Analysis by conducting a session with SE students.

Memoranda of Understanding

MOU WITH GETSETSMART EDUTECH PVT. LTD.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is made and entered into at Pune, India as of 11 / 07 / 2016 (the "Effective Date"), by and between:

GetSetSmart EduTech Private Limited with an address at **2nd floor, 991 & 992, 5th main, 7th sector, HSR Layout, Bangalore, Karnataka - India. 560034**, hereinafter referred to as "**First Party**", unless explicitly stated, which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns.

AND

Sinhgad College of Engineering with an address at **S. No. 44/1, Vadgaon Budruk, Off. Sinhgad Road, Pune, Maharashtra 411041**, hereinafter referred to as "**Second Party**", unless explicitly stated, which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns.

INTRODUCTION:

1.1 GetSetSmart EduTech Private Limited is a start-up, incorporated in the India and working in the area of E-learning software and instruction design. Mr. Mangesh Bhalerao is an alumnus of Sinhgad College of Engineering one of the owners and Chief Executive officer of GetSetSmart EduTech Private Limited.

1.2 GetSetSmart EduTech Private Limited is planning to develop its E-learning Web and Mobile platform. For that GetSetSmart EduTech Private Limited is looking to expand its team of software developers and instruction designer. Therefore, GetSetSmart EduTech Private Limited is requesting

For the Second Party:

Dr. S. D. Lokhande
Principal
Sinhgad College of Engineering, Pune
44/1, Vadgaon (Bk), Off Sinhgad Road,
Pune - 411 041
Phone: (020) 24354705
Email: principal.scoe@sinhgad.edu

The Parties are entering into this MOU in good faith and will execute the agreed upon steps to the best of their abilities. The Parties will have no claim whatsoever on each other as a result of this MOU. They cannot hold each other liable for any claim whatsoever resulting from this MOU except for the terms stated above.

The parties hereto have duly executed this MOU as of the Effective Date.

GetSetSmart EduTech Pvt. Ltd.
Name: MANGESH BHALERAO
Title: CHIEF EXECUTIVE OFFICER
Date:

Sinhgad College of Engineering
Name:
Title:
Date:



GetSetSmart Edutech Pvt. Ltd. is a start up incorporated in India and working in the area of E-learning software and instruction design. GetSetSmart is planning to develop its e-learning web and mobile platform.

Objectives of the MOU: To conduct seminars, workshops for faculty of SCOE and to provide consultancy and support to students for projects.

Memoranda of Understanding

MOU WITH CREDILLA FINANCIAL SERVICES PVT. LTD.

| | | |
|--|---|--|
|  Sinhgad Institutes | SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ENGINEERING [Affiliated to Savitribai Phule Pune University & Approved by AICTE (ID No. PUPNEngg/116 (1996))] S. No. 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune - 411 041. Tel. : 020 - 2435 4705 Fax : 020 - 2435 7243 | Website: www.sinhgad.edu E-mail : principal.scoe@sinhgad.edu |
| Prof. M. N. Navale M.E. (Elect), MIE, MBA Founder-President | Dr. (Mrs.) Sunanda M. Navale B.A., M.P.M., Ph.D. Founder - Secretary | Dr. S. D. Lokhande M.E., Ph.D. (Electronics Engg) Principal |
| Date: 30-12-2015 | | |
| Memorandum of Understanding (MoU) This Memorandum of Understanding is between Credila Financial Services Pvt. Ltd. and SCOE (E&TC) for Sinhgad Karandak 2016. | | |
| About Sinhgad Karandak कारण्डाक is an annual college fest organized by Sinhgad Institutes and it encompasses two events: Neon- Pune's hottest Cultfest and Techtonic- the Techfest. In January 2016, students in huge numbers, from all over India are expected to throng to the magical venue of the illustrious Sinhgad Institutes campus in Pune for these events. What started off as an inter campus event has now grown into one of the most liked student events in the city. This year we intend to make it even bigger. | | |
| Deliveries by SCOE: 1. Providing a desk (not a booth or canopy) for Techtonic (13th-16th Jan 2016) 2. Logo of Credila Financial Services Pvt. Ltd. for campaigning of Techtonic, 2016. 3. Seminars (15 minutes, in class) of Mech, EnTC, Comp and IT departments. 4. Posters during event in campus (Printed by Credila Financial Services Pvt. Ltd.) | | |
| Deliveries by Credila Financial Services Pvt. Ltd. This Memorandum states that Credila Financial Services Pvt. Ltd. has agreed to give a sum of INR 10000 in the form of sponsorship, to SCOE (E&TC) for Karandak '16. | | |
| Condition- Credila Financial Services Pvt. Ltd. will maintain academic discipline during the seminars. | | |
|  Mule S. B Karandak 16 Sponsorship Coordinator (E&TC) |  M. B Mali HOD (E&TC) |  Rahul Erdetin Credila Financial Services Pvt. Ltd |

Credila Financial Services is a Subsidiary of Housing Development Finance Corporation Limited (HDFC) Housing Development Finance Corporation Limited is one of the leading financial services companies of India. Credilla's objective is to be India's leading Originator/Lender and servicer of student loans.

Objectives of the MOU: To sponsor events during Sinhgad Karandak

Activities Conducted: Credila Financial Services had provided a sponsorship for Techtonic – The Techfest.

Memoranda of Understanding

MOU WITH JAMBOREE, PUNE

| | | |
|--|--|---|
|  Sinhgad Institutes | SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ENGINEERING [Affiliated to University of Pune & Approved by AICTE (ID No. PU/PN/Engg./116 (1996)] S. No. 44/1, Vadgaon (Bk.), Off Sinhgad Road, Pune - 411 041. Tel. : 020 - 2435 4705 Fax : 020 - 2435 7243 Website : www.sinhgad.edu E-mail : principal.scoe@sinhgad.edu | |
| Prof. M. N. Navale M.E. (Elect.) MIE, MBA Founder - President | Dr. (Mrs.) Sunanda M. Navale B.A., M.P.M., Ph.D. Founder - Secretary | Dr. S. D. Lokhande M.E., Ph.D.(Electronics Engg.) Principal |
| Date: 29-12-2015 | | |
| Memorandum of Understanding (MoU) | | |
| This Memorandum of Understanding is between Jamboree and SCOE (E&TC) for Sinhgad Karandak 2016. | | |
| About Sinhgad Karandak Karandak is an annual college fest organized by Sinhgad Institutes and it encompasses two events: Neon- Pune's hottest Cultfest and Techtonic- the Techfest. In January 2016, students in huge numbers, from all over India are expected to throng to the magical venue of the illustrious Sinhgad Institutes campus in Pune for these events. What started off as an inter campus event has now grown into one of the most liked student events in the city. This year we intend to make it even bigger. | | |
| Deliveries by SCOE: 1. Providing a desk (not a booth or canopy) for Techtonic (13th-16th Jan 2016) 2. Logo of Jamboree for campaigning of Techtonic,2016. 3. Seminars (15 minutes, in class) of Mech, EnTC, Comp and IT departments. 4. Posters during event in campus (Printed by Jamboree). | | |
| Deliveries by Jamboree This Memorandum states that Jamboree has agreed to give a sum of INR 10000 in the form of sponsorship, to SCOE (E&TC) for Karandak '16. | | |
| Condition- Jamboree will maintain academic discipline during the seminars. | | |
|  Mule S. B Karandak16 Sponsorship Coordinator(E&TC) |  M. B Mali HOD (E&TC) |  Sunil Hadimani JAMBOREE |

Jamboree is the oldest institute in India and the best of its kind, which offers comprehensive classroom preparation programs for tests such as GMAT, GRE, SAT, TOEFL and IELTS

Objectives of the MOU: To sponsor events during Sinhgad Karandak

Activities Conducted: Jamboree had provided a sponsorship for Techtonic – The Techfest of SCOE.

Memoranda of Understanding

DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF MOU

| Sr. No. | Name of the Industry/Institution |
|----------------|---|
| 1 | IFS Academy, Pune |
| 2 | Geometric Limited, Pune |
| 3 | M/s Nichrome India Limited, Pune |
| 4 | Thermax Limited, Pune |
| 5 | Greaves Cotton Limited, Pune |

DETAILS OF MOU

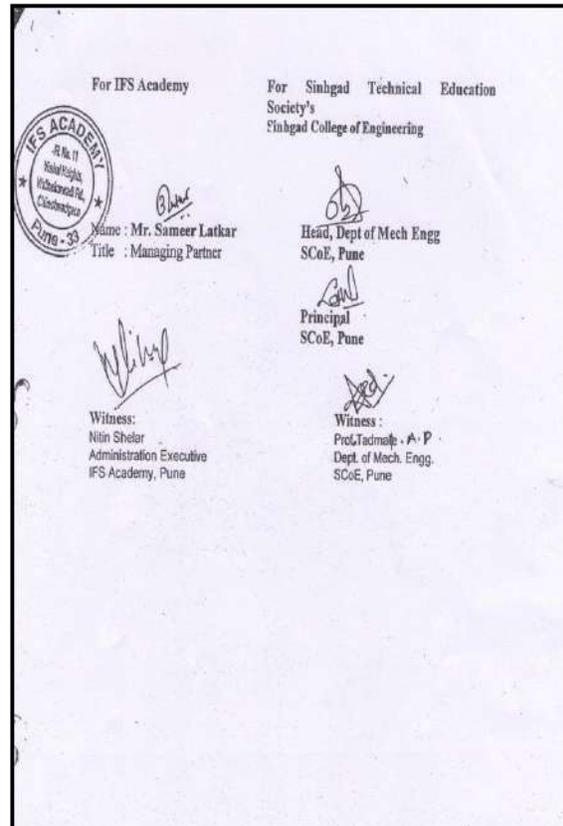
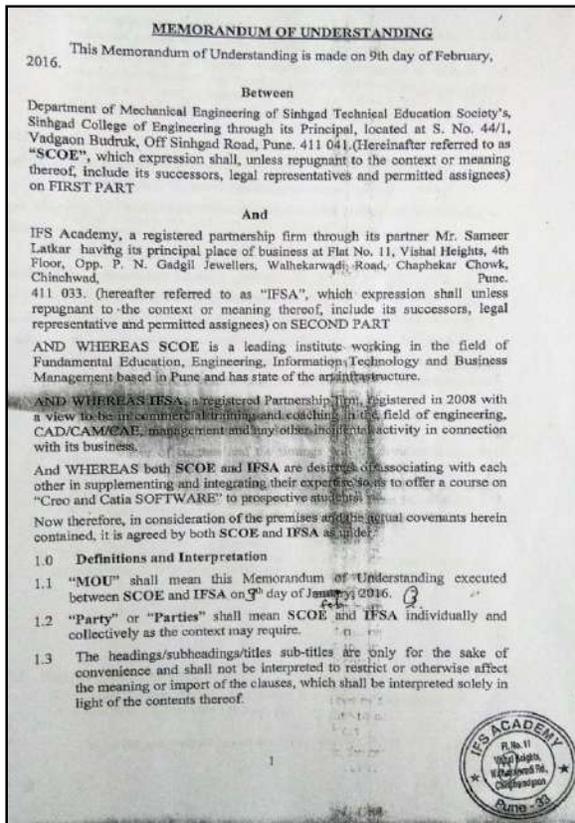
| Sr. No. | Name of Organisation / Industry | Name of Contact Person | Name of Staff / Single Point of Contact (SPOC) | Domain of MOU | Date of Signing MOU | Duration |
|----------------|--|---|---|--|----------------------------|-----------------|
| 1 | IFS Academy, Pune | Mr. Sameer Latkar, Managing Partner | Prof. A. P. Tadamalle | Guest Lecture, Project Sponsorship, Industrial Visit, Internship | 09/02/2016 | 1 Year |
| 2 | Geometric Limited, Pune | Mr. Swadhin Bhide, Head – Products and Technologies | Dr. Y. P. Reddy | Guest Lecture, Project Sponsorship, Industrial Visit, Internship, Joint R&D, T&P activities, Consultancy | 08/10/2015 | Till Date |
| 3 | M/s Nichrome India Limited, Pune | Mr. Hemant Ogale, Managing Director | Prof. A. P. Tadamalle | Guest Lecture, Project Sponsorship, Industrial Visit, Internship, Joint R&D, T&P activities, Consultancy | 14/11/2014 | 3 Years |

Memoranda of Understanding

| | | | | | | |
|---|------------------------------|--|------------------------|--|------------|---------|
| 4 | Thermax Limited, Pune | Mr. Sudhir Sohoni, Executive Vice President HR, IR & Admin | Dr. A. B. Kanase-Patil | Guest Lecture, Project Sponsorship, Industrial Visit, Internship, Joint R&D, T&P activities, Training for Thermax Employees | 19/12/2007 | 3 Years |
| 5 | Greaves Cotton Limited, Pune | Mr. Sanjay Desai, HOD – R&D | Dr. C. S. Pathak | Guest Lecture, Project Sponsorship, Industrial Visit, Internship, Joint R&D, T&P activities, Consultancy | 28/05/2011 | 5 Years |

Memoranda of Understanding

MOU WITH IFS ACADEMY, PUNE



IFS Academy is Center of Excellence in CAD/CAM/CAE involved in Engineering Design and CAD/CAM/CAE training. It understands that the advance of engineering and technology is a prerequisite for development. Its wide range of domain experience paired with its customized delivery strategy responds to every need by offering individual, tailor-made training and not just packaged products. Its primary focus is on Skill Development of Mechanical Engineering students by arranging finishing school job oriented training programs for them. It is working on Vocational Training Programs of education through specific training programs, evolution of credit framework.

Objective of MOU: To enhance the skills of the students by conducting a course for students on CAD using Creo, CAD using Catia and CAE using ANSYS.

Memoranda of Understanding

MOU WITH GEOMETRIC LIMITED, MUMBAI

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made on 8th day of October, 2015

Between

Mechanical Engineering Department of STES' Sinhgad College of Engineering, an Engineering College run by Sinhgad Technical Education Society's, Pune-411 041 (hereinafter referred to as "SCOE", which expression shall, unless repugnant to the context or meaning thereof, include its successors, legal representatives and permitted assignees) on FIRST PART

And

Geometric Limited, a Company duly organized and existing under the laws of India having its registered office at Plant 11, 3rd Floor, Pirojhanagar, Vikhroli (W), Mumbai-400 079 (hereafter referred to as "Geometric", which expression shall unless repugnant to the context or meaning thereof, include its successors, legal representative and permitted assignees) on SECOND PART

AND WHEREAS, "SCOE" is among the noteworthy academic institutes of Pune offering UG and PG programs in Mechanical Engineering, Civil Engineering, Electronics and Telecommunication Engineering, Computer Engineering, Information Technology, Production Engineering, Chemical Engineering, Biotechnology and MBA.

AND WHEREAS, Geometric is a registered company, engaged in providing services related to the software engineering services, software training and the development, implementation and integration of computer software.

AND WHERE both "SCOE" and Geometric are desirous of associating with each other to expertise students of SCOE on Geometric's proprietary products (DFMPro and Geometric Stack up) as an addition to SCOE curriculum. Geometric will provide academic license of these products to SCOE ("Course").

Now therefore, in consideration of the premises and the actual covenants herein contained, it is agreed by both "SCOE" and Geometric as under:

1.0 Definitions and Interpretation

- 1.1 "MOU" shall mean this Memorandum of Understanding executed between SCOE and Geometric on 8th day of October, 2015.
- 1.2 "Party" or "Parties" shall mean SCOE and Geometric individually and collectively as the context may require.
- 1.3 The headings/subheadings/titles sub-titles are only for the sake of convenience and shall not be interpreted to restrict or otherwise affect the meaning or import of the clauses, which shall be interpreted solely in light of the contents thereof.
- 1.4 Use of words in the singular includes the plural and vice versa and the masculine gender includes the feminine where applicable.

LEGL-10401   Page 1

College Address
Sinhgad College of Engineering,
Sy. No. 44/1, Off - Sinhgad Road,
Vadgaon (Bk), Pune - 411041
Maharashtra, India
Phone: 020 24100234
E-mail Id: ypreddy.scoe@sinhgad.edu, hodmech.scoe@sinhgad.edu

14.2 Either Party may, from time to time, change its address or representative for receipt of notices or other communications provided for in this Agreement by giving to the other not less than 15 days prior written notice.

15.0 Entire understanding
This MOU expresses the whole agreement reached between the Parties. Consequently, this Agreement supersedes any previous letter or document of whatsoever nature exchanged between the Parties with respect to this Agreement.

16.0 Waiver
The waivers by one Party hereto of any default hereunder or of any covenant, agreement or condition contained herein shall not be construed to constitute a waiver of any other default or breach hereof whether similar or otherwise.

17.0 Amendment
No amendment to this MOU shall be valid and binding to the Parties unless it is made in writing and signed by authorized representative of all Parties to this Agreement.

In witness whereof the Parties have caused this Agreement to be executed by their duly authorized representatives on this 1st day of October, 2015.

For Geometric Limited **STES' Sinhgad College of Engineering**


Name: Swadhin Bhide
Title: Head - Products & Technologies


Name: Dr. S.D. Lokhande
Title: Principal


Witness: Ruchi Mishra
Deputy Manager - Legal


Witness: Dr. Y.P. Reddy
Head of Department - Mechanical Engineering

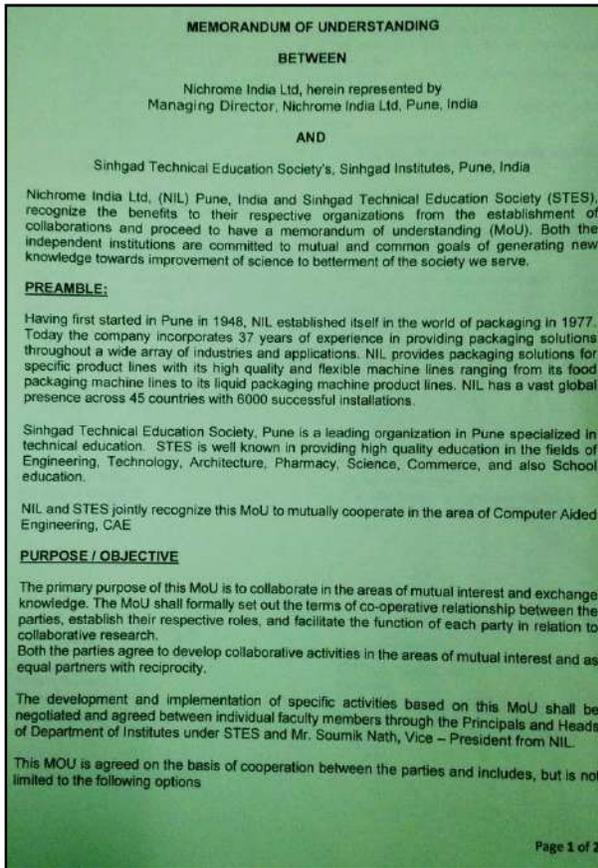
LEGL-10401  Page 5

Geometric is a specialist in the domain of engineering solutions, services and technologies. Its portfolio of Global Engineering services, Product Lifecycle Management (PLM) solutions, Embedded System solutions, and Digital Technology solutions enables companies to formulate, implement, and execute global engineering and manufacturing strategies aimed at achieving greater efficiencies in the product realization lifecycle.

Objectives of the MOU: To conduct workshops, guest lectures, sponsor projects, industrial visits, internship, joint research, consultancy and Training and Placement activities.

Activities Conducted: Two days workshop on DFMPro and Geometric Stack up was conducted in the Department of Mechanical Engineering

MOU WITH NICHROME INDIA LTD., PUNE



Having first started in Pune in 1948, **Nichrome** established itself in the world of packaging in 1977. Today the company incorporates 37 years of experience in providing innovative packaging solutions throughout a wide array of industries and applications. Nichrome provides packaging solutions for specific product lines with its high quality and flexible machine lines ranging from its food packaging machine lines to its liquid packaging machine product lines. Nichrome has developed a versatile range of machines that can meet the packaging specificities of a varied range of products. Nichrome has a vast global presence across 45 countries with 6000 successful installations. The company also has a large market presence in the packaging machines India sector with 8 offices. The company is a pioneer of the Vertical Form Fill Seal Machine and the aseptic pouch packing systems for the dairy and beverage industry and is poised to become a premium global brand offering end-to-end integrated packaging solutions.

Objectives of MOU: To collaborate in areas of mutual exchange knowledge.

Activities Conducted: Faculty from the Department of Mechanical Engineering and Department of Electronics & Telecommunication, have conducted technical sessions for the Employees of Nichrome.

MOU WITH THERMAX LIMITED, PUNE

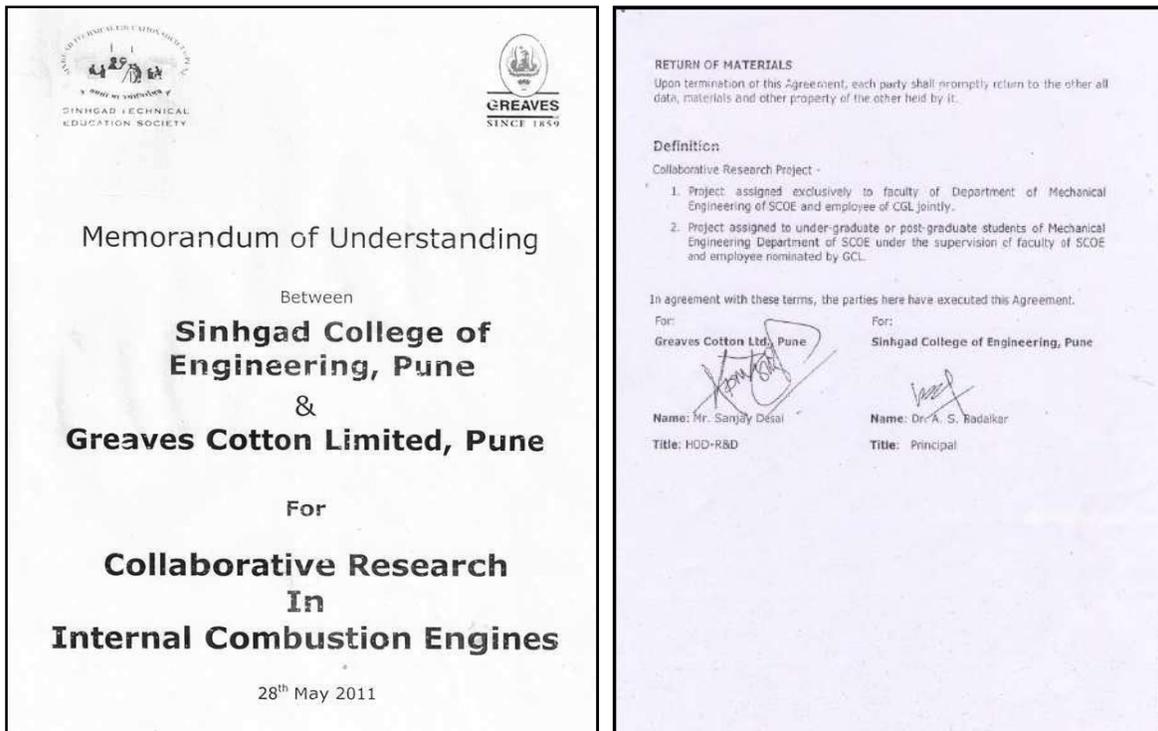


Thermax's energy efficient and eco-friendly technologies offer reliable business-to-business partnerships to respond to this critical challenge. They provide the competitive edge to customer enterprise to make its mark with superior offerings and community goodwill. Thermax Group is an INR 5516 crore company, providing a range of engineering solutions to the energy and environment sectors. They are headquartered in Pune, India and operate globally through 19 International offices, 12 Sales & Service offices and 11 manufacturing facilities - 7 of which are in India and 4 overseas. Their presence spans 75 countries across Asia Pacific, Africa and the Middle East, CIS countries, Europe, USA and South America. The group consists of 4 domestic wholly owned subsidiaries, 17 overseas wholly owned subsidiaries and 2 joint ventures. Tuning to the needs of the day, all there solutions are innovative, energy-efficient, environment-friendly and easy to operate.

Objectives of MOU: To collaborate in areas of mutual exchange of knowledge.

Activities Conducted: Technical courses have been conducted in the Department of Mechanical Engineering for the non-technical employees of Themax. Ltd.

MOU WITH GREAVES COTTON LIMITED, PUNE



Greaves Cotton Limited is one of India's leading engineering companies with core competencies in diesel & petrol engines, generator sets, and farm equipment. The company manufactures and markets a wide range of products covering these segments. Today, Greaves Cotton is a multi-product and multi-location company. Greaves sustains its leadership through seven manufacturing facilities which produce and provide parts through a network of marketing and service throughout the country. The manufacturing units are backed by in-house R&D centres. Greaves Cotton's wide range of industrial products meets the requirements of core sectors in India and abroad. The company's business operations are divided into various businesses structured to ensure maximum focus on each business area. These areas include engine business, product business, aftermarket business and international business. In the recent years, Greaves has made rapid strides towards globalization. The international business overseas business across the globe thereby widening the global footprint of the organisation. With its aftermarket support, Greaves Cotton has an extensive marketing and service network across India through regional and sales offices and over 1200 dealers, who keep the company in touch with its customers.

Objectives of the MOU: Collaborative Research Project for UG or PG students of Mechanical Engineering.

Memoranda of Understanding

DEPARTMENT OF BIOTECHNOLOGY

LIST OF MOU

| Sr. No. | Name of Industry/Institution |
|----------------|---|
| 1 | B.G.Chitale Dairy, Bhilawadi , Dist Sangali |
| 2 | KLE University |
| 3 | ICT (Former UDCT, Matunga) |
| 4 | Bioved Pharmaceuticals Pvt. Ltd. India. |
| 5 | RASA Life Sciences, Pune |

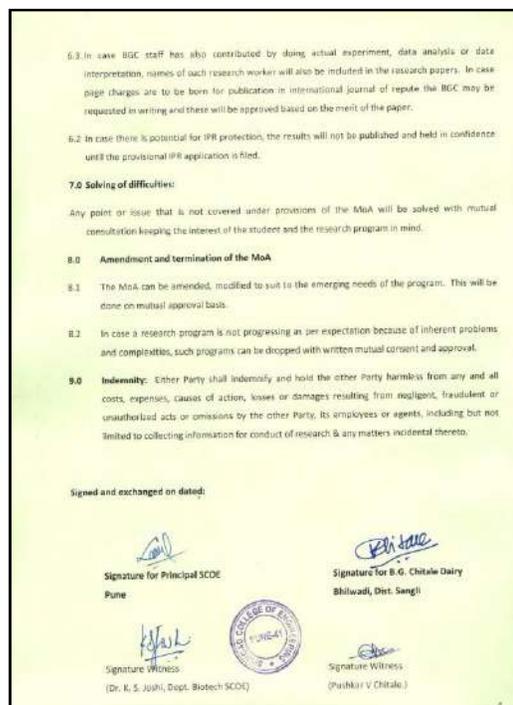
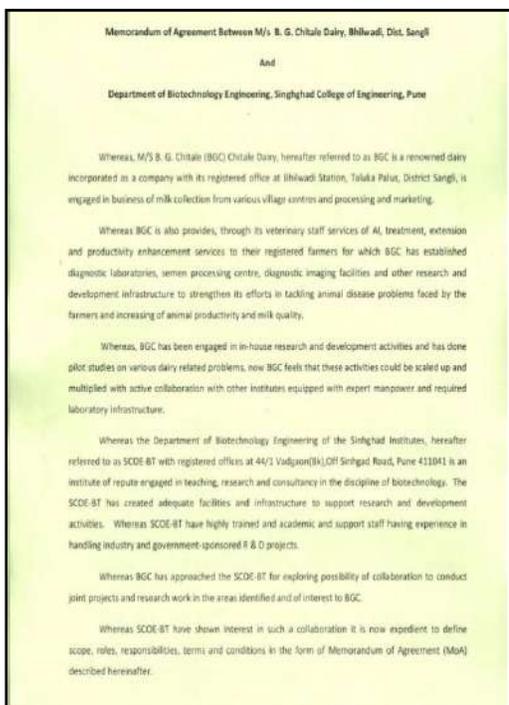
DETAILS OF MOU

| Sr. No. | Name Of Industry/Institute | Name of Contact Person | Name of Staff / Single Point of Contact (SPOC) | Domain Of MOU | Date of Signing MOU | Duration |
|----------------|---|---|---|---|----------------------------|-----------------|
| 1. | B.G.Chitale Dairy, Bhilawadi, Dist.- Sangli | Mr. Vishwas Chitale | Dr. K. S. Joshi | Industrial Visit, Internship, Joint R&D, Training & Placement | 15/07/2015 | 2 Years |
| 2. | KLE University | Dr.Sanjay kumar Mishra. Scientist II, KLE | Dr. K. S. Joshi | Joint R&D, Academic exchange | 28/08/2014 | 3 Years |
| 3. | ICT(Former UDCT, Matunga) | Dr. Rekha singhal rs.singhal@ictmumbai.edu.in | Dr. K. S. Joshi | Guest Lectures, Joint R&D | 07/01/2014 | 5 Years |
| 4. | Bioved Pharmaceuticals Pvt. Ltd. India. | Dr.Deepa Chitre Director dchitre@bioved.com | Dr. K. S. Joshi | Internship, Joint R&D, Training & Placement | 18/02/2014 | 2 Years |
| 5. | RASALife Sciences, Pune | Mr.Sameer Choudhary Director 020-65600408 | Mrs. S. S. Kulkarni | Workshops, Trainings, Joint R&D | 05/04/2012 | 3 Years |

Memoranda of Understanding

DETAILS OF MOU

MOU WITH B. G. CHITALE DAIRY, BHILWADI, SANGLI



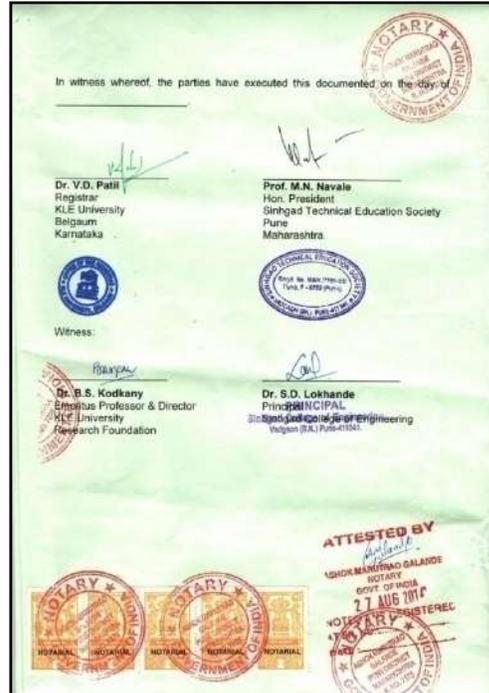
The **B.G. Chitale Group** is a dynamic and progressive conglomerate, with a tradition of foresight and excellence. Be it dairy and agro products or delicious Indian sweets & instant mixes, the group has spread its wings globally as a widely recognized brand. Chitale, a household name in Pune & cities across Maharashtra, has carved a niche for itself in various industry verticals. Dairy industry in India and several developing and underdeveloped countries enteric infections leading to clinical or subclinical diseases are quite common. With emergence of resistance to antibiotic alternate modes of therapies are receiving active considerations, health milk from hyper-immunized animals could be a potential candidate. In order to scale up and encourage farming-for-nutraceuticals there is need to address critical issues. The Department of Biotechnology will participate by undertaking following research work in the department laboratories: Antigen purification: Bacterial membrane protein antigens will be supplied for further purification; Raising of specific antibodies and preparation of affinity column; Developing 2- 3 step purification protocol; studies for scale up processes to purify commercial grade antigens etc.

Objectives of the MOU: To conduct Industrial visits and joint R&D projects, student internships, training & placement.

Activities conducted: Joint R&D projects for UG students

Memoranda of Understanding

MOU WITH KLE UNIVERSITY, BELGAVI



The KLE institute is striving to be among the top ten medical colleges in India in the spheres of medical education, research and health care services. Added to this 1000 bed Dr.Prabhakar Kore Charitable Hospital and three Primary Health Centres and one urban Health centre will be the epicenters of post graduate and under graduate training, wherein patients are treated free and exclusively meant for training the post graduate and under graduate in their basic knowledge and skills.The extreme shortage of medical facilities in the region, promoted the KLE Society to establish the Jawaharlal Nehru Medical College at Belgaum in 1963. The J N Medical College, Belgaum, stands testimony to the high professional standards aimed for and achieved by the KLE Society. Collaboration with KLE has helped in improving student’s academic and research aptitude. Ongoing research aims at ‘study the effect of micronutrient supplements during pregnancy and its effect in birth outcomes’. Study objectives are to supplement Vitamin B12 forms and study their efficacy during pregnancy & its effect on birth outcomes and to supplement Vitamin B12 along with Folate to increase ratio of B12: Folate during pregnancy and its effect on birth outcome measures.

Objectives of the MOU: To conduct joint R&D projects and have academic exchange program.

Activities conducted: Joint R&D projects for UG students

Memoranda of Understanding

MOU WITH INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI



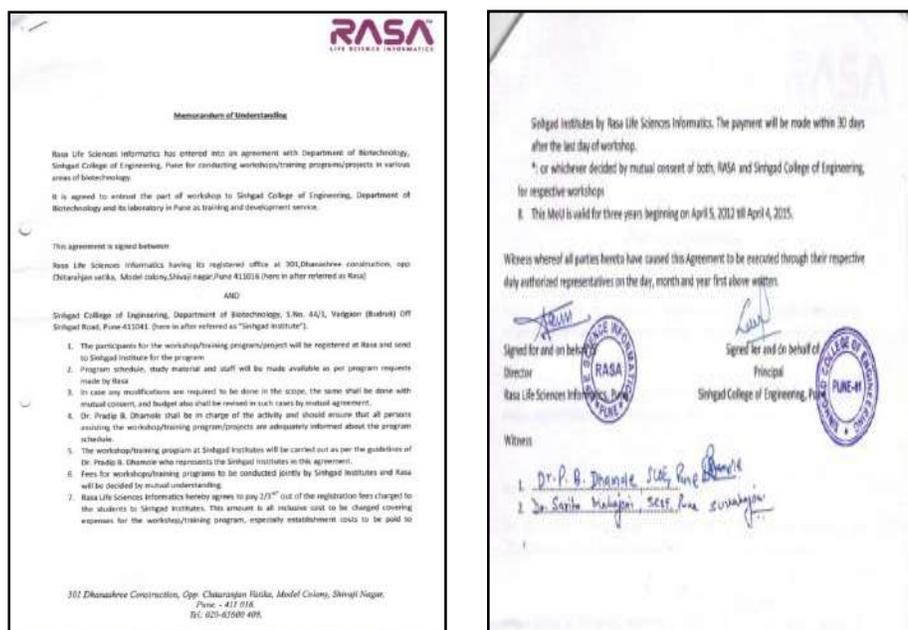
The **Institute of Chemical Technology (ICT) Mumbai** was established as the Department of Chemical Technology in 1933 by the University of Mumbai, through active support of industries and philanthropists. The Institute was most popularly known as UDCT, Mumbai. Research has been an integral part of ICT since its inception and it has created over 500 first generation entrepreneurs. The UDCT grew significantly in stature and was granted autonomy under UGC regulations by the University of Mumbai and further converted into an institute in 2002. Maharashtra government granted full autonomy to ICT in 2004. ICT was granted Deemed University status by MHRD in September 2008 with all provisions of the UGC for funding and support as the state owned deemed university. In collaboration with ICT, Matunga, faculties and students from Department of Biotechnology take part in exchange programmes, workshops. Eminent professors from various departments of ICT are called for guest lectures. Research projects include ‘Elucidating the gene-diet-disease interaction of polyunsaturated fatty acids’; ‘Biosynthesis of isoprenoids in *E. coli*’ etc.

Objectives of the MOU: To conduct guest lectures and Joint R&D projects

Activities conducted: Guest lectures have been conducted and there are ongoing R&D projects.

Memoranda of Understanding

MOU WITH RASA LIFE SCIENCES, PUNE



RASA Life Sciences is a leading CRO located in Pune which deals in providing the high quality R&D, services and training in the area of life science informatics like bioinformatics, Chemoinformatics and BIO-IT. It offers computational and IT solutions to biotechnology, pharmaceutical, chemical and life science institutes and industries. RASA also provides the corporate training to the companies like Wipro and conducts the National level practical oriented workshops in Chemoinformatics and bioinformatics comprising the various participants ranging from students, scientists to industrial persons. Students and faculties from the departments also keenly take part into various workshops organized in the field of molecular biology and bioinformatics.

Objectives of the MOU: To conduct guest lectures and Joint R&D projects

Activities conducted: Ongoing Research Project

Memoranda of Understanding

DEPARTMENT OF CIVIL ENGINEERING

LIST OF MOU

| Sr. No. | Name Of Industry |
|----------------|--|
| 1 | CADD Center, Pune |
| 2 | AppasahebPatwardhanSafai wParayavaranTantraniketan, Dehugaon |
| 3 | Construction Diagnostic Center, Pune |

DETAILS OF MOU

| Sr. No. | Name of Industry | Name of Contact Person | Name of Staff / Single Point of Contact (SPOC) | Domain of MOU | Date of Signing MOU | Duration |
|----------------|--|-------------------------------------|---|---|----------------------------|-----------------|
| 1 | CADD Center, Pune | Mr. K. S. Sarvanan Business Manager | Prof. L. A. Bhangale | To conduct unique systematic skills development programs for the students of the core Civil Engineering Branch, towards achieving the objective of maximizing the employment Opportunities for SCOE students. | 01/03/2013 | 4 Years |
| 2 | AppasahebPatwardhanSafai wParayavaranTantraniketan, Dehugaon | Dr. S. V. Mapuskar | Prof. S. S. Shastri | To work together in various projects like rural sanitation, betterment for environmental sanitation condition, organizing various training models. | 18/07/2013 | Till date |
| 3 | Construction Diagnostic Center, Pune | Mr. Ravi Ranade | Prof. Mrs. V. S. Limaye | Knowledge sharing, by arranging Guest Lectures, Technical support and Training facilities to the students for their project at B. E. Level, Recruitment facilities to Graduate students on different projects | 03/02/2015 | 3 Years |

Memoranda of Understanding

MOU WITH CADD CENTRE TRAINING SERVICES, PUNE

CADD Centre Training Services Private Limited
101, 1st Floor, Modi Plaza, Opp: Laxminarayan Theatre,
Swargate, Pune - 411 042 Phone No. 020 - 6522 0202 / 0303

CADD CENTRE
Driving Digital Design!

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding, dated the 28th Feb- 2013, is entered between Sinhgad College of Engineering, Pune Name & Address (hereinafter referred to as SCOE) represented by Dr. S. D. Lokhande , SCOE, and M/s. CADD Centre Training Services Pvt. Ltd., #101 Modi Plaza, Swargate, Pune 41 (hereinafter referred to as CADD Centre) represented by Mr.K.S.SARAVANAN, Business Manager.

SCOE - CADD CENTRE COLLABORATION OBJECTIVE:

Maximize placement opportunities for the students of core of Civil engineering and Project Planning & Management, by equipping them with industry specific skills and make them industry ready.

This Memorandum of Understanding is to conduct a Unique Systematic Skills Development Program for the students of the core engineering branch of Civil. Towards achieving the objective of maximizing the employment opportunities for SCOE students and to plan investments and instructors, this memorandum of understanding is being entered for the first batch, which can be further extended mutually.

The Memorandum of Understanding states the terms and conditions under which the Unique Systematic Skills Development Program shall be conducted by CADD Centre at the SCOE, and lists herein the respective responsibilities of both parties.

PREAMBLE:

For a student to be recruited by a good company, he/she is expected to have the following:

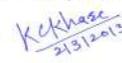
1. Strong Fundamental Engineering Knowledge
2. Engineering related Multiple Technical Skills - Develop skills that add value.
3. Project Management & Operational excellence - Learn & Acquire the Skills
4. Communication & other Soft Skills

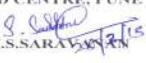
Engineering Knowledge will be provided by SCOE. CADD Centre will equip the core engineering branches students with the required industry specific technical and project management skills.



www.caddcentre.com

ON BEHALF OF
SCOE,
Pune.

- 1) Name, -Prof. Dr. S D Lokhande
Designation- Principal, SCOE
Signature- 
- 2) Name, -Prof. Dr. (Mrs). K . C . Khare
Designation- HOD (Civil Dept.)
Signature- 
- 3) Name, -Mr. Vishal Patil
Designation- Assistant Professor (Civil Dept.)
Signature- 
- 4) Name, -Mrs. Deepali Vaidya
Designation- Assistant Professor (Civil Dept.)
Signature- 

ON BEHALF OF
CADD CENTRE, PUNE

Mr.K.S.SARAVANAN
Business Manager
CADD CENTRE Training Services Pvt. Ltd.
101, 1st Floor, Modi Plaza,
Opp. Laxminarayan Theatre Pune-411 042



CADD Centre Training Services is the training arm of the 28 year old CADD Centre Group, head quartered at Chennai, India. It is the only company which provides offers an end-to-end solution to CAD users, specialise in Computer Aided Design (CAD), Computer Aided Engineering (CAE), and Computer Aided Manufacturing (CAM) with our wings spread across the globe. The company has developed 520 franchise outlets across 24 countries in the last 28 years; CADD Centre has excelled in training over 1 Million engineers, graphic artists and management professionals, who are employed globally. The aim of the company is to provide with passion, integrity, expertise and teamwork, the training and course that works best for students and trainee. The unique thing about the institute is market-focused courses and industry-trained faculty would give the edge that is needed and the courses are constantly updated with industry inputs on CAD, CAE, Graphics and Project Management.

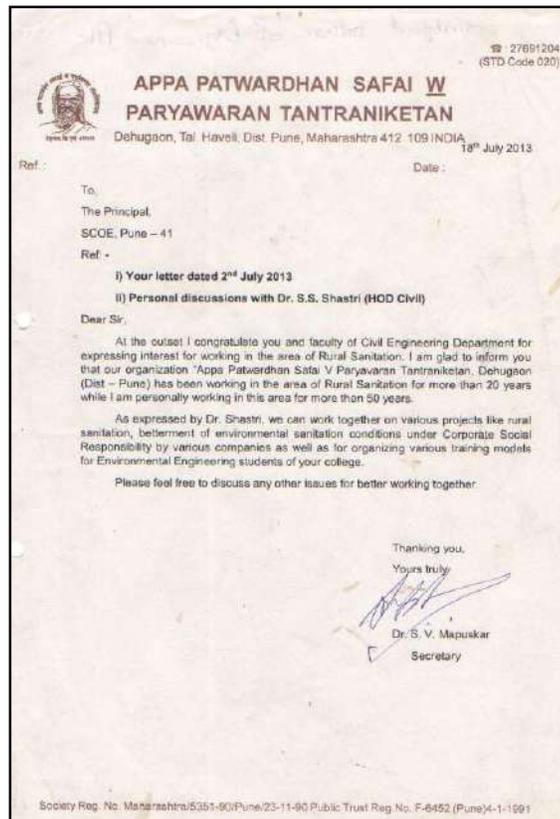
CPD team strives in

- Presenting content logically with more emphasis on graphical representation
- Incorporating a syllabus, prepares the study guide and workbook
- Using relevant examples to ensure that students have more hands-on practical.

Objectives of the MOU: To conduct unique systematic skills development programs for the students of the core Civil Engineering Branch, towards achieving the objective of maximizing the employment Opportunities for SCOE students

Memoranda of Understanding

MOU WITH APPA PATWARDHAN SAFAAI W PARYAWARANTANTRANIKETAN



AppaPatwardhanSafaai w ParyawaranTantraniketan is an NGO situated in Village Dehu, Tal. Haveli. The organization is actively involved in providing project management consultancy (PMC) for various onsite sanitation solutions for waste management. Decentralized On Site Integrated Waste Management (DOSIWAM) is the system developed by APSPTN. The founder (Late) Dr. S. V. Mapuskar was instrumental in developing & implementing these systems particularly in peri urban or rural areas. Through this MoU, feasibility studies have been carried out to check the feasibility of these systems under different circumstances.

Objectives of the MOU: To work together in various projects like rural sanitation, betterment for environmental sanitation condition, organizing various training models.

Activity Conducted: as a part of ongoing mou, the department is actively involved in carrying out optimization studies & feasibility studies of modifications to dosiwam to make it more generic as well as efficient. The department has **filed 04 patents** till date, based on the r&d work being carried out jointly.

Memoranda of Understanding

| Sr. No | Name of The Project | Description | Photographs |
|---|---|--|--|
| 01 | Feasibility study of grey water management in rural areas by using low cost material and modified flow pattern in stabilization ponds | The basic flow pattern in stabilisation tank in DOSIWAM has been used for grey water management in rural areas. It's possible to treat the grey water and further use the ponds for pisciculture which will act as an additional income source for the villagers for economical & social upliftment. |  |
| 02 | Feasibility study of modified stabilization tanks in circular pipes for treatment of grey water / sewage from urban areas. | The use of circular pipes for treatment of grey water / sewage is found to be techno economically feasible. The pipes can be pre cast and thus, utmost quality control is possible. |  |
| QUALITY OF TREATED WATER FROM THE SYSTEM | | |  |

Memoranda of Understanding

| | | | |
|--|---|--|--|
| 03 | Feasibility study of modified flow pattern in non perennial rivers for online treatment of polluted river water, case study: river Mutha. | The non point sources discharging wastewater in non perennial rivers can be partially treated by the modified zigzag flow pattern online. This will reduce pollution atleast by 60 to 70% thus reducing the burden on the downstream users. |  |
| <p>QUALITY OF TREATED WATER FROM THE SYSTEM</p> | | |  |
| 04 | Study the feasibility of use of treated grey water in concrete for checking the chemical, mechanical and durability parameters | Reducement / replacement of potable water for casting and curing of concrete industry by maintaining the chemical composition, workability criteria, mechanical properties, strength and durability parameter as a need of today's era as a sustainable and ecofriendly concrete |  <p align="center">Water Permeability test setup</p> |

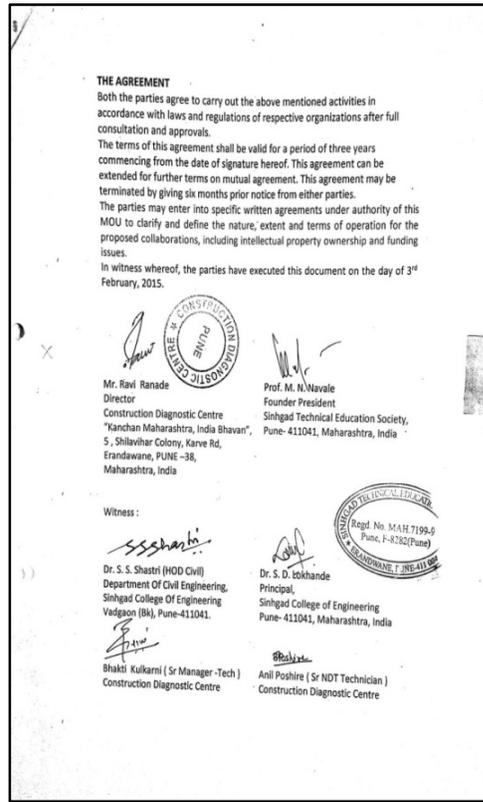
Memoranda of Understanding

Fresh Concrete mixed by using treated grey water with a proper water content giving an adequate compaction factor and workability resulting into less voids ratio.



Slump Cone & Flow Table test for checking workability

MOU WITH CONSTRUCTION DIAGNOSTIC CENTRE, PUNE



Construction Diagnostic Center is founded and headed by Mr. Ravi Ranade, a Structural Engineer and a professional Consultant having more than 27 years of practical experience in the field of Structural Design, Structural Audit, Non Destructive Testing, Material testing, Concrete Technology, Earthquake Engineering, Repair & Rehabilitation, Quality Control and Quality Audit. A recipient of the prestigious ‘ SirVishwesharaiya Centenary Award – 2000’ Construction Diagnostic Centre (CDC) is a consultancy & a construction material testing laboratory offering Non Destructive / Material Testing (NDT), Quality Control, & Repair / Rehabilitation Consultancy services.

Objectives of the MOU: Knowledge sharing, by arranging Guest Lectures, Technical support and Training facilities to the students for their project at B. E. Level, Recruitment facilities to Graduate students on different projects

Activity Conducted: few PG projects in the field of non-destructive testing, structural health monitoring is recently started. However, looking at the need of structural health monitoring of old heritage buildings and bridges, the MOU will be very fruitful.

Memoranda of Understanding

DEPARTMENT OF CHEMICAL ENGINEERING

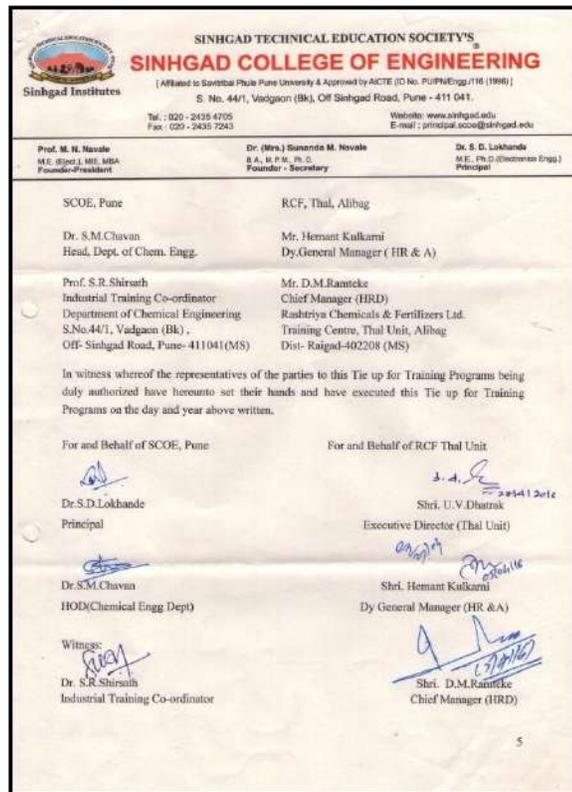
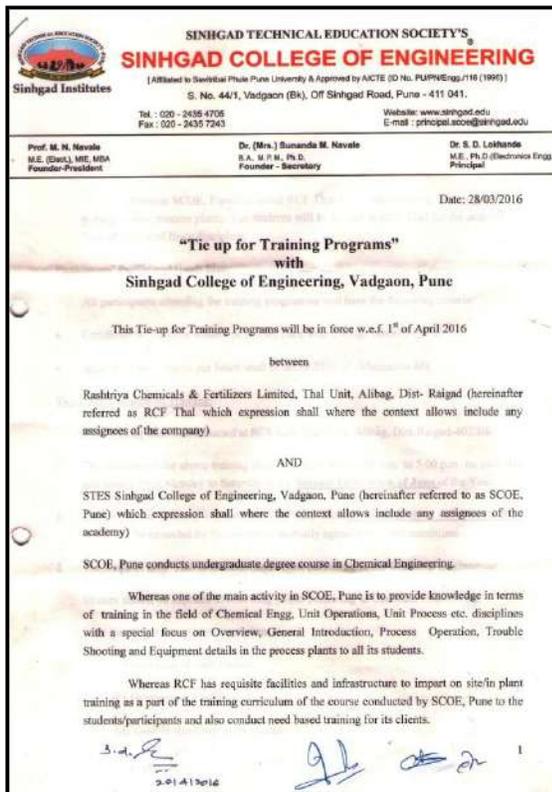
LIST OF MOU

| Sr.No. | Name of the Industry/Institution |
|---------------|--|
| 01. | Rashtriya Chemicals & Fertilizers, Chembur, Mumbai |
| 02. | Praj Industries Ltd., Pune |
| 03. | Honeywell Automation India Ltd., Pune |

DETAILS OF MOU

| Sr. No. | Name of Industry | Name of Contact Person | Domain of MOU | Name of Staff / Single Point of Contact (SPOC) | Date of Signing MOU | Duration |
|----------------|--|-------------------------------------|-------------------------------------|---|----------------------------|-----------------|
| 1 | Rashtriya Chemicals & Fertilizers, Chembur, Mumbai | Mr. D.M. Ramteke, Chief Manager R&D | Industrial Training for UG Students | Prof. Dr. S.R. Shirsat | 28/03/2016 | 1 Year |
| 2 | Praj Industries Ltd., Pune | Mr. Balu Sharma, President & CTO | Consultancy | Prof. Dr. S.M. Chavan | 19/04/2010 | 2 Years |
| 3 | Honeywell Automation India Ltd., Pune | Prasad Kodolikor | Conduction of Simulation Course | Prof. Dr. S.M. Chavan | 26/06/2007 | 10 Years |

MOU WITH RASHTRIYA CHEMICALS AND FERTILIZERS



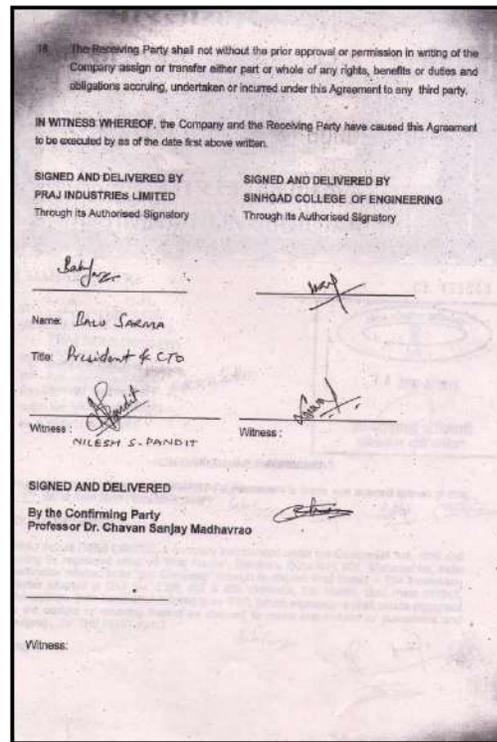
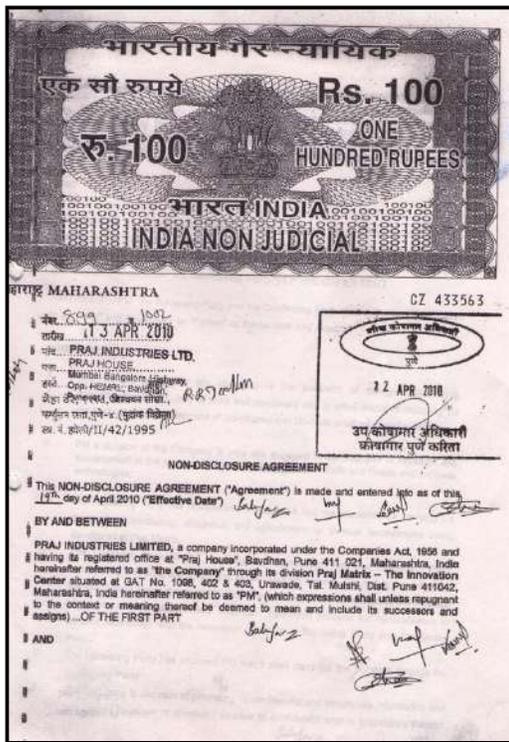
Rashtriya Chemicals and Fertilizers Limited is a public sector company which is contributing to the process of nation building by manufacturing and marketing fertilizers and chemicals to fulfill the objectives of growth, profits and sharing social responsibilities across the cross section of the company. RCF has been a pioneer and technology leader in the computerization of business transactions. It was the first fertilizer plant in India to install an IBM 1401 computer system. In 1970, 16 years later, it introduced on-line commercial applications the likes of which were in use only in elite International Organizations. Today, these on-line application cover areas of operation like Financial Accounting, Purchasing, Inventory Control, Stores, Personnel, Wages, Marketing and Production Information. All these transaction are catered to by on-line menu driven options that only update the corporate data base but also generate on-line transaction documents.

Objectives of the MOU: To provide ONE WEEK training to UG students to expose them to the following points: overview of Unit Operations, Overview of Unit Processes, Overview of pumps and compressors, Trouble shooting in plants, visit to the respective plants, conducting quiz and giving certificates to students completing the training program.

Activities Conducted: Every year a batch of 40 students from second year of Chemical Engineering undergo this training.

Memoranda of Understanding

MOU WITH PRAJ INDUSTRIES LTD., PUNE



Praj Industries Ltd., Pune is engaged in the business of design, engineering, manufacturing and supply of plant and machinery and in allied activities including bio-ethanols and bio-fuels production technologies. Praj Matrix is a division of the company engaged in the business of research and development in the areas of advanced bio-fuels, bio-chemicals and health and wellness technologies.

Objectives of the MOU: To carry out the process modeling, simulation and optimization of various technologies being developed by Praj Matrix.

Memoranda of Understanding

MOU WITH HONEYWELL AUTOMATION INDIA LTD., PUNE

Honeywell Automation India Limited
56 & 57, Hadapsar Industrial Estate,
Pune-411013 (India)
Tel : 91 20 66039400
Fax : 91 20 66039600
www.honeywellautomationindia.com

Honeywell

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and executed at Pune on this 26th day of June 2009.

BY AND BETWEEN

Honeywell Automation India Ltd., a company within the meaning of Indian Companies Act, 1956, and having its registered office at Nos. 56 & 57, Hadapsar Industrial Estate, Pune - 410 013, through its authorized representative Prasad Kodollikar, hereinafter referred to as "Honeywell" of the first part;

AND

Sinhgad College of Engineering, Pune is Government recognized private engineering education institution, having its registered office at S. No. 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune - 411 041, through its authorized representative Prof. A.S.Padalkar, Principal, SCOE, herein after referred to as "SCOE" of the second part.

WHEREAS Honeywell is a reputed manufacturer and trader of Electronic Security Products & Systems such as Intrusion alarm, VDP, Access control, CCTV and Fire Alarm Systems.

AND WHEREAS SCOE is amongst the first few engineering colleges in the private sector in Maharashtra. SCOE offers under graduate engineering studies in nine disciplines: Civil, Mechanical, Production, Bio-Technology, Electronics & Telecommunication, Computer, Information Technology, Chemical and post-graduate studies in five areas: Chemical, Mechanical, Electronics & Telecommunication, Civil and Computer engineering.

AND WHEREAS recognizing the need to strengthen the role of resources in area of simulation through provision of quality specialised training program in the area of

Honeywell

Above dates are subject to change by mutual consultation of both the parties.

15. SETTLEMENT OF DISPUTE
Any dispute between the parties shall always be resolved by mutual consultation without any resort to arbitration or other form of legal remedy including resort to court of law.

16. This Memorandum of Understanding will be effective up to three years beyond the projected time schedule.

By signing this MOU, both parties affirm their commitment to conduct the Simulation Course and achieve the objectives mutually agreed upon.
Signed at Pune on 26th day of June 2009

Sign and verified by
Honeywell Automation India Ltd

Sign and verified by
Sinhgad College of Engineering

Witnesses

1. Signature: [Signature]
Name: Manoj K. Joshi
Designation: Asst. Manager
Address: 56 & 57, Hadapsar Industrial Estate

2. Signature: [Signature]
Name: Prasad K. Kodollikar
Designation: Asst. Manager
Address: 56 & 57, Hadapsar Industrial Estate
IND. ESTATE

1. Signature: [Signature]
Name: Prasad K. Kodollikar
Designation: Principal
Address: SCOE, Pune

2. Signature: [Signature]
Name: Dr. Sachin M. Chavan
Designation: Professor in Head
Address: Chemical Dept SCOE Pune-41

Honeywell Automation India Ltd., Pune is engaged with Automation and Control Solutions, building and process solutions, environmental controls, line safety, security, sensing, scanning and mobility products. It is a reputed manufacturer and trader of Electronic Security Products and Systems such as Intrusion Alarms, VDP, Access Control, CCTV and Fire alarm Systems.

Objectives of the MOU: To provide the simulation software Unisim and conduct a course jointly with the faculty of the Department of Chemical Engineering and to give certification to the students successfully completing the course.

Activities Conducted: The simulation course was conducted for several years and various UG projects were carried out.

Memoranda of Understanding

DEPARTMENT OF INFORMATION TECHNOLOGY**LIST OF MOU**

| Sr. No. | Name of the Industry/Institution |
|---------|--|
| 1. | Infosys Limited, Bangalore |
| 2. | NVIDIA Corporation, Pune |
| 3. | Ritusha Consultants Pvt. Ltd. (Delivery Partner HP Education Services) |
| 4. | EMC ² |
| 5. | IGATE |

DETAILS OF MOU

| Sr. No. | Industry | Contact Person | Staff / Single Point of Contact (SPOC) | Domain of MOU | Date of signing MOU | Duration |
|---------|--|---|--|---|---------------------|----------|
| 1. | Infosys Limited | Mr. Anuj Jajoo 8554992656 | Mrs. R. S. Sonar | Guest Lectures FDP / STP Webinars Internship Project Sponsorship T&P activities | 11/02/ 2015 | 1 Year |
| 2. | NVIDIA Corporation | Mr. David Luebke, Ph.D. Sr. Director of Research | Dr. N. J. Uke | Assistance in CUDA and GPU related programming T&P activities | 31/10/ 2014 | 1 Year |
| 3. | Ritusha Consultants Pvt. Ltd. (Delivery Partner HP Education Services) | | Mr. D. V. Medhane | Summer Training Program | June 2014 | 1 Year |
| 4. | EMC ² | | Dr. N. J. Uke | FDP Student Training Program Guest Lectures | 03/11/ 2014 | 1 Year |
| 5. | IGATE | | Dr. N. J. Uke | FDP Student Training Program Guest Lectures | 07/03/ 2014 | 1 Year |

Memoranda of Understanding

MOU WITH INFOSYS TECHNOLOGIES LTD., PUNE

| | |
|--|--|
|  Memorandum of Understanding | In written whereof both parties put their hand seal on the day, month and year herein mentioned. |
| This Memorandum of Understanding ("MOU") is between Infosys Technologies Ltd. a company incorporated under the laws of India with its registered office at Electronics City, Hosur Road, Bangalore - 560 100, India (hereafter referred to as "Infosys"); and | Date: <u>03/03/2011</u> |
| <u>Sinhgad College of Engineering</u> an university / engineering college committed to educational excellence having its office at <u>So. No. 49/1, Vadgaon (BK)</u> | Place: <u>PUNE</u> |
| OR <u>Sinhgad Road, Pune - 411 041 (Maharashtra)</u> (hereafter referred to as "Partner"). | Name: <u>PAUJ. M. N. Navale</u> |
| RECITALS: | Designation: <u>Founder, President</u> |
| A. WHEREAS Partner has been established for the purpose of enriching the technical education process and to jointly work for enhancing the quality of education imparted to students of all the engineering disciplines in the field of Information Technology (IT). | Institute: <u>Sinhgad College of Engineering</u> |
| | Signature:  |
| | PRESIDENT Sinhgad Technical Education Society Pune - 411 041. |
| | Authorized Signatory For Partner |
| | Seal:  |
| | Authorized Signatory For Infosys |
| | Seal: |

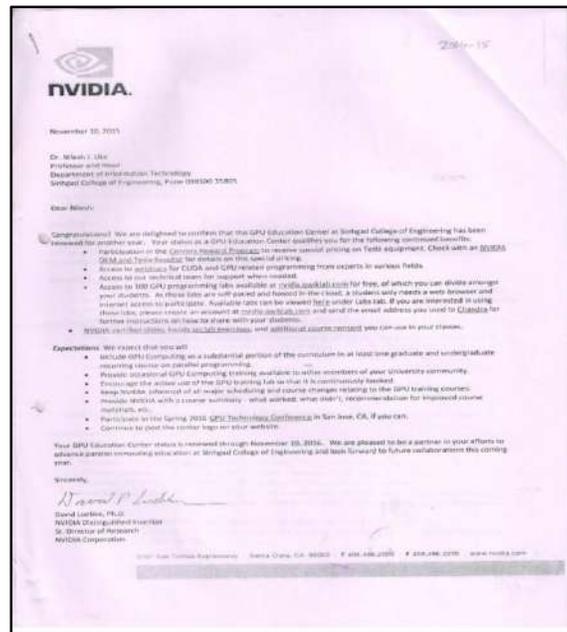
Infosys is a global leader in technology services and consulting. We enable clients in more than 50 countries to create and execute strategies for their digital transformation. From engineering to application development, knowledge management and business process management, we help our clients find the right problems to solve, and to solve these effectively. Our team of 190,000+ innovators, across the globe, is differentiated by the imagination, knowledge and experience, across industries and technologies that we bring to every project we undertake.

Objectives of the MOU: Enriching the technical education process and to jointly work for enhancing the quality of education imparted to students, related to the field of Information Technology, under the Campus Connect program which is an Infosys-Academia Partnership Program.

Activities Conducted: The Campus Connect program was conducted for the students of the Institute.

Memoranda of Understanding

MOU WITH NVIDIA CORPORATION, PUNE



NVIDIA is the world leader in visual computing. The GPU, its invention, serves as the visual cortex of modern computers and is at the heart of our products and services. Its work opens up new universes to explore, enables amazing creativity and discovery, and powers what were once science fiction inventions like artificial intelligence and autonomous cars.

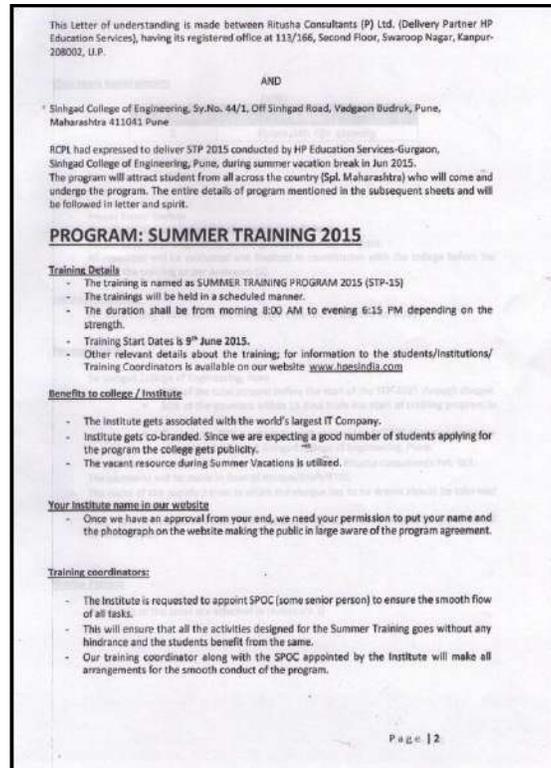
Beginning as a standard PC graphics chip company, NVIDIA has transformed into a specialized platform company that targets four very large markets — Gaming, Professional Visualization, Datacenter and Auto — where visual computing is essential and deeply valued. It is singularly focused on the field of visual computing with the ability to deliver our value through PC, mobile and cloud architectures. It is vertically integrated and bring together GPUs, system software, algorithms, systems and services to create unique value for the markets we serve.

Objectives of the MOU: To give assistance in CUDA and GPU related programming and training and placement activities.

Activities Conducted: Guest lectures on topics like HPC and Cloud computing, CUDA Programming, HPC cluster programming and CUDA open MP.

Memoranda of Understanding

MOU WITH RITUSHA CONSULTANTS PVT. LTD. (DELIVERY PARTNER HP EDUCATION SERVICES), KANPUR

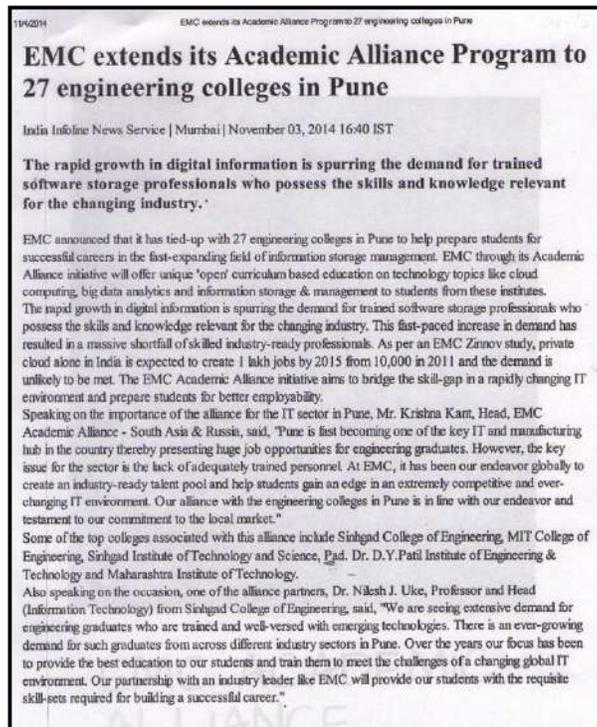


Ritusha Consultants Pvt. Ltd. is a delivery partner of **HP Education Services**. With ever changing technologies and methodologies, the competition today is much greater than ever before. The industrial scenario needs constant technical enhancements to cater to the rapid demands. If you are an engineering student or pursuing graduate or post-graduate level IT degree then you may have already heard the term “summer training”. These trainings are important because it is the best way to acquire and clear your concepts about your respective fields. HP, the largest IT Co. in the world, through its partner offers high quality courses for 4 and 6 weeks. Few courses in summer training program are Programming Techniques Using ‘C’, Network Management and Security, PHP, VLSI, VHDL and PCB design, Data Structures using ‘C’ language, Core JAVA, J2EE- With STRUTS framework, J2EE – STRUTS with Hibernate framework, Android, ASP.NET with C#, Embedded and Robotics – Basics, Embedded and Robotics – Advanced, ARM, LINUX administration with scripting, Project Management, IT Operations and services workshop, Advanced concepts of networking.

Objectives of the MOU: To conduct summer training program at the Institute for students.

Activities Conducted: Summer Training program for students

MOU WITH EMC², PUNE



As a member of the Dell Technologies unique family of businesses, Dell EMC serves a key role in providing the essential infrastructure for organizations to build their digital future, transform IT and protect their most important asset, information. Dell EMC enables enterprise customers' IT and digital business transformation through trusted hybrid cloud and big-data solutions, built upon a modern data center infrastructure that incorporates industry-leading converged infrastructure, servers, storage, and cybersecurity technologies.

Dell **EMC** brings together Dell's and EMC's respective strong capabilities and complementary portfolios, sales teams and R&D. It seeks to become the technology industry's most trusted advisor, providing capabilities spanning strategy development, consultative services and solution deployment and support to help customers and partners drive the digital transformation of their businesses.

Objectives of the MOU: To help students prepare for successful careers in the fast expanding field of Information storage management. Through its Academic Alliance Initiative to offer unique open curriculum based on technology topics like cloud computing, big data analytics and information storage and management.

Activities Conducted: Guest Lectures on HPC and Cloud computing, CUDA Programming, HPC cluster programming.

Memoranda of Understanding

DEPARTMENT OF COMPUTER ENGINEERING

LIST OF MOU

| Sr. No | Name of the Industry/Institution |
|---------------|---|
| 1. | Zensar Technologies, Pune |
| 2. | Persistent Solutions Ltd., Pune |
| 3. | mITU Skillologies, Nasik |

DETAILS OF MOU

| Sr. No. | Name of the Industry | Name of the contact person | Domain of MOU | Name of Staff/ Single Point of Contact (SPOC) | Date of signing MOU | Duration |
|----------------|---------------------------------|--|--|--|----------------------------|-----------------|
| 1. | Zensar Technologies, Pune | Mr. Nilesh Limaye | Training students in core software skills | Prof. Mhatre | 05/06/2014 | 3 Years |
| 2. | Persistent Solutions Ltd., Pune | Ms. Manjiri Ranade, Delivery Head Platform Solutions and Integration | Student projects, guest lectures, Faculty development programs, Industry visit | Prof. Jyoti Kulkarni | 01/07/2015 | 1 Year |
| 3. | mITu Skillologies, Nashik | Mr. Tushar Kute, Researcher | New subject areas in computer engineering | Prof. S.A. Joshi | 18/10/2016 | 3 Years |

Memoranda of Understanding

MOU WITH ZENSAR TECHNOLOGIES, PUNE

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING ("MOU") is made on this **26th** day of **May, 2014** BY AND BETWEEN:

ZENSAR TECHNOLOGIES LIMITED, a company incorporated under the provisions of the Companies Act, 1956, having its registered office at Zensar Knowledge Park, Plot # 4, MIDC, Kharadi, Off Nagar Road, Pune - 411014 (hereinafter referred to as "**Zensar**" which expression shall mean and include unless repugnant to the context or meaning thereof, its successors and permitted assigns) of the One Part.

AND

Sinhgad College of Engineering, an entity incorporated/registered under the provisions of the UGC act 1956, having its registered office at **Sinhgad College of Engineering, Vadgaon**, (hereinafter referred to as "**SCOE**") which expression shall mean and include unless repugnant to the context or meaning thereof, its successors and permitted assigns) of the Other Part.

Zensar and **SCOE** are hereinafter referred to individually as "Party" and collectively as "Parties".

1. PREAMBLE

WHEREAS Zensar is engaged in providing software solution and IT services globally.

WHEREAS **SCOE** is a leading educational institute affiliated to and approved by AICTE, India, offering courses in Engineering/Graduation.

WHEREAS Zensar as a part of its Corporate Social Responsibilities (CSR) activities desires to collaborate with **SCOE** for promoting special education and employment enhancing vocation skills (hereinafter referred to as "Programme") among children undergoing under graduation courses in engineering or any other discipline so as to attain them a level as expected by IT industry for job functioning.

WHEREAS **SCOE** has shown readiness to collaborate with Zensar for promoting the Programme and to provide all required infrastructure and its facilities as well for running and conduct of the Programme.

NOW THEREFORE, in consideration of the foregoing and the mutual covenants and promises contained herein and other good and valuable consideration the receipt and adequacy of which is hereby acknowledged, the Parties intending to be bound legally and agree as follows:

1. It is agreed between the parties that Zensar and **SCOE** shall work together on non-exclusive basis for the Programme mentioned hereon.

Page 1 of 1



IN WITNESS WHEREOF, the Parties hereto, each acting under due and proper authority, have executed this MOU as of the date written above

| | |
|---|---|
| FOR ZENSAR TECHNOLOGIES LIMITED | FOR Sinhgad College of Engineering |
|  |  |
| SIGNATURE | SIGNATURE |
|  |  |
| NAME: Nish Limaye Authorized Signatory 5 th June, 2014 | NAME: Dr. Pratik Khande Sinhgad College of Engineering Vadgaon (S.I.) Pune-411014 |

Zensar Technologies is an information technology services and infrastructure services provider with headquarters in Pune, India. Zensar has operations and a customer base spanning across 29 global locations.

Objectives of the MOU: Through This MoU Zensar Technologies collaborated with SCOE for promoting special education and employment enhancing vocation skills for engineering students so as to help them meet the expectations of the IT industry.

Activities Conducted: Training sessions conducted for students.

Memoranda of Understanding

MOU WITH PERSISTENT SYSTEMS LIMITED, PUNE (PERSISTENT CENTER OF EXCELLENCE)

PERSISTENT **Sinhgad Institute**

PERSISTENT CENTER OF EXCELLENCE

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is executed as of date **01-07-2015** ("Effective Date") between:

Party 1 : Persistent Systems Limited, a limited company registered in India, having its Registered Office at (Incorporated): 402, Senapati Bapat Road, Pune-411 016, INDIA, ("Persistent") and

Party 2 : Sinhgad Institute's Sinhgad College of Engineering (SCOE) with its principal office located at Pune ("Partner").

Whereas, Persistent is in the business of licensing software and providing software development services ("Persistent's solution").

Whereas, Partner is in the business of Academic Institute ("Partner's solution").

Whereas, both the Parties wish to work together to promote mutual business interest and this MOU sets forth the terms of their understanding.

- Objective:** The purpose of this MOU is to develop and expand a framework of cooperation and joint operations which will be henceforth called "The Center of Excellence" between Persistent and Partner to commence and progress towards a mutually beneficial engagement. This MOU seeks to crystallize the understanding of both parties as regards the mode of their engagement and define their roles, and responsibilities.
Both parties have mutually agreed to conduct the following activities under COE:
 - BE Projects
 - Guest lectures
 - Faculty Development program
 - Industry visit
- Responsibilities of College**
 - Nominate a Single point of contact (SPOC) to support the activity from college side.
 - Provide a minimum of 25 students for the COE activity.
 - Ensure necessary logistic, infrastructural and academic support (through teaching faculty) to conduct the COE activities.

Persistent Confidential Page 1 of 4

PERSISTENT SYSTEMS LTD. **Sinhgad College of Engineering Pune (PARTNER)**

Manoj Parate *Dr. S. D. Lekhande*

Signature _____ Signature _____

Name - Mr. Manoj Parate Name - Dr. S. D. Lekhande

Title - Delivery Head, Platforms Solutions Title - Principal, SCOE, Pune

Date: 02-07-2015 Date: 02-07-2015

Phone: +91-20-479-35400 Phone: +91-20- 6500 1151

Fax: +91-20-2565 7599 Fax: +91-20-24357243

Persistent Confidential Page 4 of 4

Persistent Systems Limited is a registered company in India. It is in the business of licensing software and providing software development services (Persistent Solutions).

Objectives of the MOU: Objective of this MoU was to develop and expand a framework of cooperation and joint operations, called the Center of Excellence. The company to provide BE projects, Guest lectures, Faculty Development Program and industry visit.

Memoranda of Understanding

MOU WITH mITu SKILLOLOGIES, NASHIK

| SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ENGINEERING (Affiliated to Savitribai Phule Pune University & Approved by AICTE (ID No. PU/PUNE/Engg-118 (1986)) S. No. 4471, Vadgaon (Bk.), Off Sinhgad Road, Pune - 411 041. | | |
|---|---|---|
| Dr. (Mrs.) Sarantis M. Navale B.A., M.F.A., Ph.D. Founder - President | Dr. (Mrs.) Sarantis M. Navale B.A., M.F.A., Ph.D. Founder - Secretary | Dr. S. D. Lokhande M.E., Ph.D. (Business Engg) Principal |
| MEMORANDUM OF UNDERSTANDING | | |
| Between mITu Skillologies, Nashik Sinhgad Technical Education Society's, Sinhgad College of Engineering, Vadgaon (Bk.), Pune | | |
| This Memorandum of Understanding is entered on Date 08/10/2016 between: mITu Skillologies, headquartered at 18, Omprasad, Shiv Nagar, Dindori Road, Mharsud, Nashik, Maharashtra 422004, and Sinhgad Technical Education Society's Sinhgad College of Engineering, Vadgaon (Bk.), having its office at S. No. 4471, Vadgaon (Bk.), Off Sinhgad Road, Pune 411 041, Maharashtra, for the purpose of enhancing the quality of engineering education being imparted to the students. | | |
| OBJECTIVES: | | |
| A. MOU is for the purpose of enriching the technical education in new subject areas, learning-teaching process and to jointly work for enhancing the quality of education being imparted to Computer Engineering students. | | |
| B. MOU is to enhance the quality of the technical education for students to enable them to meet the industry needs and to be recognized globally. | | |
| C. MOU is to: 1. Sponsor a BE project. 2. Conduct lectures/workshop for students at campus. 3. Allow students/Faculty for training. | | |
| 4.2 Unless and until the parties agree there shall be no public announcement. Agreement has to be in the form of written approval. | | |
| 4.3 Any dispute under this MOU will be settled at Pune through arbitration if necessary. | | |
| In written, where of both parties put their hard seal on the day, month and year herein mentioned. | | |
| DATE: | 08/10/2016 | |
| PLACE: | Pune | |
| NAME: | Prof. Mahesh Wankhade | Dr. S. D. Lokhande |
| DESIGNATION: | HOD-Computer | Principal |
| ADDRESS: | Sinhgad College of Engineering, Vadgaon (Bk.), Pune. | Sinhgad College of Engineering, Vadgaon (Bk.), Pune. |
| SIGNATURE: |  |  |
| SEAL: |  |  |

There is a vast increase in adoption of open source software solutions across the private enterprise, government associations and organizations, industries. In last several years, several enterprise customers are wishing to implement open source software development, thus forming a great base for software professionals, who are expertise in Open Source, to start a wonderful career, with lost of opportunities. In order to provide the training on open source software, the “mITu Skillologies” was founded five years ago at Nashik city of Maharashtra. As FOSS that is, Free and Open Source Softwares are Free, Licenseless, Secure and Fast, the popularity of them is increasing with great speed. The purpose of this initiative is to provide a platform where we want to take the open source to the professionals who want to aspire a career as a leader in the IT industry.

mITu Skillologies has an experienced and dedicated team of trainers, resource persons, developers, instructors, and open source evangelists. We are working with some of the most renowned technologies used in IT industries which support the growth of companies. At mITu Skillologies, we strongly believe in constructive education. In order to empower, we provide opportunities for learners to transform their lives through innovative learning and practical training.

Objectives of the MOU: To enrich the technical education in new areas by sponsoring student projects, conducting lectures and workshops, training for faculty and students, enabling students to participate in seminars, workshops and conferences, increasing employability, work with educational bodies to align industry requirements with curriculum, research projects and other mutually beneficial areas.

Memoranda of Understanding

DEPARTMENT OF PRODUCTION ENGINEERING

LIST OF MOU

| Sr. No | Name of the Industry/Institution |
|---------------|---|
| 1 | IFS Academy, Pune |

DETAILS OF MOU

| Sr. No | Name of the Industry | Name of the contact person | Domain of MOU | Name of Staff/ Single Point of Contact (SPOC) | Date of signing MOU | Duration |
|---------------|-----------------------------|-----------------------------------|--|--|----------------------------|-----------------|
| 1 | IFS Academy, Pune | Mr. Sameer Latkar | Knowledge of Advanced tools used in industry | Prof. R.S. Katikar | 25/06/2013 | 1 Year |

Memoranda of Understanding

MOU WITH IFS ACADEMY, PUNE

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made on 25th day of June, 2013

Between

Department of Production Engineering of Sinhgad Technical Education Society's, Sinhgad College of Engineering through its Principal, located at S. No. 44/1, Vadgaon Budruk, Off Sinhgad Road, Pune-411 041. (Hereinafter referred to as "SCOPE", which expression shall, unless repugnant to the context or meaning thereof, include its successors, legal representatives and permitted assignees) on FIRST PART

And

IFS Academy, a registered partnership firm through its partner Mr. Sameer Latkar having its principal place of business at Flat No. 11, Vishal Heights, 4th Floor, Opp. P. N. Gadgil Jewellers, Walhekarwadi Road, Chaphekar Chowk, Chinchwad, Pune, 411 033. (hereafter referred to as "IFSA", which expression shall unless repugnant to the context or meaning thereof, include its successors, legal representative and permitted assignees) on SECOND PART

AND WHEREAS SCOPE is a leading institute working in the field of Fundamental Education, Engineering, Information Technology and Business Management based in Pune and has state of the art infrastructure.

AND WHEREAS IFSA, a registered Partnership firm, registered in 2008 with a view to be in commercial training and coaching in the field of engineering, CAD/CAM/CAE, management and any other incidental activity in connection with its business.

And WHEREAS both SCOPE and IFSA are desirous of associating with each other in supplementing and integrating their expertise so as to offer a course on "Creo and Catia SOFTWARE" to prospective students.

Now therefore, in consideration of the premises and the actual covenants herein contained, it is agreed by both SCOPE and IFSA as under.

1.0 Definitions and Interpretation

1.1 "MOU" shall mean this Memorandum of Understanding executed between SCOPE and IFSA on 25th day of June, 2013.

1.2 "Party" or "Parties" shall mean SCOPE and IFSA individually and collectively as the context June require.

1.3 The headings/subheadings/titles sub-titles are only for the sake of convenience and shall not be interpreted to restrict or otherwise affect the meaning or import of the clauses, which shall be interpreted solely in light of the contents thereof.

15.0 **Waiver**

The waiver by one Party hereto of any default hereunder or of any covenant, agreement or condition contained herein shall not be construed to constitute a waiver of any other default or breach hereof whether similar or otherwise.

16.0 **Amendment**

No amendment to this MOU shall be valid and binding to the Parties unless it is made in writing and signed by authorized representative of all Parties to this Agreement.

In witness whereof the Parties have caused this Agreement to be executed by their duly authorized representatives, on this 25th June 2013.

For IFS Academy

Name : Mr. Vikram Jadhav
Title : Partner

For Sinhgad Technical Education Society's Sinhgad College of Engineering

Name : Dr. S.D. Lonkhande
Title : Principal

Witness:
Prof. R.S. Latkar
Sinhgad Road,
Pune - 411041

Witness:
Prof. D.R. Naole
Kondhwa, Pune -411048

Received
Pune
27/06/2013

IFS Academy has signed up strategic MoU's with Product Companies for conducting world class training programs in the area of Engineering Design and CAD/CAM/CAE. IFS Academy provides number of modular, diploma and career programs in the field of Engineering Design and Analysis. These courses have been designed by taking inputs from Industry Experts and Academicians. Live projects assistance in the field of 3D CAD (Computer Aided Design), CAM (Computer Aided Manufacturing and CAE (Computer Aided Engineering) is offered using Software Tools like Creo (Proe). Our modular courses meet course curriculum requirements of most of the Universities

This course emphasizes on bridging the gap between Industry and Academics in the fields of 3D modelling and Designing of the products.

Objectives of the MOU: This course is planned to know various advanced tools used in industry which will increase their employability. These programs include industry oriented projects that would address the essential requirements to build a career in Engineering Design and Development

Memoranda of Understanding

DEPARTMENT OF MANAGEMENT STUDIES

LIST OF MOU

| Sr. No | Name of the Industry/Institution |
|---------------|---|
| 1 | Asian Management Training Center, Pune |
| 2 | Krishna and Saurastri Associates Pune |
| 3 | Saipro Biotech Pvt. Ltd., Pune |
| 4 | Vantage Media(VM), Pune |
| 5 | Munot Textiles Manufacturers and Exporters, Solapur |

DETAILS OF MOU

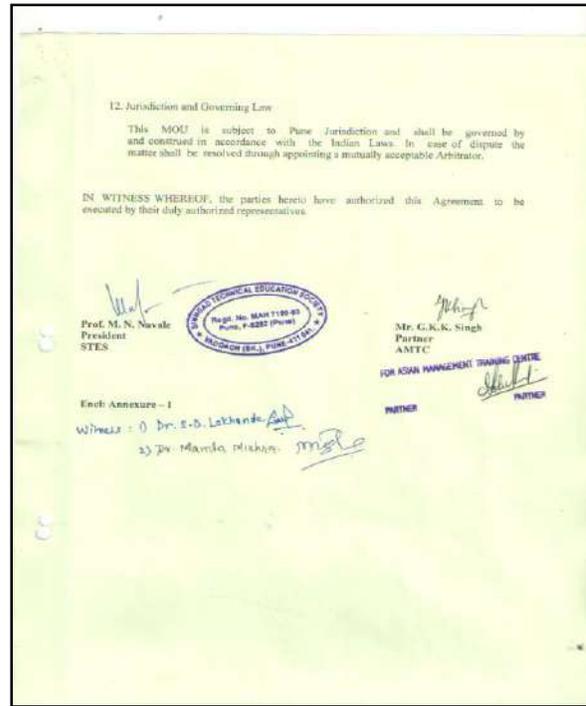
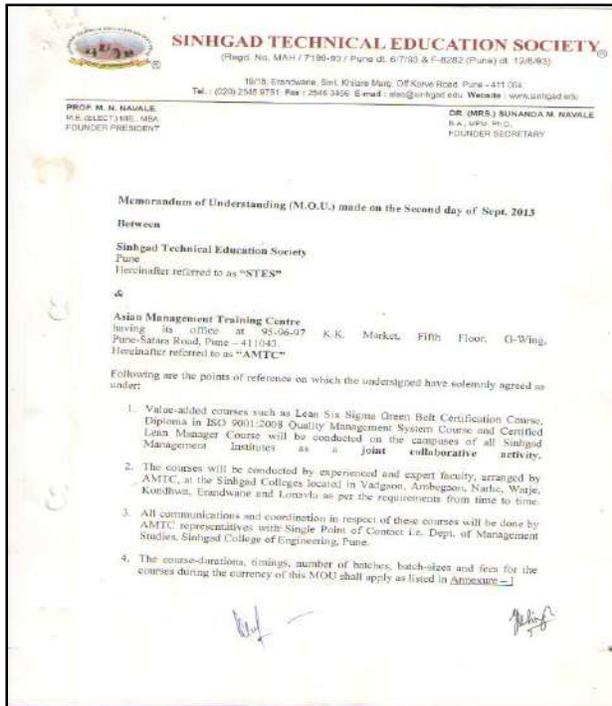
| Sr. No | Name of the Industry | Name of the contact person | Name of Staff/ Single Point of Contact (SPOC) | Domain of MOU | Date of signing MOU | Duration |
|---------------|--|-----------------------------------|--|--|----------------------------|-----------------|
| 1 | Asian Management Training Center, Pune | Mr. G. K. K. Singh | Dr. Swati Vijay | To conduct value added courses like Six Sigma Green Belt Course, Kaizen Lean Manager | 02-09-2013 | 4 Years |
| 2 | Krishna and Saurastri Associates Pune | Mr. Anand Mahurkar | Dr. Irfan Siddiqui | Intellectual Property related Training for students and staff through training programs or workshops | 11-09-2013 | 1 Year |
| 3 | Saipro Biotech Pvt. Ltd., Pune | Mr. Vikas Walekar | Dr. Mamta Mishra | Provide assistance to students for summer and winter internship Support for Industrial Visit Provide resource person for guest lecture, evaluators for various management events | 03-09-2014 | Till date |
| 4 | Vantage Media(VM), Pune | Mr. Edwin D'souza | Dr. Mamta Mishra | Support for Industrial Visit, Summer and winter internship Resource person for various management events | 03-11-2014 | Till date |

Memoranda of Understanding

| | | | | | | |
|---|---|-----------------------------------|------------------|--|------------|-----------|
| 5 | Munot Textiles Manufacturers and Exporters, Solapur | Munot Manufacturers and exporters | Dr. Mamta Mishra | Support for Industrial Visit, Summer and winter internship | 03-12-2014 | Till date |
|---|---|-----------------------------------|------------------|--|------------|-----------|

Memoranda of Understanding

MOU WITH ASIAN MANAGEMENT TRAINING CENTER, PUNE



Asian Institute of Quality Management (AIQM) is one of the few institutes accredited by ASCB (Europe) Ltd - U.K. for conducting Six Sigma Certification and other Quality Management Courses and is committed to operate to defined procedures, undergoing continual review by ASCB(E) - U.K.

Memoranda of Understanding

Objectives of the MOU: To conduct Various Quality Management Value added courses under this MOU:

- a) Lean Six Sigma Green Belt Certification
- b) Certified Kaizen Lean Manager
- c) Diploma in ISO 9001:2008 Quality Management system

Students will learn various techniques and tools of Quality Management practices by examples.

Contents covered

1. Total Quality Management Concepts
2. Six Sigma basics
3. DPU , DPMO and calculating Sigma level
4. Cost of quality and number of case studies and examples
5. Seven tools of quality
6. Calculating process capability and continuous improvement practices
7. FMEA , Lean Management
8. DMAIC cycle , six sigma case studies
9. Quality to customer concepts

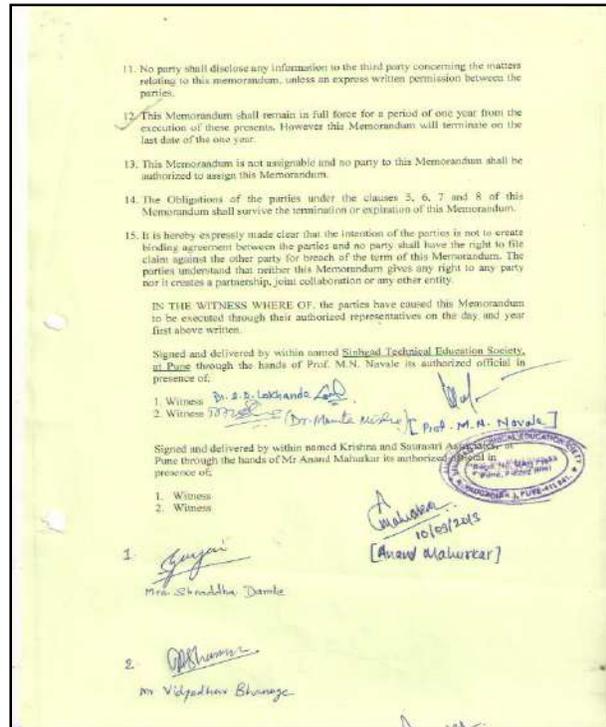
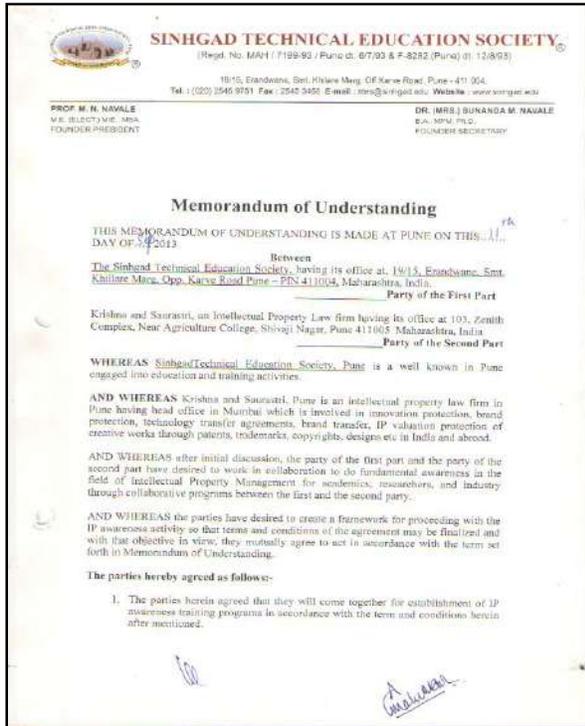
Six Sigma Green Belt Course is organized by Sinhgad College of Engineering in coordination with Asian Institute of Quality Management. It is 4 days course (3 days from 9 AM to 5 PM, 4th day half day examination). Participants receive the certificates after successfully passing the examination.

These courses are useful for all branches of MBA and Engineering courses. As both service sector and manufacturing sector industries are already using these techniques and expecting candidates to be industry ready. The certificate of valued added courses gives added advantage to students during placement. The charges of these courses are mentioned separately. Even faculties from various streams can opt for the courses.

Activities Conducted: Six Sigma Green Belt Course was conducted and approximately 1000 students from STES have benefitted from this course.

Memoranda of Understanding

MOU WITH KRISHNA AND SAURASTRI ASSOCIATES, PUNE



Krishna and Saurastri Associates Pune, is an Intellectual Property Law firm with its head office in Mumbai. It is involved in Innovation protection, Brand protection, technology transfer agreements, Brand transfer, IP valuation protection of creative works through patents, trademarks, copyrights, designs etc. in India and abroad.

Memoranda of Understanding

Objectives of the MOU: To conduct workshop to provide the platform to the faculty and students delegates to learn and explore Intellectual Property Management(IPM) and Patent Lifecycle Management (PLM) and to highlight the importance of IPR in today's competitive scenario

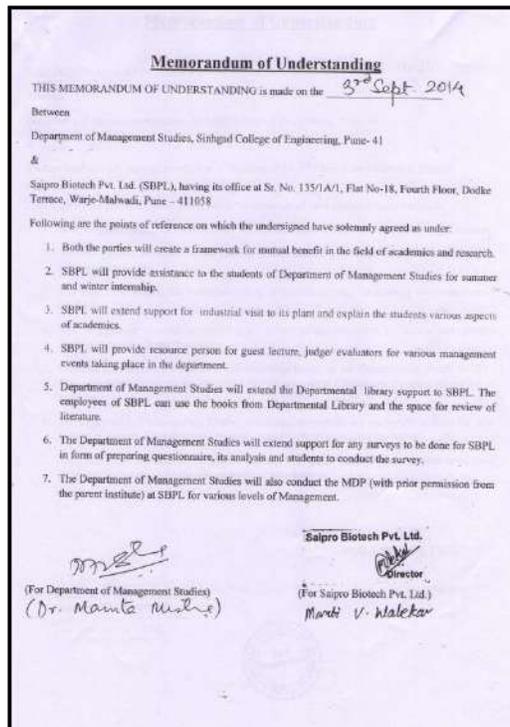
The program or workshop is useful for Academicians, Corporate Delegates, Researchers and Students

The participants learn about intellectual property management, trademarks and on patent protection novelty non-obviousness. It also highlights Patentability of Inventions and International arrangements of Patenting.

Activities Conducted: Workshops were conducted for students and other participants and more than 300 participants are benefitted from this MOU.

Memoranda of Understanding

MOU WITH SAIPRO BIOTECH PVT. LTD., PUNE



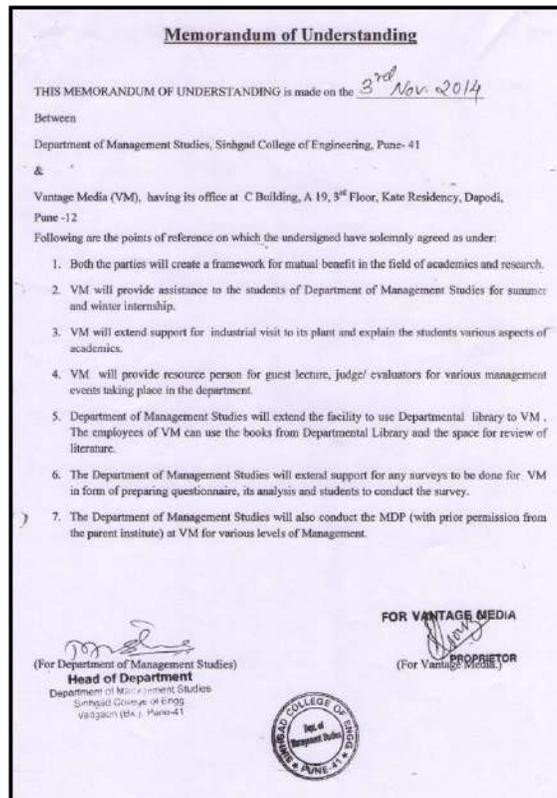
Saipro Biotech Private Limited established in **2010** is a prominent manufacturer & exporter of Conventional & Organic Fruit Powders, Vegetable Powders, Spice Powders & Herbal Powders. It is an ISO 22000:2005, FSMS, HACCP, KOSHER, D & B, NSIC, Spices Board of India, APEDA, Organic Certified & FDA (FSSAI) approved company. It is a BIS (Bureau of Indian Standards) approved facility for Baby Food / Infant Food "Milk Cereal Based Complementary food.

It is also a service provider of Pharma & Food Processing Services. The wide assortment of products includes Vegetable Powders, Spices Powders, Fruit Powders, Food Supplements / Dietary Supplements, Ready to Cook Spice Mix. It also does contract manufacturing of packed food items. These products are manufactured by using pure & fresh raw material, plants and plant parts. All the products are processed under extreme hygienic conditions thus, has longer shelf life and taste with flavor balancing. Also, these products are widely acclaimed for their effectiveness in eliminating health related problems.

Objectives of the MOU: Provide assistance to students for summer and winter internship
Support for Industrial Visit Provide resource person for guest lecture, evaluators for various management events.

Memoranda of Understanding

MOU WITH VANTAGE MEDIA, PUNE

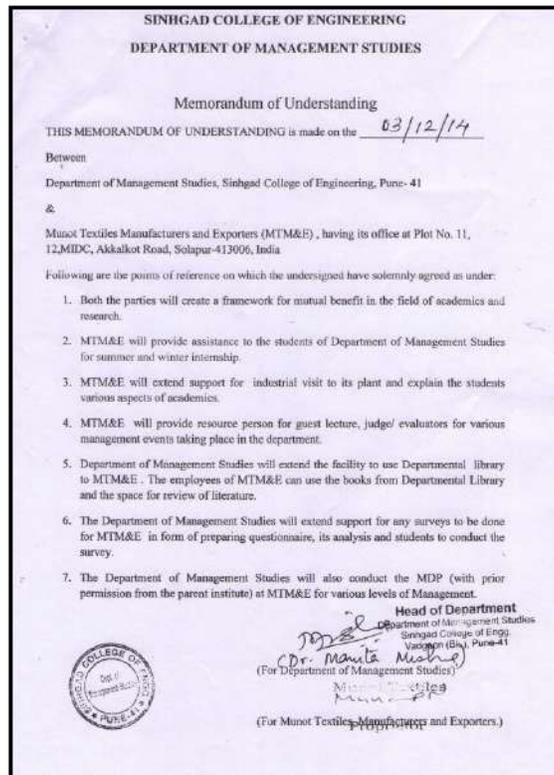


Vantage Media, Pune, is a leading name in the field of advertising, catering to the needs of advertising for various sectors like education, infrastructure, and gems and jewellery.

Objectives of the MOU: Support for Industrial Visit, summer and winter internship, resource person for various management events. Vantage Media will extend support for any surveys to be done for VM in the form of preparing questionnaire, its analysis and helping students conduct the survey. It will also support in conducting a MDP.

Memoranda of Understanding

MOU WITH MUNOT TEXTILES MANUFACTURERS AND EXPORTERS, SOLAPUR



Munot Textiles Manufacturers and Exporters, Solapur, are leaders in the textile manufacturing sector.

Objectives of the MOU: Support for Industrial Visit, summer and winter internship.