



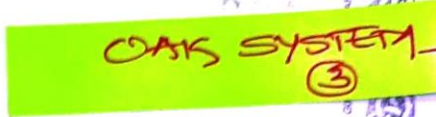
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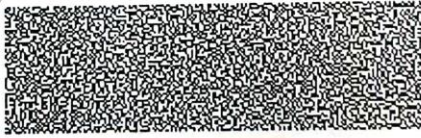
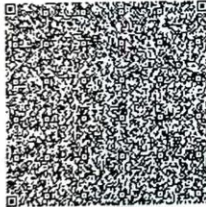
Government of Karnataka



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 Account Reference : NONACC (FI)/ kacrsfl08/ DHARWAD1/ KA-DW
 Unique Doc. Reference : SUBIN-KAKACRSFL0851725631803502Q
 Purchased by : PRINCIPAL SDMCET DHARWAD
 Description of Document : Article 37 Note or Memorandum
 Description : M O U
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : PRINCIPAL SDMCET DHARWAD
 Second Party : OAK SYSTEMS PVT LTD BANGLORE
 Stamp Duty Paid By : PRINCIPAL SDMCET DHARWAD
 Stamp Duty Amount(Rs.) : 20
 (Twenty only)



Memorandum of Understanding

We, SDM College of Engineering and Technology, Dharwad and Oak System Pvt. Ltd., Bangalore, here by agree to establish the Software V & V Center of Excellence at SDM College of Engineering and Technology, Dharwad, with the following objectives and terms and hence sign this Memorandum of Understanding.

Statutory Alert:

- 1 The authenticity of this Stamp Certificate should be verified at www.stampcertstamp.com. Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
- 2 The onus of checking the legitimacy is on the users of the certificate
- 3 In case of any discrepancy please inform the Competent Authority



The following faculty members are identified for V & V CoE at SDM College of Engineering and Technology, Dharwad.

Coordinator:

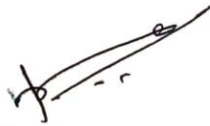
1. Dr. S.M.Joshi, Professor, Department of CSE, SDMCET, Dharwad.

Members of CoE: [4 Years: For the Year : 2019-20 to 2022-23]

1. Dr. U. P. Kulkarni
2. Rashmi Athanikar
3. Dr. S. B. Kulkarni
- 4.

EXIT Clause: Both organization can terminate this MoU with written notice in advance of 6 months and completing all ongoing activities.

This MoU is signed on **17th April at 10am** and agreed upon by the following representatives of Oak Systems Pvt. Ltd., and SDM College of Engineering and Technology, Dharwad.



**Director
Oak Systems Pvt. Ltd.
Bangalore.**




OAK SYSTEMS PRIVATE LIMITED
#27, NEFF LANE, 1ST STAGE
INDIRANAGAR, BENGALURU, 560025
PH+91-80-41267681/ +91-8043623107



**Principal
SDMCET
Dharwad**

PRINCIPAL
SHRI DHARMASTHALA MANJUNATHES
COLLEGE OF ENGINEERING AND TECH
DHARWAD-580002, KARNATAKA

Received MOU copy :

1. CO-ordinator -  24/4/15
Cdr. S.M. Jasbir
2. Head Dept of CSE -  24/4/15
S.B. Kulkarni
3. Institutional copy -  24/4/15
S.B. Kulkarni

NOTE: Original copy is being taken
with Dr. U.P. Kulkarni.


24/4/15

Declaration by CoE Members

We the faculty members of Department of Computer Science and Engineering, SDM College of Engineering and Technology, here by agree to become the member of this CoE and read all terms and conditions mentioned above.

We understand that, we need to drive in group the courses: Software Engineering, Object Oriented Analysis and Design (OOMD) and Software Testing for the next four years with various activities and **hence engage the classes** for both UG and PG programs; connecting Industry so that it helps students to be ready with all tools, technologies and trends in V &V.

Signed and agreed with the terms of MoU and as declared above on 17th April 2019 in the presence of representative of Oak System Pvt. Ltd. and SDM College of Engineering and Technology as under.

Coordinator: Dr. S.M.Joshi.

Member-1: DR. U. P. KULKARNI

Member-2: Rashmi Athanikar

Member-3: Dr. S. B. Kulkarni

Member-4:



Director
Oak Systems Pvt. Ltd.
Bangalore.
Dharwad

OAK SYSTEMS PRIVATE LIMITED
27, NGP LANE, 1ST STAGE
INDIRANAGAR, BENGALURU-560033
PH+91-80-41267681/ +91-9845623107



HOD
Dept. of CSE
Department of Computer Science & Engineering
S.D.M. College of Engineering & Technology
Dharwad - 580 002



Principal
SDMCET
SDMCET, Dharwad.

PRINCIPAL
SHRI DHARMASTHALA MANJUNATHESHWAR
COLLEGE OF ENGINEERING AND TECHNOLOGY
DHARWAD-580002, KARNATAKA

Objectives:

The broad objectives of this proposed center of excellence will be to:

1. Provide training / conduct seminar on different V & V and testing topics.
2. Introduce different testing tools and develop expertise.
3. Define and guide projects in V & V for students.
4. Create a data repository of V & V activities.
5. Jointly carry out research in software V & V on new approaches, quality models and tools.
6. Build a metrics repository for industry benchmarking and analysis.
7. Provide consultancy in V & V activities to the Industries.

Oak Systems Pvt. Ltd, Bangalore provides:

With its vast experience and expertise in carrying out V & V activities and having a vision for excellence center, Oak Systems will participate in this center of excellence in terms of the following:

1. Provide Industry perspective and experience.
 2. Conduct / facilitate/ train faculty/students by Industry experts.
 3. Provide technical and managerial consultancy.
 4. Help to update the center of excellence with new methodologies, techniques and tools.
 5. Source and guide live projects.
 6. Provide internship support for eligible students based on the need.
 7. Providing sabbatical opportunities for faculty members.
- Facilitation for taking joint research work.



9. Meet all expenses in terms of travel, stay and honorarium to the faculty involved in consultancy/training to the industry at the rate decided by the Oak Systems. Pvt. Ltd.

SDMCET Provides:

SDMCET with its proven track record in providing quality Engineering Education over 39+ years ;will participate in this center of excellence in terms of the following:

1. Provide necessary computing infrastructure at Identified location in the College.
2. Designate a coordinator to manage the CoE and interact with OAK Systems Pvt. Ltd.
3. Provide an opportunities to carry out research at SDMCET research center.
4. Encourage staff and students to actively participate in CoE's activity and provide necessary funds as per college rules.
5. Meets all administrative and financial needs as per the rules of SDMCET to depute faculty members to OAK Systems, Pvt. Ltd, Bangalore on sabbatical during vacation.
6. Meet all expenses in terms of travel, stay and honorarium to the industry experts to connect industry to class room as per the rules of SDMCET.
7. Ensure that memebtrs of CoE are teaching concerned courses.



Subject: MoU with Oak System Pvt. Ltd to be executed on 3rd October 2019- from U P Kulkarni

From: upkulkarni@yahoo.com

To: sdmcet_cse_faculty@googlegroups.com

Cc: principal@sdmcet.ac.in; kulkarniav2@gmail.com; pratisatu@yahoo.co.in; pratisatu@gmail.com; joshshree@gmail.com

Date: Friday, September 28, 2018, 11:31:59 AM GMT+5:30

OD,
Department of CSE,
DMCET
Dharwad.

With reference to the letter dated 25-4-2018 about the action plan for KPI sent by Prof. S.M.joshi to the office of the principal, DMCET Dharwad, and subsequent approval by the principal, I am sending here with the draft copy of the MoU.

This may be discussed in length among all faculty members and names of the 3 faculty members are to be provided who will ensure that they engage SE, OOMD & Software Testing courses for the next THREE Years and hence drive the activities of the proposed CoE in V & V.

These activities will be coordinated by the following team.

1. Dr. U.P.Kulkarni
2. Dr. S.M.Joshi

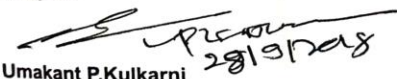
and act as SPOC from SDMCET with Oak Systems Pvt. Ltd.

Any correction if required may be informed to us and the approval for the contents may be taken from the principal.

We wish to execute this MoU on 3rd October 2018 at 10am

Encl: Draft version of MoU

With Regards


Dr. Umakant P. Kulkarni

Professor, Department of CSE,

SDM College of Engineering and Technology,

Dhavalagiri, Dharwad-580 002.

Mob: 09448915301

 MOU-Oak Systems Feb 2018.pdf
40.3kB

- Let there be one - coordination
- Exit clause ?
- TAIDA^x as per college norms
- Will be accommodated in Alumni Guest House
- Food Hostel





**Cisco Network
Academy**



Letter of Intent form to establish Cisco Centre of Excellence
Institute and Student Assessment

1. Institute Name : **Sri. Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad**
2. Location : **Near Kendriya Vidyalaya, Dhavalagiri, Kalaghatagi Road, Dharwad – 580 002**
3. How old is your institute? **39 years**
4. Source of Funding for the Institute : (Govt. / Private / Trust /): **Private**
5. AICTE approved (Yes / No) **YES**
6. Affiliated to any University – pls. provide name if so : **Vishweshwaraih Tech. University, Belagavi.**
7. Any tie – ups with local or international NGOs / Government / Corporate: **Yes**
8. Total number of students: **2500**
9. List of Courses offered along with students in each course: **BE (CSE), BE (ISE), BE (E&C), BE (EEE), BE (Civil), BE (Mech.) and BE (Chemical).**
10. Number of the students : **2500**
Male : **1100**
Female : **1400**
11. Are there any sponsored students in the college? **No**
12. Do you run any other IT courses? **BE(CSE) and BE(ISE)**
13. Any other industry affiliations? **Yes**
14. Research going on at the institute in networking? If yes key topics.: **No**

Lab Assessment

1. No. of computers in existing lab.: **40**
2. What is the typical configuration of these computers (**i3 and above**)
3. No. of students who can use the lab at one point of time: **40**
4. No. of days lab is free in a week : **03 days**
5. No. of hours for which the lab is free on the above days **6 Hrs./Day**
6. Internet Connection (ISDN/**Leased Line**/VSAT) **Leased Line/100MBps**
7. No. of Lab Assistants: **01**





Faculty Assessment

1. Total Number of Faculty Members in the IT/CSC/ECE Dept: **30**
2. Technical Faculty (Any certified^ faculty – CCNA/CCNP, etc)
^ - Certified faculty get the benefit of undergoing training on a fast track basis
3. Number of Faculty Members : **30**
Male : **18**
Female : **12**
4. Number of Female faculty members who are interested in imparting training on the Cisco programs: **02**
5. Your institutes commitment on manpower resources to run the program: **Yes**

Scheduling

1. If you agree to the program requisites and Cisco gives the go ahead when do you intend establishing 30systems LAB to enable you to start the program? **Immediately after receipt of CISCO products**
2. When can you send your faculty members for training?: **Oct 2018 (02) & Jan 2019 (02)**
3. Date by when you will enroll students for the Cisco Networking Program once your faculty is trained to impart training? : Jan. 2019
4. Proposed number of students who would enroll in the program (all III yr Csc,IT circuit branches for I & II Module & successful students for III & IV / Any STRATEGIC Plans) : **60**
5. Proposed number of batches you could organize(batch size 30 students) : **02**
6. Proposed number of hours/week for each batch: **6 Hrs/week**
7. Proposed number of hours/week or hours/day one trained faculty would teach : **03 Hrs/Day**

Costing

1. Current charge for your existing Engineering (B.E) / MCA course /IT course for each Semester or per year cost from students **Rs.68000**
2. How much do you intend charging students for the Cisco Program?(not exceeding 10000/- for all the four modules) : **Rs.1000 Per Module**
3. Are you aware that your institute will be charged for support and mentoring that it gets annually (Yes/Rs13500/-): **Yes**
4. For running courses like CCNA R&S and IT Essentials / Cisco Security/Cyber Security /CCNP the institute would need to do an one time investment of Rs700000/- (seven lakhs + 18% IGST)towards all requisite equipment bundles inclusive of the softwares , networking products , authorization , instructor training and promo materials apart from the 30systems lab .Has the institute apportioned funds for this investment For CoE kindly mention " YES " if you're ready to pay against the completion of DELIVERY OF PRODUCTS. **Yes**
5. Besides the above does the institute possess secondary passive equipment like UTP cables, RJ45 jacks, wire strippers, etc **YES**





Reference List of non-Cisco Necessary Lab Equipment (please mark with a X)

S. N.	Equipment	Already Have	Needed
1.	Web server – for storing approximately 130Mbytes of zipped web-based curriculum content	Yes	
2.	Hub/switch 8-port unmanaged – 4 units		Yes
3.	Cat 5 Twisted Pair Ethernet UTP Cables – Approximately 45 metres/150 feet per student	Yes	
4.	Cat 5 Twisted Pair Ethernet Connectors – 12 per student in the CCNA 1 Module class	Yes	
5.	Cat 5 Crimping tools, wire cutters and punch down tools – 6 sets per class based on a 30-student class	Yes	
6.	Cable tester – 1 per class (this could range from a simple continuity tester to tester that can check total throughput of the cable)	Yes	
7.	Six 568B Standard Patch Panels		Yes
8.	Two 19-inch Communication Racks, inter-connected by Cable Tray		Yes

6. CNAP Order form Annexure A enclosed
7. Are you willing to cover all costs ie travel, accommodation, meals expenses and costs incurred in sending your faculty to attend Instructor training classes? **Based on discussion/Negotiation**
8. Have you budgeted the above amounts of investment in your cost recovery from students (yes/no) **YES**

Placement Facilities

1. Is there a Placement Cell? **Yes**
2. Percentage of students placed in the last 3 years : **60%**
3. Average starting salary for the students placed last time: 4.00 lacs pa
4. Promotional Activities of the college: **TCS Techbytes, Alumni Tals, Regular Technical Talks**
5. Any awards given for excellence to your college. **Rated V in Outlook Survey, Rated 17th in CSR Survey**





Cisco Networking Academy Program

1. Is the top management aware of the program : **Yes**
2. Do you intend integrating this course in your curriculum or offer as an elective: **Yes**
3. Are they aware that the program is based on non profit basis (cost recovery only): **Yes**
4. How will students be apprised of the program: **MIS, Website, student groups**
5. To which branches/streams will this course be offered: **CSE, ISE, ECE, EEE**
6. What are your key objectives in joining the program?: **To produce industry ready output**
7. Which course is your institute going to opt for (check in table below)

Curriculum
CCNA Routing & Switching✓
IT Essentials✓
CCNA Security✓
Cyber Security✓
CCNP✓
IOT✓

I hereby assure that the information provided above is correct and true

Contact Person : **Dr. S B Vanakudre**
Signature : 
Designation : **Principal**
Tel. # : **08362447465**
Fax # : **08362464638**
Email : **principal@sdmcet.ac.in**
Address : **SDM College of Engg. and Technology, Dhavalagiri, Dharwad. 580002**

PRINCIPAL
SHRI DHARMASTHALA MANJUNATH
COLLEGE OF ENGINEERING AND TEC
DHARWAD-580002, KARNATAKA



ICT

MEMORANDUM OF UNDERSTANDING

Between

M/s ICT Academy

And

Shri Dharmasthala Manjunatheshwara College of Engineering & Technology

This memorandum of Understanding is entered into this 17 day of December 2018 by M/s ICT Academy, a nonprofit Society incorporated under the Tamilnadu Societies Registration Act, 1975 and having its Office at B - 308 & 309, Som Datt Chamber - 1, Bhikaji Cama Place, New Delhi - 110066 Represented by its (hereinafter called as "ICT ACADEMY" which expression shall, wherever the context so permits mean and include successors and assigns.)

WHEREAS, ICT ACADEMY is established as a society with Initiative of Government of India, State Governments and Industry. It is the pioneering venture under the public-private-partnership (PPP) model that endeavours to train the higher education teachers in the areas of Information and Communication Technology (ICT) thereby making their students to be industry-ready.

The core objective of ICT ACADEMY is to train the faculty members of Engineering, Arts and Science Colleges, Polytechnics and ITI's across the nation. ICT ACADEMY will develop and maintain a world class ICT industry related curriculum and content in close association with Academia and industry, which would be made available to faculty members throughout the state through an online portal. Industry experts would train the learned faculty to keep them abreast of the industry demands and thereby the students. The Academy shall have a core team of faculty members to conduct the training. This core team would be supported by faculty members deputed from Industry as well drawn from the educational Institutions.

Shri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad was established in the year 1979 under the flagship of SDME Society and has grown into one of the nationally acclaimed premier engineering institutions in the country. Under the expert leadership and guidance of the management, Principal and competent faculty, SDM College of Engineering and Technology is making

Academy



successful strides towards new horizons and aims to scale greater heights. Institution has been consistently rated high, ranking within 50, amongst top private engineering colleges of the country.

Under this juncture ICT Academy is agreeable to enter into this MOU with SDMCET as per the terms and condition set out as here in under.

Thus, Covenants of this Deed of Memorandum of Understanding reads as follows:-

1. Scope of the MOU

1.1 The SDM hereby agrees to become the Member Institution of ICT ACADEMY by paying INR 70,000 + (GST 18%) towards Membership for One Year and the membership shall be renewed every year, As the member of institution of ICT Academy, SDMCET is entitled for all the material to be supplied by ICT Academy to it's members free of cost.

1.2 ICT ACADEMY and SDMCET would collaborate to offer services to the faculty members of the University in the areas of Information and Communication Technology.

2 Role of ICT ACADEMY

2.1 ICT ACADEMY shall conduct minimum of one industry relevant faculty development training program every year in the domain of ICT, for which the faculty members of the college and other colleges in the territory shall be invited and further programs shall be conducted on mutually agreed by both parties.

2.2 ICT ACADEMY shall provide faculty training and certification for minimum of 10 faculty members of SDMCET every year at free of cost



2.3 The ICT ACADEMY shall provide various domain specific training programs either drawn from the Industry or approved by the industry at a subsidized cost to the students based on the interest of the Institution

2.4 The ICT Academy shall also support the institution in getting the membership and resources from corporate partners (Oracle, Amazon, Salesforce)

2.5 The ICT ACADEMY shall provide Industry certified trainers and expert trainers to conduct such training program for the students at a subsidized cost

2.6 The ICT ACADEMY would provide training to 2 teachers of SDMCET on every training program apart from the 10 certifications as specified in clause 2.2.

2.7 The ICT ACADEMY would invite SDMCET to nominate two teachers on every special training program at Free of Cost.

2.8 The ICT ACADEMY would provide 2 copies of ICT ACADEMY research Journals on quarterly basis at free of cost.

2.9 The ICT ACADEMY shall provide expert advice as a member of the board of studies and improve the quality of the curricula as per the industry requirements.

2.10 The ICT ACADEMY shall notify about the programs to the faculty members from nearby colleges in the region and assist in the active participation of faculty members.

3 Role of SDMCET

3.1 SDMCET shall identify and depute one Dean / HOD as single point of contact for ICT ACADEMY activities at the institution.

3.2 SDMCET shall provide the following infrastructure at its campus for the programs to be conducted by ICT ACADEMY.



- a. Computer Lab Infrastructure with 50 seat capacity
- b. LCD projector & Screen, White board and other AV equipments

3.3SDMCET hereby undertakes that it shall not utilise the contents, training materials, and such other information provided hereunder beyond the scope of this MoU and shall not share such information with any third party or render services utilising the materials, contents, training materials to third parties without the consent of ICT ACADEMY.

3.4SDMCET shall provide necessary hostel and food facilities to the participating faculty members, trainers and the resource persons during the programs to be conducted by ICT ACADEMY.

3.5SDMCET shall invite ICT ACADEMY for representation in their board of studies of the ICT streams on the need basis.

3.6SDMCET shall train students every year on the various technology programs offered by ICT Academy and its corporate partners and shall certify the students at a subsidized cost by ICT Academy on need basis.

Other Terms

3.7 Both the Parties shall explore & jointly develop new courses for the teachers from time to time, the terms for the same will be discussed as and when required and mutually agree upon the terms and the commercials in writing.

3.8 Both the Parties shall explore to work on specific ICT related research areas as per the industry requirements and agreed upon by both the parties.

4 Operation of this MoU

4.1 Upon execution of this MoU, ICT ACADEMY shall communicate to the SDMCET the training schedules. Thereupon, the Parties shall mutually discuss and agree



on the operational terms based on which ICT ACADEMY would offer its various other services.

5 Validity of this MoU

5.1 The MoU may be renewed on completion of one year upon paying the renewal fee applicable during the time of the renewal and on the terms mutually agreed to between the Parties. Being failed on which will stand suspended until resolved.

5.2 The Parties shall enter into firm binding agreements on the areas which are not covered under this MoU. Upon the execution of such agreements, this MoU may be terminated. Both parties shall have right to terminate this MoU if any of the party does not comply with its obligations under this MoU by issuing 30 days prior notice.

6 CONFIDENTIALITY

6.1 The Parties shall treat all information, documents, contents and materials pertaining to ICT ACADEMY or SDMCET provided under this MoU as confidential.

6.2 ICT ACADEMY or SDMCET shall not disclose any aspect of any confidential information to any third party in any manner whatsoever other than in the normal course of agreed terms under this MoU.

6.3 The confidentiality of information shall survive the termination of this Agreement.

6.4 Upon the termination of this MoU, SDMCET shall return all the contents, training materials and such other information provided by ICT ACADEMY under this MoU duly with out any undue delay and in cases where such information is not capable of being returned destroy the same and provide a certificate that to ICT ACADEMY.



9 INTELLECTUAL PROPERTY

9.1 All the intellectual property rights with respect to the programs, contents provided by ICT ACADEMY shall vest with ICT ACADEMY and upon the termination of this Agreement by efflux of time or such other earlier termination, the college shall not have the right to use programs, contents, and such other training materials installed under this MoU and return the same to ICT ACADEMY. SDMCET shall not infringe the intellectual property rights of ICT ACADEMY and shall duly intimate of any such infringement by any third parties.

10 INDEMNITY

10.1 Both Parties agrees to hold harmless and indemnify, from and against all action, demands, proceedings, prosecutions, attachments, claims or causes of action whatsoever, including (but not limited to) attorneys' fees and other costs arising out of:

- (a) Any breach of this Agreement by both parties
- (b) Any negligence on the part by both parties

11 NOTICES

11.1 All notices regarding this Agreement shall be by personal delivery or by certified or registered mail, postage prepaid, at the addresses as either of them may so provide by notice given to the other in the same manner.



12 GOVERNING LAW:

This MOU is made under and shall be governed by and construed under the laws of the Republic of India under the jurisdiction of the courts at Dharwad.

13 ARBITRATION

This MOU shall be construed and the legal relations between the parties and in case of any dispute between the parties pertaining to the clauses of MOU or any dispute pertaining to the training program between the parties here to shall be determined in accordance with law by referring to Arbitrators appointed by both the parties by way of mutual consent and arbitration proceedings shall have to take place only at Dharwad. In case time arises to approach the court of law in this regard, then i.e., subject to exclusive Jurisdiction of the Courts at Dharwad only.

In witness whereof the Parties have executed this MoU on this day of 17th month Dec, 2018

For ICT Academy

For SDM CET

Name: Mr. Sivakumar
Designation: Chief Executive Officer

Name: Vinayakumar
Designation: PRINCIPAL
SHRI DHARMASTHALA MANJUNATHESHWAR
COLLEGE OF ENGINEERING AND TECHNOLOGY
DHARWAD - 58002, KARNATAKA

Witnesses

Witness 1 : Pooja

Witness 2 : AB
HEAD
Department of Computer Science & Engineering
S.D.M. College of Engineering & Technology
Dharwad - 580 002

