



Memorandum of Understanding (MoU)

Between

Dattajirao Kadam Arts, Science & Commerce College (DKASC),
Survey No.17/436, Shivajinagar, Near Shahu Putala,
Kolhapur Road, Ichalkaranji, Taluka - Hatkanangale,
District - Kolhapur, Maharashtra.
(Shri Swami Vivekanand Shikshan Sanstha, Kolhapur)

And

DKTE Society's Textile & Engineering Institute (DKTE)
'Rajwada' Ichalkaranji – 416 115, Post Box No. 130 Dist
Kolhapur, State: Maharashtra
(An Autonomous Institute)

Dattajirao Kadam Arts, Science & Commerce College (D. K. A. S. C.) is one of the leading branches of Shri Swami Vivekanand Shikshan Sanstha established in June 1962 and celebrated its Golden Jubilee year in 2012-13. The College is imparting the knowledge to more than 4000 students of graduate, post-graduate in the discipline of Arts, Commerce, Science and Management.

DKTE Society's Textile & Engineering Institute (DKTE), Ichalkaranji is a well known institute imparting quality education in Engineering & Technology. It is highly rated by All India Council of Technical Education (AICTE), New Delhi and National Board of Accreditation (NBA), New Delhi.

3. FINACIAL BURDEN

Both partners will manage their own expenses for the honorarium and travelling etc. for their staff members. No Institute will charge anything to the other partner.

4. MISCELLLANEOUS:

- A. The details for the efficacious implementation of this Memorandum of Understanding shall be jointly worked out on mutually acceptable terms within the parameters of the policies, rules and regulations of both the institutions.
- B. The parties to this memorandum may, by mutual consent, add/modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.
- C. The intent and implementation of this memorandum is **SUBJECT** to the rules and regulations of the respective institute.
- D. The MOU shall remain in force for a period of 5 years from the date of its signature and seal, and may be terminated by either side by giving a six months notice to that effect in writing. However, notwithstanding the notice of the intent to terminate the memorandum, all rights, obligations and corresponding duties and subsisting therein shall be respected and mandated till the finalization and accomplishment thereof.

1. FIELD OF COOPERATION:

- A. Both the institutions shall evolve a mutually acceptable, need based exchange of expertise in identifying areas of common interest of these organizations
- B. The said academic interaction and intellectual assimilation may include
 - i. Faculty / staff development and exchange.
 - ii. Seminars, research, conferences and workshops.
 - iii. Collaborations in the sharing of academic data, scientific information, intellectual property, articles, publications, Library
 - iv. Faculty Development Programmes(FDP)

2. METHODOLOGY

- A. Both the institutes will develop 'Joint Working Group'. It is composed of the two representatives (coordinators) from each institute. From DKTE, Prof. A. U. Awasare and Prof. M. C. Burji, from DKASC, Prof. Akshay R. Swami and Prof. Chetan A. Patil will act as coordinators.
- B. Initially needs of each institute will be identified. Then suitable resource persons will be identified for the exchange programmes.
- C. A detailed programme calendar will be prepared for each academic year which should be strictly followed by the coordinators.
- D. Review meetings should be conducted once in three months

E. The parties to this MOU undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

F. This Memorandum is not a legally binding contract and under no circumstances does this Memorandum subject either of the Parties to liability for breach, whether material or minor, of contract or any other liability under national or international law or any other applicable law.

G. This MOU shall remain in force for a period of 5 years from the date of its signature and seal, and may be terminated by either side by giving a six months notice to that effect in writing.

On behalf of DKASC

On behalf of DKTE


(Dr. Milind Hujare)
Principal,
D.K.A.S.C. College,
Ichalkaranji.


(Prof. Dr. P. V. Kadole)
PRINCIPAL/DIRECTOR



Date: 05/08/2015
Place: ICHALKARANJI

"Dissemination of Education for Knowledge, Science and Culture"
-Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha Kolhapur's
Dattajirao Kadam Arts, Science and Commerce College,
Ichalkaranji

ॐ Department of Chemistry ॐ

Date: 07.01.2020

To

The principal

Dattajirao Kadam Arts Science and Commerce College,

Ichalkaranji

Subject: Seeking permission to organize the 'DKTE Institute visit'


Respected Sir,


With reference to subject cited above, Department of Chemistry desire to organize the institute visit at DKTE's Institute of Textile Engineering, Ichalkaranji on 11th January 2020. So we request you to grant permission for the same.

Thanking you

Yours faithfully

permission granted


07.01.2020


07/01/2020

(Dr. A. A. Ghare)

HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.



“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार”

- शिक्षण महर्षी डॉ. बापूजी साळुंखे

श्री स्वामी विवेकानंद शिक्षण संस्था, कोल्हापूर, संचलित

दत्ताजीराव कदम आर्ट्स, सायन्स अँड कॉमर्स कॉलेज, इचलकरंजी.



ता. हातकणंगले जि. कोल्हापूर - ४१६ ११५

फोन नं. (०२३०) २४२०४१२, फॅक्स - (०२३०) २४२४५५५

ज्यु. कॉ. सांकेतिक क्र. जे २३.०६.००१

(शिवाजी विद्यापीठ, कोल्हापूर निरंतर संलग्नित - ऑफि/टी-२/५०४९, दि. १०/७/१९९९) नॅक मानांकन - "अ" श्रेणी

ई-मेल : dkasccollege@gmail.com, ich38.cl@unishivaji.ac.in • Website : www.dkasc.ac.in

संस्थापक, संकल्पक : शिक्षणमहर्षी डॉ. बापूजी साळुंखे	अध्यक्ष : मा. चंद्रकांत (दादा) पाटील महसूल राज्य मंत्री, महाराष्ट्र राज्य	कार्याध्यक्ष : प्राचार्य अभयकुमार साळुंखे एम. ए.	सेक्रेटरी : प्राचार्या सी. शुभांगी गावडे एम. एस्सी., बी. एड.	प्राचार्य : डॉ. आर. आर. कुंभार एम. एस्सी., एम. फील., पीएच. डी.
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संदर्भ क्र. : DKASC / 2019 - 2020

दिनांक : 10 / 01 / 2020

To,
Prin. Dr. P. V. Kadole,
DKTE Society's Textile and Engineering Institute,
Ichalkaranji.

Subject: Seeking Permission to visit your esteemed institute.

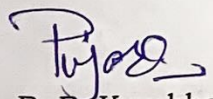
Respected Sir,

With reference to above subject, our Department of Chemistry is interested to visit your esteemed institute well known for textile on Saturday 11th January 2020. We would like to share that we have planned this visit for our T. Y. B.Sc. Chemistry students in order to give them an insight about the way, things and work in the dyeing process of textile. The visit is aimed at enhancing their knowledge.

There would be a total of 100 students accompanied by faculty members from our college. We intend to take a round of the entire institute and show the tasks handled in different departments to our students.

I hope you will allow us to visit your institute and meet your skilled staff. I anticipate a positive response from your end.

Thanks and Regards,


(Dr. R. R. Kumbhar)
Principal
D.K.A.S.C. College,
Ichalkaranji.





''ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार''

- शिक्षण महर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
**Dattajirao Kadam Arts, Science and Commerce
College, Ichalkaranji.**



Estd.: June 1962

Tal. Hatkanangale, Dist. Kolhapur - 416 115
Phone : (0230) 2420412, Fax /Phone - (0230) 2424555

Index No. : J-23-06-001

(Affiliated to Shivaji University, Kolhapur - No. Affil./T-2/5049 dt. 10-7-1999)

Accredited by NAAC - B (2.89)

• E-mail : dkasccollege@gmail.com, ich38.cl@unishivaji.ac.in • Website : www.dkasc.ac.in

FOUNDER
Hon. Shikshanmaharshi
Dr. Bapuji Salunkhe

PRESIDENT
Hon. Chandrakant (Dada) Patil
Revenue Minister, Maharashtra State

EXECUTIVE PRESIDENT
Prin. Abhaykumar Salunkhe
M. A.

SECRETARY
Prin. Mrs. Shubhangi Gavade
M. Sc. B. Ed.

PRINCIPAL
Dr. Milind Hujare
M. Sc., Ph. D.

Ref. No. DKASC : / 112/20 - 20

Date : 07 / 01 / 2020

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I hope you will allow us to visit your institute and meet your skilled staff. I anticipate a positive response from your end.

Thanks and Regards,

permissions
granted.


07.01.2020


(Dr. R. R. Kumbhar)

PRINCIPAL,
Dattajirao Kadam A. S. C. College,
Ichalkaranji.

“ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

शिक्षणमहर्षि डॉ. चापूजी साळुंखे

Shri Swami Vivekananda Shikshan Sanstha, Kolhapur's
Dattajirao Kadam Arts, Science & Commerce College,
Ichalkaranji.

Department of Chemistry

Date: 07/ 01/2020

NOTICE

All the B.Sc.-III (Chemistry) students are hereby informed that, Department of Chemistry is going to organize “ D.K.T.E. Institute visit ”. On Saturday 11th January 2020 at 10:30 a.m. All students should remain present and attend the same.

ABG

07/01/2020

(Dr. A. A. Ghare)

HEAD,

Department of Chemistry,
Dattajirao Kadam Arts, Science
& Commerce College,
ICHALKARANJI.

Sr. No.	Name	Signature	Sr. No.	Name	Signature
1.	Whavale Tejaswini	<u>Whavale</u>	66)	PARIHAR SAPANA	<u>PARIHAR</u>
2.	shinde Ankita	<u>Ashinde</u>	67)	Shaikh Sanobar Farukh	<u>Shaikh</u>
3.	Ashwini Mane	<u>Amane.</u>	68)	Paheem Pathawat	<u>PFPE.</u>
4.	PEatiksha Kunkkae	<u>Peatiksha</u>	69)	prathmesh Sangale	<u>PRS.</u>
5.	Tejashei Tadhav	<u>Tadhav</u>	70)	Dinesh Gangadhare	<u>DGC.</u>
6.	Ashvini Kurane	<u>Kurane</u>	71)	Rohun Ar. Gure	<u>stehen</u>
7)	Shivani Swarni	<u>Shivani</u>	72)	Vinayak B. Tadhav	<u>Tadhav/</u>
8)	Aishwarya Shirguppi	<u>A.S.S.</u>	73)	Kiran R. Nandurji	<u>KRN.</u>
9)	Suzayavanshi Pezjakta Vijay	<u>Pezhi</u>	74)	SURAJ R. SWAMI	<u>SWAMI</u>
10)	Magdum Rohini Dhandaram	<u>R.</u>	75)	Omkar A. Tanderre	<u>Tanderre</u>
11)	Pandare Kirli Jancaradan	<u>pandare</u>	76)	Amol Suresh Kolerkar	<u>A-SK.</u>
12)	Jangam Ashwini Nandkumar	<u>Jangam</u>	77)	shafik. Achter suter	<u>suter</u>
13)	Magdum Dhanashri kumar	<u>K.</u>	78)	patil venun mahadev	<u>PCarumashri</u>
14)	Kaskar Shrusika Shivaji	<u>SSKaskar</u>	79)	AKSHAY SATISH YADAV.	<u>AYADAV</u>
15)	Kurude Shubhangi Bhikaji	<u>Bhikaji</u>	80)	Rushikesh Dilip Hirakale	<u>Hirakale</u>
16)	Kale Anjali Satjirao	<u>A.Kale</u>	81)	Sagar Dhandram Kadam	<u>S.K.</u>
17)	Jugale Renuka Sanjay	<u>R.P.</u>	82)	Kishudham Sambhaji Nimbalkar	<u>Nimbalkar</u>
18)	Javalkoti Soniya Isanna	<u>Sonija</u>			
19)	Tadhav Snehil Meghraj	<u>S.M.Tadhav</u>	83)	Lohar Adinath Y.	<u>Adinath</u>
20)	Aware Kishori Vishnu	<u>Aware</u>			
21)	Gaikwad Aarti Bhanudas	<u>YGaikwad</u>			
22)	Shaikh Shahin Munir	<u>Shaikh.</u>			
23)	Gursale Sayali Ajay	<u>S.Gursale</u>			
24)	Salunkhe Peatiksha Chandrakant	<u>Peatiksha</u>			
25)	Tadav Dipali Ravindra	<u>Yadav</u>			
26)	Patil Namrata Rajendra	<u>Patil</u>			
27)	Nimmal Greetanjali Anand	<u>G.Nimmal</u>			
28)	Naik Utkarsha Chandrakant	<u>U.Naik</u>			
29)	Patil Rutuja Dattatray	<u>R.Patil</u>			
30)	Khachnale Shrutika Vishnu	<u>Khachnale</u>			
31)	Karade Rutuja Sudhakat	<u>R.Karade</u>			



- 32) Gutor Anjali Shankinath. Gutor
- 33) shete pratiksha sanjay shete
- 34) shaikh shahin Asulal shaikh
- 35) chittal pooja Amun Chitaly
- 36) Patil Poonam Suresh P.S.Patil
- 37) Patil Pooja Babaso PBPatil
- 38) Pachwadekar shiraw Dhananjay Pachwadekar
- 39) Bagwan Aliya Riyaj A.R.Bagwan
- 40) Ghadveer Ashwini Shivaji Aghadveer
- 41) Pathan Karishma Anmol KAPathan
- 42) Mulla Muskan Samiulla Mulla
- 43) Jotke shweta sanjay Jotke
44. Samdde pukaiyya Gafar Samdde
45. Sadhana Nomdey Vadar. Sadar
46. Nigade Pooja Vasant. BNigade
47. Yemagurne Tejaswini Keyeman Yem
48. Ghadage Anjali Shamrao AGhadage
- 49) Mane Rutuja Tukaram Kmane
- 50 Mane swati vijay Mane
- 51 Patil Rakebhandi Rangrao Patil
- 52) Gaikwad Revati Mahesh Gaikwad
- 53) Vasudev Yogita Ramesh Y.R.Vasudev
- 54) Vajare Arati Rajendra Vajare
- 55) Sutar Poonam Prakash ASutar
- 56) Chaugule Yogita Suresh Chaugule
- 57) More Amruta Balu More
- 58) Mohite Shubhangi Subhash Mohite
- 59) Kore Shivani Suresh Kore
- 60) Pujari Shital Dhanaji Pujari
- 61) Jadhav Seetal Dipak Jadhav
- 62) Kesarkar Shamal Balesaheb Kesarkar
- 63) Patil Seema Maygonda. Patil
- 64) Mujawar Arju Salim Mujawar
65. Attar Humera Mehboob Attar

HEAD,

Department of Chemistry,
Shirao Kadam Arts, Science
& Commerce College,
CHALKARANJI.



Date:- 11/01/2020

REPORT- INSTITUTE VISIT

VISIT TO

DKTE SOCIETY'S TEXTILE AND ENGINEERING INSTITUTE, ICHALKARANJI

The Dattajirao Kadam Education society as its first step established the Textile and Engineering Institute in 1982. This institute was permitted by the State Government to start a Diploma course in textiles from the academic year 1982 to 83 without any grant-in aid from the Government. This was the first educational institute in the state to be started on grant basis and encouraged by the successful establishment of this, the Maharashtra State Government took a policy decision in 1983 to permit various social and industrial organizations of the state to start professional educational institutes, the decision which brought a revolution in the thinking and pattern of the education in the state. Presently the institute conducts four degree courses, two diploma courses and one postgraduate course in textiles as well as one degree course each in Mechanical Engineering, Computer Science & Engineering, Information Technology and Electronic Engineering, Electronics & Telecommunications Engineering. The total student strength of the institute is around 1500 and has 100 teaching faculty members and 150 non-teaching staff. The management has provided excellent infrastructural facilities and a highly qualified staff. The D.K.T.E. society has also extended facilities in other areas of education by starting Primary Schools, High schools, Physical Education College and institute of Vocational Education. Our college is placed in Ichalakaranji city and this land also identified as Manchester city of Maharashtra so our department decided to visit DKTE textile institute. Our all faculty and B.Sc. III chemistry students visited DKTE textile and engineering college dated 11th January 2020.

In this institutional visit, our students assemble lot of information about various textile process. Textile process includes spinning process, Weaving process, dyeing process. In spinning department number of process are involved such as blending, carding, drafting. In blending process cotton seeds are separated from row cotton, remove all unwanted material then carding process is a mechanical process that disentangles, clean and intermix fibers to produce a continuous web also called as slivering. Cotton from carding is sliver passed to drafting which gives straightening the individual fibers and making them more parallel then sliver transfer into roving (a thin form of rope). This is the first stage where the twist is inserted for making yarn.





Spining unit

Weaving process is the method of textile production in which two distinct sets of yarn or threads are interlaced at right angle to form a fabric or cloth. This institute have a new modern machines air-jet loom, automatic jacquard rapier loom, projectile loom, circular weaving machine. Each machine have different characteristic which plays different role in manufacture of fabric. Production rate of cloths can be increased by using air-jet loom or automatic jacquard rapier loom. Circular loom is used to create seamless tube of fabric for products such as hosiery, sacks, clothing, fabric hose (such as fire hose). Circular looms can be small jigs used for circular knitting or large high speed machine for modern garments.



Pailung Circular knitting machine



Dyeing process involve scouring, bleaching, coloring. Initially stage cloth is clean up by scouring process. It removes natural fat, wax material also removes seed fragments, any remaining water soluble impurities and also any soil, husk, etc which have been trapped in the fiber mass during collection and transport. The traditional scouring for cotton good involves treatment with sodium hydroxide solution at quite high temperature. At this stage cloth contain some fraction of unwanted coloring matter and few impurities can be removed by bleaching process. Bleaching is classified into three types full bleach, Half bleach and bleaching of colored fabrics. Dyeing are the organic compound which are widely used for imparting color to textile through two important chemical process first is dyeing and second is printing. The purpose of dyeing is not only impart color to the fabric but the dyed fabric must retain the dye to the fabric.



Dyeing Unit

Fabric quality can be checked to know the strength, life of fabric etc. This is done in different labs such as textile chemistry lab, physics lab, color lab, fashion CAD lab, garment manufacturing lab. Freshly prepared yarn move to textile testing lab to check quality of yarn. This can be done by yarn abrasion test, yarn strength test, shrinkage measurement unit and tearing strength unit. Next section is fashion laboratory, as we all know in the field of fashion only constant thing is change and to have a competitive age in business, the application of CAD (computer aided design) in the production process is essential hence a study on the CAD in the field of garment become brighter. CAD provides the design with a variety of images, fabric designs which will take days to draw manually. Another section is garment manufacturing lab. It include lock stich machines, special shewing machines like button stich, button hole, enterlock machinery, waist band watch.





Our chemistry department would like to thank Principal, DKTE Textile and Engineering College for giving permission for visit. Special thank to Mrs. S.U. Shirhatti, Mr. P.S. Madbhawe and Mrs. S.V. Chavan for giving us guidance and information of laboratory instrumentation. Such a great experience and improving height of knowledge.



Department of Chemistry D.K.A.S.C. College, Ichalkaranji.



APG
11/10/2020
(Dr. A. A. Ghare)
MEAL
Department of Chemistry,
Dattajirao Kadas Arts, Science
& Commerce College,
ICHALKARANJI.