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between

**Department of Dental Materials, Yenepoya Dental college (Y.D.C.), Yenepoya
(Deemed to be) University, Deralakatte, Mangaluru, Karnataka, 575018**
and
**Department of Mechanical Engineering, P.A. College of Engineering (P.A.C.E.),
under Visvesvaraya Technological University, Konaje, Mangaluru, Karnataka,
574153.**

The Memorandum of Understanding is entered into on this day of 17th October 2018 and executed between Department of Dental Materials, Yenepoya Dental College (Y.D.C.) Yenepoya (Deemed to be) University, Deralakatte, Mangaluru, 575018. and Department of Mechanical Engineering, P.A. College of Engineering (P.A.C.E), under Visvesvaraya Technological University, Konaje, Mangaluru, 574153.

The objective of this Memorandum of Understanding is mutual Cooperation between the Department of Dental Materials, Yenepoya Deemed to be University, Deralakatte, Mangaluru, 575018. and Department of Mechanical Engineering, P.A. College of Engineering (P.A.C.E), under Visvesvaraya Technological University, Konaje, Mangaluru, 574153.

1. To collaborate in research activities between P.A.C.E Dept. of Mechanical Engineering and Dental Materials Dept., Y.D.C. to utilize the equipment available in both the departments as shown below:

Equipment available at Dept. of Mechanical Engineering in P.A.C.E.:

- ❖ Ultrasonicator
- ❖ Electro-spinning machine
- ❖ Universal testing machine
- ❖ Torsion testing machine
- ❖ Rockwell hardness and Brinell hardness testing machine
- ❖ Impact testing machine
- ❖ Muffle furnace
- ❖ Metallurgical microscope
- ❖ Fatigue testing machine

Equipment available at Dept. Dental Materials in YDC:

- ❖ Universal testing machine. (20kN load capacity 2kN and 20kN load cell): The fixture available for testing compression, tension, shear, bending (3 points and 4 points), wire grip and Brinell hardness grip with 5mm and 2mm indenter.
- ❖ Vickers and Knoop hardness tester.
- ❖ pH meter.
- ❖ Electronic balance.
- ❖ Magnetic stirrer.
- ❖ Vernier calipers, screw gauge etc.

ATTESTED

[Signature]
Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018, Karnataka.

2. The material testing equipment in the department can be utilized for research at a subsidized rate.
3. Further, whatever research happens, the publications should include the authors from both departments, acknowledging the facilities and equipment, utilized for the work.



Duration:

This Memorandum of understanding will remain for three years from the date of execution and is subjected to renewal for a further period as may be decided by mutual discussion and consent. The MOU can be terminated by either of the party with one month notice. On termination of the contract by the concerned parties, all rights on the technologies developed both the parties will have equal rights.

Any changes or additions to this Memorandum of Understanding have set their hands on the day, month and year first above written.

B.T. N. [Signature]
.....
On behalf of Dept. of Dental Materials.
Head of the
Dept. of DENTAL MATERIALS
YENEPOYA DENTAL COLLEGE
YENEPOYA UNIVERSITY
Deralakatte, Mangalore-575018

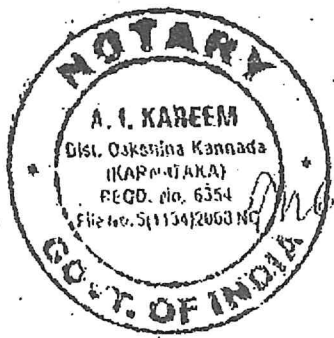
[Signature]
.....
On behalf of Dept. of Mechanical Engineering
Department of Mechanical Engineering
P.A. College of Engineering
MANGALORE

[Signature]
.....
DEAN / PRINCIPAL
Yenepoya Dental College
Yenepoya Deemed to be University
Yenepoya Dental College, Deralakatte
Mangaluru-575018

[Signature]
.....
Dean (Research) / Director (Academics)
P.A. College of Engineering, Mangaluru.

[Signature]
.....
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018

[Signature]
.....
Principal
Yenepoya (Deemed to be) University Mangaluru, P.A. College of Engineering, Mangaluru.



Notary Stamps not available in
Karnataka State from 01 / 04 / 93
Hence not affixed
[Signature]
Notary, Mangalore

Sworn and Signed Before me, this
..... day of 20.....
at Mangalore, D.K. Dist.,

[Signature]
NOTARY
Dakshina Kannada Dist

Errors / Corrections Etc. *[Signature]*

Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore