



**YENEPOYA**

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

## **Details of the Collaborative Activity**

**2019-20**

**Name of the Collaborating Institute:** Alva's College Mangalore

**Name of the Collaborating Dept:** Department of MSW

**MSW related student Activities:** PG students from MSW Dept of Alva's College have undertaken **Practical sessions** during July 2019 to May 2020.

- Ms. Vinny Babu
- Ms Anushree

**ATTESTED**

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



# ALVA'S COLLEGE

[ A Unit of Alva's Education Foundation (R.) ]

Sundari Ananda Alva Campus, Vidyagiri, MOODUBIDIRE - 574 227

Ph : 08258 - 236531, Fax : 08258 - 237341

Email : [alvascollegemoodbidri@gmail.com](mailto:alvascollegemoodbidri@gmail.com), [principal@alvascollege.com](mailto:principal@alvascollege.com)

Ref :

Date : 24.4.2019

To

The Medical Superintendent

Yenepoya Medical College and Hospital

Deralakatte, Mangaluru.

## GREETINGS FROM DEPARTMENT OF PG STUDIES IN SOCIAL WORK

Dear Sir,

Sub : Request for leave of II MSW students from field work

As a part of academic programme, college is organizing trainings, workshops and study tour to MSW students. Ms. Viny and Ms. Anushree who are placed in your esteemed organization for their practicum, will not be able attend field work on those days. So I hereby request you to consider this and oblige.

Please consider this and do the needful

Thanking you

Yours sincerely

Principal  
Principal  
ALVA'S COLLEGE  
MOODBIDRI - 574 227

Details of the programme :

1. 30.9.2019 & 1.10.2019
2. 14.10.2019
3. 21.10.2019 & 22.10.2019

Training on brief therapy  
Workshop on POCSO  
Study tour to Bangaluru

ATTESTED

Dr. Gangadhara Somayaji K.S.  
Registrar  
Yenepoya Deemed to be University  
University Road, Deralakatte  
Mangalore- 575 018, Karnataka

YU/REG/ACA/Field-work/2019

05.07.2019

HoD  
Department of PG Studies in Social Work (MSW)  
Alvas College, Vidyagiri  
**Moodbidri – 574 227**

Sir,

Sub: Field-work Placement of MSW student

Ref: Your letter dated 03.07.2019

\*\*\*\*\*

Please refer to your letter dated 03.07.2019 cited above.

Yenepoya (Deemed to be University) permits two II year MSW student of your college for field work placement at MSW Department from July 2019 to **May** 2020.

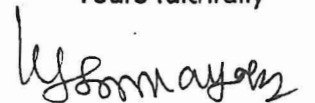
1. Ms. Vinny Babu
2. Ms. Anushree

The student will have to pay training fee @ **Rs.5000/-** per student. The amount should be paid at Yenepoya Accounts Section and receipt shown to HoD I/C, MSW.

The students may be instructed to report to HoD I/c, MSW and shall abide by the Hospital rules and regulations. Please instruct them accordingly.

Thanking you,

Yours faithfully

  
**REGISTRAR 5/7**

Copy to:

1. Finance Officer
2. HoD I/c, M.S.W. Dept.
3. Academic Section

**ATTESTED**

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

University Road, Deralakatte, Mangalore-575018

T: +91 824 220 4676 / 4668 / 4669 / 4671 / 2192 / 2193 F : +91 824 220 4667 E : [reachus@yenepoya.org](mailto:reachus@yenepoya.org)

[www.yenepoya.edu.in](http://www.yenepoya.edu.in)



## DEPARTMENT OF MSW

### CERTIFICATE

This is to certify that **Ms. VINNY BABU** II year M.S.W student of Alva's College, Moodbidri was placed at our hospital for field work placement for III & IV semesters from 29.07.2019 to 02.03.2020 in Medical and Psychiatric setting. During this period she was mainly involved in:

- Studying the hospital- genesis, structure, functioning of various clinical inpatient and outpatient departments.
- Gathering of information regarding various services provided by the hospital to the patients through different schemes and programmes.
- Conducting case study of patients to ascertain their psychosocial background and respond to their Psycho-social needs in the hospital.
- Organization and conduct group work and group education programmes for patients and their caretakers.
- Counseling and providing psycho education to the patients and their family members.
- Attending the weekly conferences conducted by the agency supervisor.

Her overall performance during the field placement period was found good.

05.03.2020

HOD

Department of MSW

Dr. Mohammed Guthigar  
HOD - MSW  
Yenepoya (Deemed to be University)

ATTESTED

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





**YENEPOYA MEDICAL COLLEGE HOSPITAL**  
(A CONSTITUENT COLLEGE OF YENEPOYA (DEEMED TO BE UNIVERSITY), Recognised under Sec 3 (A) of the UGC Act, 1956)  
Accredited by NAAC with 'A' Grade

University Road, Deralakatte, Mangalore - 575 018. Ph. : 2204668 / 69 / 70, Fax : 0824 - 2202193



Certificate No. H - 2019 - 0518  
March 31, 2019 - March 30, 2022

## DEPARTMENT OF MSW


### CERTIFICATE

This is to certify that **Ms. ANUSREE P** II year M.S.W student of Alva's College, Moodbidri was placed at our hospital for field work placement for III & IV semesters from 29.07.2019 to 02.03.2020 in Medical and Psychiatric setting. During this period she was mainly involved in:


- Studying the hospital- genesis, structure, functioning of various clinical inpatient and outpatient departments.
- Gathering of information regarding various services provided by the hospital to the patients through different schemes and programmes.
- Conducting case study of patients to ascertain their psychosocial background and respond to their Psycho-social needs in the hospital.
- Organization and conduct group work and group education programmes for patients and their caretakers.
- Counseling and providing psycho education to the patients and their family members.
- Attending the weekly conferences conducted by the agency supervisor.

Her overall performance during the field placement period was found good.

05.03.2020

  
**HOD**  
**Department of MSW**  
Dr. Mohammed Guthigar  
HOD - MSW  
Yenepoya (Deemed to be University)

**ATTESTED**

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



**YENEPOYA**

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## Details of the Collaborative Activity

2018-19

**Name of the Collaborating Institute:** Alva's College Mangalore

**Name of the Collaborating Dept:** Yenepoya Research Centre (YRC)

### Project Internship

Three students have undertaken research training in YRC during April to June 2018.

1. Ms. Anil Kumar Patil (MSc. Food Science and Nutrition)
2. Ms. Tripti V Suvarna (MSc. Food Science and Nutrition)
3. Ms. Prathvi (Dept of Biochemistry)

ATTESTED

Dr.Gangadhara Somayaji K.S.  
Registrar  
Yenepoya(Deemed to be University)  
University Road, Devalakatte  
Mangalore- 575 018, Karnataka



# ALVA'S COLLEGE

(Accredited by NAAC)

[ A Unit of Alva's Education Foundation (R.) ]

Sundari Ananda Alva Campus, Vidyagiri, MOODBIDRI - 574 227

Ph : 08258 - 236385, Fax : 08258 - 236731, Email : alvaspg@gmail.com

Ref:

Date: .....29/03/2019.....

To,

The Deputy Director,

Yenepoya Research Centre,

Yenepoya (Deemed to be University),

Mangalore

Dear Sir/ Madam,

Sub: - Students Internship work reg.

As a part of the academic curriculum II Semester students of **M.Sc. Food Science & Nutrition** have to take up a Internship for two months. I request you to give an opportunity to our student **Anil Kumar Patil** to carry out Internship in your esteemed organization and gain knowledge about research studies. Such an expose helps the students to gain an experience in working field. We would appreciate it very much, if you could kindly accept for Internship for a period of two months with effect in the month of June to August.

Thanking you

Yours faithfully

*Suresh*  
PRINCIPAL.

ALVA'S COLLEGE

MOODBIDRI - 574227 D K.

ATTESTED

Dr.Gangadhara Somayaji K.S.  
Registrar  
Yenepoya(Deemed to be University)  
University Road, Derlakatte  
Mangalore- 575 018, Karnataka



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## YENEPOYA RESEARCH CENTRE

Yenepoya (Deemed to be University)

University Road, Deralakatte

Mangalore - 575018.

Email : research@yenepoya.edu.in

dydirectoryrc@yenepoya.edu.in

Ph : +91 8242204668/69/70, Ext. 2035

06.05.2019

To,

The Principal

Alva's college of Moodabidre

Dear Sir,

### Sub: Permission to attend the internship

With respect to above subject we received application from Mr. Anil Kumar Patil for the internship of two months (01.06.2019-31.07.2019) as a part of academic curriculum. He is permitted to do the internship in our University at Yenepoya Research Centre.

Thank you,

*Rekha P.D.*  
*6/5/2019*

Dr. Rekha PD  
Deputy Director  
Yenepoya Research Centre  
Yenepoya (Deemed to be University)  
Deralakatte, Mangalore-575018

ATTESTED

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





# ALVA'S COLLEGE

(Accredited by NAAC)

[A Unit of Alva's Education Foundation (R.)]

Sundari Ananda Alva Campus, Vidyagiri, MOODUBIDIRE - 574 227

Ph : 08258 - 236531, Fax : 08258 - 237341, Email : alvascollegemoodbidri@gmail.com, principal@alvascollege.com

Ref :

Date : 12.11.2018

To,

The Manager  
Yenepoya Research Centre  
Deralakatte

Dear Sir/Madam,

**Sub: Request to permit student/s for project work – Reg.**

As part of the curricular requirement of the Mangalore University and educational pedagogy of our College it is important for the graduate students to have integrated learning. The pragmatic use of learning outcomes has to be the important indicator and evident result of effective teaching learning process. The performance of the students during practical training hence would be considered for the internal assessment of the students. To make the above possible we have made the internship/practical placement compulsory for all students after completion of theoretical classes every semester.

I request you to kindly consider our plea and provide an opportunity for the practical learning for the below mentioned student.

Sl. No.	Name of student/s	Course/class	Name of internal guide	Duration of placement	
				From	To
1.	Ms. Thripathi V Suvarna	III B.Sc. MBB	Mrs. Usha B.	4.12.2018	15.12.2018
2.	Ms. Prathvi	"	"	"	"

Contact number of the guide teacher : 9481015292

Expecting your kind consideration and needful permission.

  
PRINCIPAL  
Principal  
ALVA'S COLLEGE  
MOODBIDRI 574 227

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



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## YENEPOYA RESEARCH CENTRE

Yenepoya (Deemed to be University)

University Road, Deralakatte

Mangalore - 575018.

Email : research@yenepoya.edu.in

dydirectoryrc@yenepoya.edu.in

Ph : +91 8242204668/69/70, Ext. 2035

15.12.2018

### CERTIFICATE

This is to certify that, Ms. Thripathi V Suvarna, BSc, Dept. of Biochemistry, Alva's college, Mangalore University, has undertaken a project titled "Isolation and characterisation of Lectins from *Crotalaria Spectabilis*" under the guidance of Dr. Rajesh P Shastry, Assistant Professor, Yenepoya Research Centre, Yenepoya University Deralakatte, Mangalore during 4<sup>th</sup> December 2018 to 15<sup>th</sup> December 2018.

*Rekha P. D.*  
15/12/2018

Dr. Rekha PD

Deputy Director  
Yenepoya Research Centre  
Yenepoya (Deemed to be University)  
Deralakatte, Mangaluru-575018

ATTESTED

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

14.03.2019

**MEMORANDUM OF UNDERSTANDING (MoU)**  
**Between**  
**Alva's Education Foundation, Moodubidire**  
**and**  
**Yenapoya, Deemed to be University, Mangalore.**

This Memorandum of Understanding (MOU) sets for the terms and understanding between the Alva's education Foundation, Moodubidri (Partner 1) and Yenapoya ,Deemed to be university (Partner 2) to share the infrastructure for sports training, evaluation tools, methods of athletic training and research for the betterment of sports performance at National and International level.

**2. Objectives of MoU**

In order to share the infrastructure for sports training availed between the institution like,

- a. Sharing of indoor and outdoor sports facilities.
- b. Professional approach of teaching values with scientific approach.
- c. Sharing of coaching values with advance technical approach.

**2.Terms and Conditions**

- c. MoU may be amended, renewed, and terminated by mutual written agreement of institute at any time.
- d. Either **Institute** shall have the right to terminate this MoU upon 30 days prior written notice to the other **Institute**.

**5. Duration of MoU**

This MoU, unless extended by mutual written consent of the **Institutes**, shall expire on 15<sup>th</sup> March 2025 from the effective date specified in the opening paragraph. However, on review, the MoU shall be extended for another five years on mutual consent.

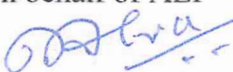
**6. Intellectual Property Rights:**

The Intellectual Property Rights (IPR) that arise as a result of joint research and collaborative activity, under the agreement will be worked in the case to case basis and will be consistent with officially laid down IPR policies of two institutes.

**7. Signed in Duplicate**

This MoU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the Institutes, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, from the effective day and year as mentioned above .

On behalf of AEF



**Dr. M. Mohan Alva**  
**Chairman**

**Alva's Education Foundation**

On behalf of Yenapoya, Deemed to be university



**Dr. Gangadhara Somayaji K S**  
**Registrar**  
**Yenapoya, Deemed to be university**  
**Mangalore.**

**Dr. Gangadhara Somayaji K S**  
**Registrar**  
**Yenapoya (Deemed to be University)**  
**University Road, Deralakatte**  
**Mangalore 575 018, Karnataka.**

**Registrar**  
**Yenapoya, Deemed to be University**  
**Mangalore.**



## MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING IS DATED 03 MONTH 14<sup>th</sup> DAY

OF 2019 AND MADE BETWEEN:

1. The **CSIR-Indian Institute of Chemical Technology (IICT)**, Uppal Road, Tarnaka, Hyderabad-500 007, India, a constituent unit of the Council of Scientific and Industrial Research (CSIR), a Society registered under Societies Registration Act (XXI of 1860), having its registered Office at Anusandhan Bhavan, Rafi Marg, New Delhi – 110 001.

(hereinafter referred to as **CSIR-IICT**, which expression shall where the context so admits include its successors and permitted assignees)

And

2. Yenepoya (Deemed to be University), Mangalore, Karnataka, India (hereinafter referred to as **YU**, which expression shall where the context so admits include its successors and permitted assignees) of the other part.


### **1.0 Introduction:**

- 1.1 CSIR- IICT & YU agree to enter into a joint collaboration for biological research on cancer especially for developing and optimizing therapeutics against cancer stem cells which epitomize the highly drug-resistant phenotypes in cancer.
- 1.2 This Memorandum of Understanding (“MOU”) sets out below the principles followed by the CSIR- IICT & YU that can establish a formal agreement regarding such activity.

### **2.0 Fields of Competence (CSIR- IICT):**

The Indian Institute of Chemical Technology (CSIR-IICT) is a leading Institute in India with expertise in several branches of chemistry especially in Organic Synthesis including Agrochemicals, natural products, medicinal chemistry, physical photochemistry backed up by world class analytical services and equipment for automated chemistry.

Terminal diseases, like cancer is given special attention and several programs are underway for development of new chemical entities as anti cancer therapeutics.

**ATTESTED**  
  
**Dr. Gangadhara Somayaji KS**  
Registrar  
Yenepoya (Deemed to be University)  
University Road, Deralakatte  
Mangalore 575 018, Karnataka.

IICT has also taken a lead in the development of drug delivery systems, especially for anticancer drugs. The integrin receptor specific liposomal delivery systems were found to be highly efficient for targeting anti-cancer drugs/genes selectively to tumor vasculatures in anti-angiogenic cancer therapy. IICT has also developed Sigma Receptor, Estrogen Receptor, Folate Receptor, Glucocorticoid Receptor-Specific liposomal delivery systems for use in Targeted Cancer Therapy. To screen and for preclinical evaluation of new delivery systems and therapeutics, target-based biochemical screens and cell-based screens for biological activity against diseases, a dedicated chemical biology facility is also arranged as part of research.

### **Fields of Competence (YU):**

The Yenepoya (Deemed to be University) is one of the premier private Universities in southern India with expertise in several branches of medical fields. The major strength of this University is its existence primarily as a Medical University, thereby enabling the accessibility of patient samples. Yenepoya Research Centre (YRC) of YU is an upcoming research centre that was established in 2008. YRC was initially established to serve as a central research support system for the constituent colleges (Medical, Dental, Pharmacy, Nursing and Physiotherapy) of Yenepoya (Deemed to be University). YRC has state-of the art facilities to support high quality research in interdisciplinary/multidisciplinary areas to meet the contemporary challenges. Currently, part from being a central research facility, various research groups/divisions are operational in YRC undertaking independent basic/applied research work. All of these research groups/divisions in YRC have internationally trained faculties with highest credentials. The research work in YRC is primarily funded with extramurally received funds from various agencies of the Government of India, as well as, YU's intramural funding.

Stem cell and regenerative medicine centre (SCRMC) is a division under YRC having that undertakes specialized research work in the area of regenerative and cancer stem cell biology. This group/division has established the basic biology of breast and colon cancer stem cells and its targeting using water soluble vitamins.

### **3.0 Principles**

3.1 The activities covered by this MOU will centre on the following:

- i. To develop newer, targeted delivery systems and cancer stem cell (CSC)-targeting molecules by CSIR-IICT.
- ii. Isolation, maintenance, propagation of cancer stem cells.
- iii. Exchange of materials and cell lines between the CSIR-IICT and YU
- iv. To conduct biological testing of the new chemical entities and delivery systems synthesized or developed by CSIR-IICT on the CSCs isolated in YU in both the Institutes, CSIR-IICT and YU.



- v. To conduct tests or experiments with CSIR-IICT materials on patient derived primary cells and on patient derived samples' humanized animal models in YU in accordance with proper human ethical clearance.
- vi. For the flow of research there shall be exchange of students between CSIR-IICT and YU.
- vii. Output of the results will be shared in the form of joint-co-authored research publications. The exchange of publications and other materials (related to publications and reports) is of common interest.
- viii. All reports to be sent for publication arising out of the joint research will bear names of investigators from both the institutions.
- 3.2 Any activity carried out within the broad framework of this MOU shall be the subject to the mutual consent of parties, taking into account any constraints of time, funding and other relevant resources.
- 3.3 It is recognized that the work carried out jointly through the collaboration will require special intellectual property protection. Legal agreements defining joint technology development will need to be implemented and will need to recognize the nature of the collaboration.
- 3.4 For the entire duration of the '**Joint Collaboration**' the partners undertake to seek each other's consent for the publication of any results arising from the research carried out by the Parties. This consent may only be withheld where justified.
- 3.5 In case of IP generated out of the outcome of the joint research, it must be first patented by either of the parties before they go into its publication.
- 3.6 If the outcome of the collaboration studies yields encouraging results useful to society or industry then, it can be pursued for attracting external funding from Govt. /Pvt. Agencies for advancement of the developed technology/process and for such purpose a joint research proposal can be submitted.
- 3.7 The intellectual property rights arising out of the programme shall be the common property between the two organizations. CSIR-IICT shall file the joint patent application and all the necessary support like the persons who have directly contributed to the intellectual property generation shall be mentioned as inventors by CSIR-IICT and YU.
- 3.8 The sharing of intellectual property among the two organizations shall be in the ratio of 50:50 (CSIR-IICT and YU).
- 3.9 The expenditure connected with securing and maintaining the Intellectual Property Rights shall be shared equally in the above said ratio by CSIR-IICT and YU.
- 4.0 The sharing of revenues, in case if it is licensed / commercialized shall be shared in the above said ratio between the two Institutes, namely 50:50 (CSIR-IICT and YU).

ATTESTED

Dr. Gangadhara Somayaji K S  
Registrar  
Yenepoya (Deemed to be University)  
University Road, Deralakatte  
Mangalore 575 018, Karnataka,  
Mangalore 575 016, Karnataka.

4.1 The molecules and delivery systems provided by CSIR-IICT if found active in biological testing in CSCs, will also be tested in advanced animal models developed in both CSIR-IICT and YU after obtaining appropriate clearances from the Animal Ethics Committee.

**5.0 Separate Agreements:** In addition, it is envisaged that each activity, that the parties wish to pursue in accordance with the purpose of this MOU will be governed by terms and conditions to be separately negotiated and mutually agreed upon by the parties through the signing of one or more subsidiary agreements.

#### **6.0 Renewal Amendment and Termination:**

6.1 This MOU shall be effective for an initial period of 5 years from this date. Thereafter, this MOU may be extended for further periods of 5 years or for any other period of time as deemed appropriate by both parties, subject to their mutual consent any such extension to be made in writing.

6.2. Either party may amend or vary this MOU at any time provided it is with the prior written consent of both parties.

6.3. Either party may terminate this MOU at any time by giving six month's notice to the other party in writing.

#### **7.0 General**

7.1 The parties to this MOU shall not be deemed to be in breach of this understanding or otherwise liable to any other party in any manner whatsoever for any failure or delay in performing or initiating the activities proposed in this MOU.

7.2 This MOU records the understanding between the parties and is not intended to be a legally binding document and shall not be enforceable in any court of law.

Registrar  
For/on behalf of

4 /5| Page

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

CSIR-IICT  
[For/on behalf of]



Signed ks somayaji

Signed Dr. P. Radha Krishna 14/3/2019

Name: Dr K S GANGADHARA SOMAYAJI  
Registrar  
Yenepoya (Deemed to be University)  
University Road, Deralakatte  
Mangalore 575 018

Designation: Registrar

Date: 20/03/2019

Seal:

Name: डॉ. पि. राधा कृष्णा  
Dr. P. Radha Krishna  
मुख्य वैज्ञानिक एवं अध्यक्ष / Chief Scientist & Head  
ज्ञान एवं सूचना प्रबंधन प्रभाग  
Knowledge & Information Management Division  
सीएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान  
CSIR-Indian Institute of Chemical Technology  
Tarnaka, Hyderabad - 500 007, Telangana, India.

Designation:

Date:

Seal:

Witnesses

1)

Name:

Designation:

Affiliation:

2)

Name:

Designation:

Affiliation:

ATTESTED

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