



Details of the Collaborative Activity

2016-2021

Name of the Collaborating Institute: SDM College, Ujire, Karnataka

Name of collaborating Department: Dept of MSW, Yenepoya Medical College

Activities:

1. Student training internship:

MSW students from SDM College, have undertaken field or one month internship

July 2020 to November 2020

a. Ms. Jenny PJ

July 2019 to November 2019

b. Ms. Alphonsa CJ

c. Mr. Sirajuddeen

July 2017 to November 2017.

d. Ms. Megha

August 2016 to September 2016.

e. Ms. Sandhya,

f. Ms. B.S. Sinchana

g. Ms. Mary PJ.

Joint Research and Publication:

Shastri RP, Ghate SD, Kumar BS, Srinath BS, Vasantg Kumar. Vanillin derivwtive inhibits quorum sension and biofilm formation on *Pseudomonas aeguginosa*: a study in a *C. elagans* infection model.

Natural Product Research, 2021

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

DEPARTMENT OF MSW

CERTIFICATE

This is to certify that **Ms. Jenny P J**, II year M.S.W student of SDM College, Ujire was placed at our hospital for field work placement from 04.07.2020 to 24.11.2020 in Medical and Psychiatry setting. During this period she was mainly involved in:

- Studying the hospital structure, functioning of various clinical inpatient and outpatient departments.
- Gaining knowledge on various services and facilities provided by the hospital to the patients through different health schemes and programmes.
- Conducting of case work, group work and group education programmes for patients and their caretakers.


During the placement, she was punctual and regular to the field work and fulfilling the field work tasks to the satisfaction of our field work supervisor.

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

11.08.2021

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

YU/REG/ACA/Field-work/2019

17.07.2019

The Head of the Department
P.G. Department of Social Work
Shri Dharmasthala Manjunatheshwara College
Ujire – 574 240.

Sir,

Sub: Field-work Placement of MSW students

Ref: Your Letter dated 11.07.2019

Yenepoya (Deemed to be University) is pleased to permit two II year MSW students of your college to undergo field work placement at MSW Department, Yenepoya Medical College Hospital from 18th July 2019 to 29th November 2019 two days in a week i.e. Thursdays & Fridays.

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 names of the students may be intimated to the 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
17/7

Copy to:

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

 **ATTESTED**

Dr.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

www.yenepoya.edu.in

DEPARTMENT OF MSW

CERTIFICATE

This is to certify that **Ms. Alphonsa C J**, II year M.S.W student of SDM College, Ujire was placed at our hospital for field work placement from 08.07.2019 to 22.11.2019 in Medical and Psychiatry setting. During this period she was mainly involved in:

- Studying the hospital structure, functioning of various clinical inpatient and outpatient departments.
- Gaining knowledge on various services and facilities provided by the hospital to the patients through different health schemes and programmes.
- Conducting of case work, group work and group education programmes for patients and their caretakers.

During the placement, she was punctual and regular to the field work and fulfilling the field work tasks to the satisfaction of our field work supervisor.

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

11.08.2021



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
(DEEMED TO BE UNIVERSITY)

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 **Mr. Sirajuddeen**, II year M.S.W student of SDM College, Ujire was placed at our hospital for field work placement from 02.08.2019 to 29.11.2019 in Medical and Psychiatry setting. During this period he was mainly involved in:

- Studying the hospital structure, functioning of various clinical inpatient and outpatient departments.
- Gaining knowledge on various services and facilities provided by the hospital to the patients through different health schemes and programmes.
- Conducting of case work, group work and group education programmes for patients and their caretakers.

During the placement, he was punctual and regular to the field work and fulfilling the field work tasks to the satisfaction of our field work supervisor.

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

11.08.2021

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

SRI DHARMASTHALA MANJUNATHESHWARA COLLEGE (AUTONOMOUS)
UJIRE-574 240



DAKSHINA KANNADA, KARNATAKA STATE
(Re-Accredited by NAAC at 'A' Grade with CGPA 3.61 out of 4)
Ph: 08256-236221, 236101 (O) 236400 (R) Fax: 236220, 237801

e-mail: sdmcollege@rediffmail.com, sdmcollege@sdmcujire.in, Website: www.sdmcujire.in
NO.SDMC: 07/MSW-F.W/2017-18



26-07-2017

To,
The Medical Superintendent,
Yenepoya Hospital,
Mangalore.

Dear Sir/Madam,

Greetings from Department of PG.Studies and Research in Social Work.

Postgraduate programme in Social Work is being offered by our college since 2001. As part of the academic requirements the students of final year MSW need to undergo field work training.

May I expect you to consider the possibility of permitting our one student specialized in Medical and Psychiatric Social Work for the field work placement and training in your organization from 27th July 2017 to 30th November 2017.

If permitted the students need to work in your organization for two days in a week i.e. Thursday and Friday. Working hours may be specified as per the rules of your organization. Kindly oblige and encourage the learning process of the students.

Kindly accommodate the following student.

1. Ms.Megha

Encourage and oblige our students in gaining specialized practical experience.

Thanking you,


Yours sincerely,


(Mr.Ravishankar K.R.)

HEAD OF THE DEPARTMENT

P.G. DEPT. OF SOCIAL WORK
S.D.M. COLLEGE, UJIRE

ATTESTED

Reported
on Saturday


Dr. Gangadhar Somayaji K.S.
Registrar

Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore- 575 018, Karnataka



Recognised under Sec. 3(A) of the UGC Act 1956 as per notification number F.9-11/2007.U.3 (A) dated 27-02-2008
Accredited by NAAC with 'A' Grade

YU/REG/ACA/Field-work/2017

12.07.2017

The Head of the Department
P.G. Department of Social Work
Shri Dharmasthala Manjunatheshwara College
Ujire – 574 240.

Sir,

Sub: Field-work Placement of MSW students

Ref: Your letter No. SDMC:07/M.S.W.-F.W/2017-18 dated 23.06.2017

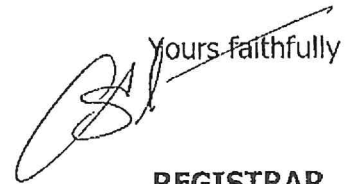
Please refer to your letter dated 23.06.2017 cited above.

Yenepoya University permits your 2 students of MSW course specializing in Medical & Psychiatric Social Work to undergo field-work training at Yenepoya Medical College Hospital from 26.07.2017 to 30.11.2017 for two days in a week i.e., Wednesday & Thursday.

The students will have to pay training fee @ Rs.2500/- per student per month at Yenepoya Accounts Section and receipt shown.

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

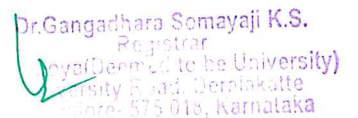
Thanking you,


Yours faithfully

REGISTRAR

Dr. G. Shreekanar Menon
Registrar
Yenepoya University

ATTESTED


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

Copy to:

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

CERTIFICATE

This is to certify that Ms. Megha M.K II year M.S.W student of SDM College, Ujire was placed at our hospital for field placement from 08.07.2017 to 23.11.2017 for two days in a week i.e. Thursday and Friday 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 educative programmes for patients and their caretakers.
- Attending the weekly conferences conducted by the agency supervisor.


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

05.12.2017

HOD
Department of MSW

HOD
Department of MSW
Yenepoya University
Deralakatte, Mangalore-18

ATTESTED


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

CERTIFICATE

This is to certify that Mary P.J II year M.S.W student of SDM College Ujire was placed at our hospital for field placement for one semester from 28.07.2016 to 25.11.2016 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.
- Collection 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 educative 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.

21.12.2016


HOD
Department of MSW

 **ATTESTED**

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

CERTIFICATE

This is to certify that Ms B.S Sinchana II year M.S.W student of SDM College Ujire was placed at our hospital for field placement for one semester from 04.08.2016 to 25.11.2016 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.
- Collection 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 educative 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.

21.12.2016


HOD
Department of MSW

ATTESTED

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

CERTIFICATE


This is to certify that Ms Sandhya II year M.S.W student of SDM College Ujire was placed at our hospital for field placement for one semester from 04.08.2016 to 25.11.2016 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.
- Collection 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 educative 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.

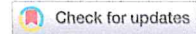
Her overall performance during the field placement period was found good.

21.12.2016



HÖD
Department of MSW

ATTESTED

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

SHORT COMMUNICATION



Vanillin derivative inhibits quorum sensing and biofilm formation in *Pseudomonas aeruginosa*: a study in a *Caenorhabditis elegans* infection model

Rajesh P. Shastry^a , Sudeep D. Ghate^a, B. Sukesh Kumar^a, B. S. Srinath^b and Vasanth Kumar^c

^aDivision of Microbiology and Biotechnology, Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangalore, Karnataka, India; ^bDepartment of Studies and Research in Microbiology, Post Graduate Centre, Mangalore University, Kodagu, Mangalore, Karnataka, India; ^cPG Department of Chemistry, Shri Dharmasthala Manjunatheshwara College (Autonomous), Ujire, Karnataka, India

ABSTRACT

Vanillin and its derivative, (4-((E)-(4-hydroxy-2-methylphenylimino)methyl)-2-methoxyphenol (MMP) were showed clear inhibition of violacein and pyocyanin at sub-MICs indicating a possible quorum quenching effect of both the compounds. MMP was able to inhibit the biofilm formation in *Pseudomonas aeruginosa* PAO1 at 125 µg/mL ($p < 0.05$), while vanillin at 250 µg/mL ($p < 0.05$) indicating that they act against quorum sensing regulated biofilm formation. The inhibition of biofilm was confirmed by visualization through fluorescence microscopy followed by docking analysis of molecules against quorum sensing activator proteins. *Caenorhabditis elegans* survival assay revealed that vanillin and MMP were able to increase survival of *C. elegans* from *P. aeruginosa* PAO1 infection. The study showed that the potent features of the MMP and vanillin in inhibiting the quorum sensing regulated virulence and biofilm, which was proved in *C. elegans* infection model as well as molecular docking studies.

ARTICLE HISTORY

Received 1 December 2020
Accepted 3 February 2021

KEYWORDS

Anti-quorum sensing;
Pseudomonas aeruginosa;
vanillin; *Caenorhabditis elegans*; biofilm

CONTACT Rajesh P. Shastry  rpshastry@yenepoya.edu.in

 Supplemental data for this article can be accessed at <https://doi.org/10.1080/14786419.2021.1887866>.

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 ATTESTED

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