



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

2018-19

Name of the Collaborator: Mr. Shashanka G K, Mangaluru

Name of the Collaborating Department: Yenepoya Research Center.

Year of MOU: 2018

Activities:

Joint Research:

Mr. Shashanka G K from Mangalore worked as a consultant for Center for Systems Biology and Molecular Medicine, Yenepoya Research center for computational data analysis and interpretation for various proteomic, genomic and metabolomics projects during 2018 to 2020

MoU: MoU Document between Center for Systems Biology and Molecular Medicine and Mr. Shashanka G K was signed in the year 2018.

ATTESTED

Dr.Gangadhara Somayaji K.S.
Registrar
Yenepoya(Deemed to be University)
University Road, Deraiakatte
Mangalore-575012,Karnataka

To
The Registrar
Yenepoya (Deemed to be University)
Deralakatte, Mangalore

March 26, 2018

Through proper channel

Dear Sir,

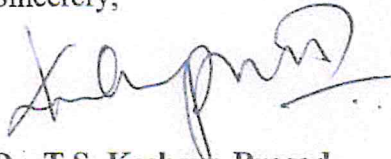
Sub: Revision of the Memorandum of Understanding (MOU) with Mr. Shashanka, consultant for Center for Systems Biology and Molecular Medicine (CSBMM), Yenepoya Research Centre

Mr. Shashanka has been working as a consultant for the Center for Systems Biology and Molecular Medicine (CSBMM), Yenepoya Research Centre since November 30, 2015 and we had a MOU with him to this effect. We recently reviewed his contributions to CSBMM's progress. As a consultant, he has immensely contributed to ongoing research projects and has also participated in training activities. We would like to engage Mr. Shashanka as a consultant for the following projects for a period of one year.

1. Brain proteome project
2. Buffalo genome project
3. Proteomics projects on cancers and infectious diseases
4. Development of brain proteome portal
5. Development of metabolomics reference database
6. Development of data analysis tools and scripts

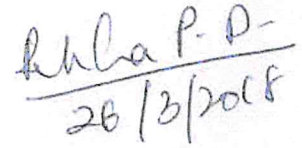
We are also proposing to extend his services from 8 hours per week to 16 hours per week. We request you to approve the revised MOU and extend his appointment as a consultant for one year.

Thanking you,
Sincerely,



Dr. T.S. Keshava Prasad
Professor and Deputy Director
Center for Systems Biology and Molecular
Medicine
Yenepoya (Deemed to be University)
Mangalore, Karnataka, India - 575018

Forwarded by



26/3/2018

Deputy Director
Yenepoya Research Centre
Yenepoya University
Deralakatte, Mangalore-575 018

Enclosures:

1. Revised Memorandum of Understanding
2. A report on the activities of Mr. Shashanka at Center for Systems Biology and Molecular Medicine for the previous MOU term

ATTESTED

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

YENEPOYA RESEARCH CENTRE

07.08.2018

To,

The Finance officer
Yenepoya (Deemed to be University)

Dear Sir,

Mr. Shashanka G.K., an independent consultant has been assisting in the projects on OMICs data analysis with the Center for Systems Biology and Molecular Medicine, YRC. His attendance for the month of July is as follows.

Total No. of days worked: 10

Total hours of work: 40

Details of the work:

1. PERL sessions for BiSEP students.
2. Detected bug in YRC website contact form and provided the fix idea for the same.
3. PTM- Pro manuscript review comment incorporation.
4. Cow genome sequence alignment and assembly – AbySS assembler for Deoni

I request you to pay an amount of Rs. 20,000/- for the month of July, 2018 towards the above job.

Thank you,

Dr. Rekha P.D.
7/8/2018
Dr. Rekha P.D.
Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)
Deralakatte, Mangaluru-575018

ATTESTED

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

Office of the Deputy Director
Yenepoya Research Centre
Yenepoya (Deemed to be University)

497

8/8/2018



MEMORANDUM OF UNDERSTANDING

Center for Systems Biology and Molecular Medicine, Yenepoya Research Centre
Yenepoya (Deemed to be University), Deralakatte, Mangalore- 575 018, Karnataka, India.

AND

Shashanka G K
1stFloor, West Gate Centre,
Pumpwell, Mangalore - 575002, Karnataka, India.

ATTESTED

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



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MEMORANDUM OF UNDERSTANDING

This agreement is entered into at Mangalore on this day the 1st in the month of February in the year two thousand and eighteen between;

Center for Systems Biology and Molecular Medicine, Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangalore, Karnataka, India- 575 018 (hereinafter called 'CSBMM')

AND

Shashanka G K, 1st Floor, West Gate Centre, Pumpwell, Mangaluru - 575002

WHEREAS CSBMM is an academic research center under Yenepoya Research Centre at Yenepoya (Deemed to be University), Mangalore engaged in the genomic, proteomic and metabolomic approaches to investigate human diseases, pathogens, host pathogen interactions and their application to molecular medicine and biomedical research.

WHEREAS Shashanka G K is a software professional engaged in development of web applications, office automation, quality assurance and software integration.

Both the above parties held discussions at various times to enter into an agreement related to matters of mutual interest and decided to deduce their respective roles and points of agreement jointly hereunder:

ATTESTED



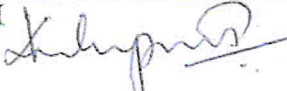


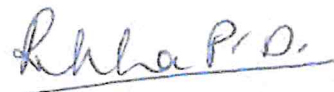
Dr. Gangadhara Somayaji K S
Registrar
Yenepoya (Deemed to be University)
University Road, Deralakatte
Mangalore 575 018, Karnataka.

The following are the conditions of the MOU

1. Both the parties decided to work closely on research projects pertaining to big data analysis pertaining to genomics, transcriptomics and proteomics. These research projects will be an attempt to enhance the knowledge in the fields of genomic, transcriptomic and proteomic data analysis.
2. Dr. Keshava Prasad, Dr. Sneha Pinto and other scientists who are part of these projects will represent CSBMM and Mr. Shashanka G K will represent himself. They will supervise the above-mentioned research projects.
3. Both the parties will work for academic interest. In the event of the outcome of any intellectual property, both the parties will share it as then decided upon. Both the parties will be co-authors in research papers, conference presentation and academic events that emanate from the proposed research projects.
4. As per the mutual agreement, Mr. Shashanka G. K. will facilitate genomics, transcriptomics, and proteomics data analysis. He will spend a minimum of 16 hours per week at CSBMM, Yenepoya (Deemed to be University) carrying out the above tasks.
5. CSBMM will provide all the logistics and software required for data analysis. In addition, consultancy of Mr. Shashanka G. K. shall be reimbursed by Yenepoya (Deemed to be University) as decided upon from time to time.
6. The validity of this Memorandum of understanding will be for one year.
7. Both parties can terminate this agreement with clear one-month notification regarding discontinuation of the projects.

ATTESTED

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

<p style="text-align: right;"></p> <p style="text-align: right;">Registrar Yenepoya (Deemed to be University) University Road, Deralakatte Mangalore - 575 018</p> <p>Signature:..... Date:February 1, 2018</p> <p>Dr. G. Shree Kumar Menon Registrar Yenepoya (Deemed to be University) Mangalore - 575018, Karnataka, India</p>	<p style="text-align: right;"></p> <p style="text-align: right;">Registrar Yenepoya (Deemed to be University) University Road, Deralakatte Mangalore - 575 018</p> <p>Signature:..... Date:February 1, 2018</p> <p>Mr. Shashanka G K 1stFloor, West Gate Centre, Pumpwell, Mangalore, Karnataka, India - - 575002</p>
<p>Witness I </p> <p>Keshava Prasad T.S. Professor and Deputy Director Center for Systems Biology and Mol. Medicine YRC, YU</p> <p>Witness II </p> <p>Arun H. Patil, Lecturer Center for Systems Biology and Mol. Medicine, YRC -YU.</p>	<p>Witness I </p> <p>Yashwanth Subbanna Sr. Scientific Officer (AP-II) Center for Systems Biology & Mol. Makhe YRC, YU</p> <p>Witness II </p> <p>Deputy Director Yenepoya Research Centre Yenepoya University Deralakatte, Mangalore-575 018.</p>

ATTESTED



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