

Details of the Collaborative Activity

2018-19

Name of the Collaborating Institute: RDL Technologies Pvt. Ltd. Mangalore

Name of the Collaborating Department: Yenepoya Research Center and Center for Nutrition Studies.

Year of MOU: 2018

Activity:

Joint Research Project:

Dr. K Sudhakaraprasad, YRC in collaboration with Dr. Rajeev Shetty, RDL Technologies Pvt Ltd. submitted Joint research project entitled “Development of Disposable e-PAD Biosensor for Diagnosis of Subclinical Ketosis in Livestock” to BIRAC-PACE scheme with proposal reference number BT/CRS0734/PACE-17/19.

MoU: MoU was signed between Yenepoya (Deemed to be University) and RDL Technologies Pvt. Ltd. Mangalore in the year 2018.

ATTESTED

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



Research YRC <research@yenepoya.edu.in>

Fwd: To convey the permanent Reference No -BT/TEMP4907/PACE-17/19

1 message

Sudhakara Prasad <ksprasadnair@yenepoya.edu.in>
To: Research YRC <research@yenepoya.edu.in>

Tue, May 25, 2021 at 3:06 PM

----- Forwarded message -----

From: **Sudhakara Prasad** <ksprasadnair@yenepoya.edu.in>
Date: Mon, Apr 15, 2019 at 12:18 PM
Subject: Fwd: To convey the permanent Reference No -BT/TEMP4907/PACE-17/19
To: [Raghav shetty <raghav@rdltech.in>](mailto:raghav@rdltech.in), [Raji K <raji@kvasu.ac.in>](mailto:raji@kvasu.ac.in)

Fingers Crossed.

----- Forwarded message -----

From: **BIRAC** <biraccrs.dbt@nic.in>
Date: Mon, Apr 15, 2019 at 12:10 PM
Subject: To convey the permanent Reference No -BT/TEMP4907/PACE-17/19
To: <ksprasadnair@yenepoya.edu.in>
Cc: <innovation@yenepoya.edu.in>, <biraccrs.dbt@nic.in>, <investment.birac@gov.in>

Dear Dr. K Sudhakaraprasad ,

Ref: Temporary ID No. BT/TEMP4907/PACE-17/19, We are pleased to inform you that your proposal titled, Development of Disposable e-PAD Biosensor for Diagnosis of Subclinical Ketosis in Livestock has qualified the initial eligibility check and is currently under process. The permanent reference number of your proposal for all future correspondence is BT/CRS0734/PACE-17/19

We shall get back to you shortly.

Regards,

Programme Manager

PACE

Note: This is an auto-generated email

--
K.Sudhakaraprasad, PhD
Assistant Professor|Yenepoya Research Centre & Centre for Nutrition Studies
Yenepoya University|University Road|Deralakatte
Mangalore 575018|Karnataka|India
+91-9108772501|+91-9544340364
<https://sites.google.com/site/prasadresearchgroup2015/home>
http://yenepoyaresearch.edu.in/Faculty/Dr_Prasad/About.php

--
K.Sudhakaraprasad, PhD
Assistant Professor|Yenepoya Research Centre & Centre for Nutrition Studies
Yenepoya (Deemed to be University) |University Road|Deralakatte

ATTESTED

Dr. Gangadhara Somayaji K S
Registrar
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University Road, Deralakatte
Mangalore 575 018, Karnataka.

BIRAC-PACE 2019 with Kerala Veterinary and Animal Science University, RDL Technologies Pvt Ltd.

Proposal Reference No.: BT/CRS0734/PACE-17/19

FACE SHEET

Title Of The Proposal		
Development of Disposable e-PAD Biosensor for Diagnosis of Subclinical Ketosis in Livestock		
Proposal Category		
CRS-Contract Research Scheme		
Applicant Institute		
Yenepoya University		
Proposal Duration		
24 (months)		
Relevant Area		
Healthcare-Devices and Diagnostics		
Support Requested From BIRAC		
Grant-In-Aid		
Solely/ Collaborative		
Collaborative Project		
Partner Details		
Partner(s)	Partner Type	MoU
Kerala Veterinary and Animal Sciences University	Institutions	View File
RDL Technologies	Company	View File

ATTESTED


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



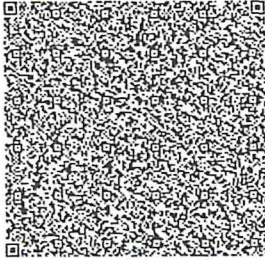
सत्यमेव जयते

INDIA NON JUDICIAL Government of Karnataka

e-Stamp

Certificate No. : IN-KA86330142461582Q
Certificate Issued Date : 26-Jun-2018 03:42 PM
Account Reference : NONACC (FI)/ kaksfcl08/ HAMPANKATTA/ KA-DK
Unique Doc. Reference : SUBIN-KAKAKSFCL0814968973735986Q
Purchased by : YENEPOYA DEEMED TO BE UNIVERSITY
Description of Document : Article 12 Bond
Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : YENEPOYA DEEMED TO BE UNIVERSITY
Second Party : RDL TECHNOLOGIES PVT LTD
Stamp Duty Paid By : YENEPOYA DEEMED TO BE UNIVERSITY
Stamp Duty Amount(Rs.) : 100
(One Hundred only)

For ST MILAGRES CREDIT SOUARDHA CO-OP
LTD KARWAR, Br. Hampankatta, MANGALURU




AUTHORISED SIGNATORIES

-----Please write or type below this line-----


FRAMEWORK AGREEMENT FOR COLLABORATION ON ACDEMIC, RESEARCH AND EXTENSION ACTIVITIES BETWEEN YENEPOYA (DEEMED TO BE UNIVERSITY) AND RDL Technology PVT.LTD.

This Agreement dated June 15, 2018 is made BY AND BETWEEN:

The party of the first part,

For RDL TECHNOLOGIES PVT. LTD.,


Shree G. S. Menon
Registrar

ATTESTED

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

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at www.sholestamp.com Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority

Dr. Shreekumar Menon, Registrar of Yenepoya University, Deralakatte, Mangalore, Karnataka, India, acting on behalf of Yenepoya University, Mangalore.

And the party of the second part,

Mr. Raghavendra G. Shetty Founder Director & CEO,
RDL Technologies Pvt. Ltd.

The Parties mutually acknowledge the necessary capacity to subscribe to this Framework Agreement, and to this effect:

DECLARE


FIRST.-

That **Yenepoya (Deemed to be University)** is a Private Deemed-to-be University under section 3A of the UGC Act 1956 (2008). The University was accredited with NAAC "A" grade with CGPA points 3.14 in the year 2015. University offers 105 different programmes in Health and Allied Sciences, The University currently has on its rolls nearly 3500 students. The University has introduced 70 new programmes during last 5 years. The University has introduced PhD programme in 39 Departments and Research Centres as per the UGC regulations. Research fellowship schemes and short research studies have been included in the curriculum to bring about research orientation and practice of evidence based medicine. 19 Application Oriented Courses and Value Added programmes enable students to acquire soft skills and provide greater employment opportunities.

SECOND RDL Technologies Pvt. Ltd. (Details enclosed as SCHEDULE-1).

THIRD.- That both parties according to their nature and purposes share interests in the development of Product development, research and extension activities in order to foster the creation of cost effective diagnostic solutions and transfer of knowledge. Therefore, both parties are interested in signing an agreement regulating this collaboration and developing the described objectives. From now on this agreement will be called Framework Agreement, subject to the following

CLAUSES


Dr. G. Shreekumar Menon
Registrar
Yenepoya (Deemed to be University)
Mangalore 575 018

FIRST.- OBJECTIVE

For RDL TECHNOLOGIES PVT. LTD.,


Director

ATTESTED


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

This Framework Agreement is intended to facilitate the scientific exchange and advice between the undersigned institutions within the scope described in this document and, in particular, those activities related to development of Cost effective, easy to use, hand-help medical Solution and associated systems for accurate detection of identified ailments.

SECOND.- FORMS OF COLLABORATION

The forms of collaboration under this Framework Agreement may include, but are not limited to:

1. Jointly prepare product specifications and features to enable development of diagnostic tool set to detect specific ailments.
2. Development of Electro-Chemical based sensor and the embedded system for data processing, Human Machine Interface and hence fulfil all Electronics and Computer related requirements respectively.
3. Implementation and product prototype realization to specification and patent.
4. Develop Commercial products, associated documentation
5. Patent and Grants
6. Whatever other form of collaboration considered necessary to meet the objectives of this Agreement.

THIRD.-DEVELOPMENT AND MANAGEMENT OF JOINT ACTIVITIES


The development of the activities to be developed jointly between the Parties shall be established through specific Agreements, in which the signatory entities or any other minority holdings shall be able to intervene, directly or indirectly.

The specific Agreements shall refer to this Framework Agreement and, where appropriate, shall establish the economic contributions which are necessary for the adequate development of the project.

In regard to the project associated to this agreement, it is understood that the first party would be responsible for securing and managing the required funding for the project. The role of the Second party is to develop the embedded system for data processing and Human Machine Interface respectively and work jointly on all activities in realization and commercialization of the product.

For RDL TECHNOLOGIES PVT. LTD.,


Director


Dr. G. Shree Kumar Menon
Registrar
Yenepoya (Deemed to be University)
Mangalore 575 013

WATTESTED

Dr. Gangadhara Somay
Registrar
Yenepoya (Deemed to be Ur
University Road, Deral
Mangalore 575 013, Kasr

FOURTH.- SUPERVISION OF THE EXECUTION OF THE FRAMEWORK AGREEMENT

A Supervision Committee shall be created to interpret, supervise and control compliance with this Framework Agreement, as well as with the specific Agreements subscribed to during the development of this Agreement. Each party shall designate two of the four members of the Committee, which shall meet at least once a year.

The Committee shall interpret the questions that may arise regarding the content of this Agreement and shall ensure coordination, development, supervision and implementation of the actions set forth therein.

FIFTH.- LENGTH OF THE AGREEMENT

This Framework Agreement shall remain in force for a period of Five years, and may be extended for additional periods by agreement of the Parties, unless otherwise expressed by one of the Parties and communicated at least three months before the expiry date.

The specific Agreements made in the course of this Agreement shall be of the agreed length for each case.

SIXTH.- DISCLOSURE OF INFORMATION

Any information or publicity resulting from collaboration under this Framework Agreement or the specific Agreements shall include the collaboration between the Parties.

SEVENTH.-TERMINATION

This Framework Agreement may be amended at any time by agreement of all Parties, at request of either party, and may be terminated by any of the following causes:

- a) by mutual agreement, duration of 3 months from the time mutually agreed ;

For RDL TECHNOLOGIES PVT. LTD.,


Director

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ATTESTED


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

- b) due to a serious and repeated breach of the obligations under the agreement;
- c) due to a denunciation of any of the Parties in accordance with the seventh clause;
- d) Other causes set out in the legislation currently in force.

EIGHTH.- JURISDICTION

This Agreement has a civil nature. Any conflicts that could arise regarding the interpretation and execution of this Agreement will be resolved by mutual agreement and by the Supervision Committee mentioned in the fourth clause.

In any case, disputes concerning the interpretation and implementation of this Agreement which cannot be resolved by the Supervision Committee shall be settled by the Civil Courts within Mangaluru.

Ninth – Intellectual Property Rights

All Intellectual Property generated by both the parties is free to be used for activities bound by this MoU. In case there be a need to use the Intellectual Property generated within the scope of this MoU to be used elsewhere, a separate MoU is recommended. This MoU is expected to cover aspects like Royalty, Revenue sharing, Patent, Concept, instrument and product handling and branding

Tenth – Space and Basic Infrastructure

First party is willing to provide space with basic required infrastructures for joint Product Development Lab this would help improved collaboration and enabling quality product realization.

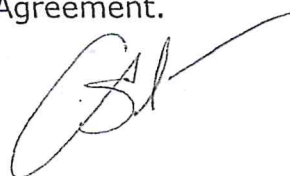
IN WITNESS WHEREOF, the undersigned, being duly authorized, sign this Framework Agreement in duplicate, on all the sheets, in the place and on the date mentioned at the beginning of said Agreement.

For RDL T.



...T. LTD.,

Director
RDL Technologies Pvt. Ltd



Yenepoya University

Dr. G. Sreekanth Menon
Registrar
Yenepoya (Deemed to be University)
Mangalore 575 018

ATTESTED

Dr. Gangadhara Soma
Registrar
Yenepoya (Deemed to be U
University Road, Deral
Mangalore 575 018, Kar

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.
Tel. : 6665 8282 Fax : 022-6665 8013

Date: November 30, 2016

Grant ID*: Health-YMCH/AR/db

* To be referenced in all communications/reports to the Trust

Dr. Abhay Nirgude
Yenepoya Medical College Hospital
Yenepoya University
University Road, Darlakatte, Mangalore - 575018
Karnataka- India
Email: abhaynirgude@gmail.com
Contact number: +919866130015

Subject: Sanction for an amount of Rs. 64.00 lakhs over one year to Yenepoya Medical College Hospital, Mangalore for the project "Evaluating the impact of Cancer Awareness Outreach Program in Udupi district of Karnataka state"

Dear Dr. Nirgude,

We are pleased to inform you that the Trustees of the Tata Education and Development Trust (the Trust) have approved a grant of Rs. 64.00 Lakhs (Rupees Sixty Four Lakhs only) to Yenepoya Medical College Hospital, Mangalore for the project titled Evaluating the impact of Cancer Awareness Outreach Program in Udupi district of Karnataka state for a period of one year. This grant is being made in response to your letter dated November 09, 2016 sent with the proposal and related correspondence on the matter.

The grant is made subject to the following **Particular Conditions of Contract (PCC)** and **General Conditions of Contract (GCC)**.

Particular Conditions of Contract (PCC)

1. Amount of Grant

Rs. 64.00 Lakhs (Rupees Sixty Four Lakhs only)

2. Term

One year; commencing from December 01, 2016 to November 30, 2017

3. Purpose

This grant is to be specifically used for the purposes set out in Annexure 1, hereto. Any variations made, without prior written approval of the Trust will be considered a ground for termination of the grant.

ATTESTED

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

Prof. & 9/10/16
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Derlakatte, Mangalore-575018

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.
Tel. : 6665 8282 Fax : 022-6665 8013

4. Disbursement of the grant

The grant will be disbursed in the following instalments over a period of one year.

Table 1: Instalment Details

Instalment No.	Period	Amount (In Rs. In Lakhs)	Funds raised from Other Sources (In Rs. In Lakhs)
1	December 2016	32.00	-
2	June 2017	32.00	-
	Total	64.00	-

- The disbursement schedule of the grant instalments is as shown in the Table 1 with one or a combination of the following applicable clauses.
- If applicable, the instalments mentioned above will be contingent upon Yenepoya Medical College Hospital, Mangalore raising contribution from 'Other Sources'.
- Disbursements will be subjected to review by the Trust and the availability of funds with the Trust. The Trust will not be responsible or held liable for any consequences that may arise if disbursements are not made due to any cause beyond the control of the Trust and an act, deed or omission not attributable to the Trust.

5. Utilisation of funds

- The Trust will release an instalment after review of the utilisation as per the reports (as mentioned in the Grant Letter) submitted by Yenepoya Medical College Hospital, Mangalore. Yenepoya Medical College Hospital, Mangalore may request for the next instalment in advance to mitigate risk of shortfall of funds.
- The Trust discourages funds from Other Sources being used for the specific line items supported by the Trust unless specified in the Annexure 1, Project Budget annexed with this grant letter or if prior approval is taken from the Trust.
- Cost overruns, if any, will be borne by your organisation and changes in the time-frame of the project will be brought to the notice of the Trust and activities corresponding to the revised timeframe will be undertaken only with prior written approval.

6. Submission of Reports:

1. **Annual Work Plan (AWP):** The Annual Work Plan should be submitted as per schedule in Table 2, in the format provided in Annexure 4 (Please refer to the Annexure 8, Guideline for Annual Work Plan). The process of finalisation may include a comprehensive external review exercise if applicable, in March every year, which will feed into the Annual Work Plan exercise. The first review of the annual work plan will be undertaken in December, 2016.
2. **Baseline Survey Report:** A comprehensive Baseline Survey Report if applicable, should be submitted by Yenepoya Medical College Hospital, Mangalore to the Trust as given in Table 2. The parameters for the baseline data collection and the monitoring indicators should be developed jointly in consultation with the Trust team and Yenepoya Medical College Hospital, Mangalore team/representatives. (Not Applicable)

ATTESTED

Dr.Gangadhara Somayaji K.S.
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Mangalore- 575 018, Karnataka

DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-57501

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.

Tel. : 6665 8282 Fax : 022-6665 8013

3. **Quarterly Reports:** Brief project progress reports are to be submitted to the Trust every quarter. These will consist of the following two documents:

a. **Quarterly Progress Report (QPR):** This report should be submitted quarterly within 25 days of completion of the quarter, to the Trust as given in Table 2, providing a description of progress made specifically on activities undertaken / completed since initiation of the project, as per the AWP, in the format provided in Annexure 2a.

b. **Utilisation Certificate (UC):** The Utilisation Certificate (UC) should be submitted quarterly within maximum of 25 days of completion of the quarter, to the Trust as given in Table 2, in the format provided in Annexure 2b (Please refer to the Annexure 7, Guideline for Utilisation Certificate). **Utilisation Certificates may be sent unaudited quarterly, however, must be sent audited (Certified by a Chartered Accountant) six monthly.** Any variances or discrepancies in line items will have to be explained in detail in a covering letter ensuring reporting periods do not overlap across any two financial years.

4. **Annual Progress Report (APR):** Annual Progress Report should be submitted yearly within 30 days of completion of the year, to the Trust as given in Table 2, providing a detailed description of progress made in the project, as well as specific progress in project activities against the AWP, in the format provided in Annexure 3.

5. **Audited Statement of Accounts:**

(i) A consolidated annual audited statement of accounts of grantee name including a separate schedule regarding the project supported by the Trust should be submitted as given in Table 2.

(ii) Presentation of Grant received from Tata Education and Development Trust in the Annual Statement of Accounts: The grant received from Tata Education and Development Trust should be treated as an Earmarked Fund in the nature of revenue and all Income and Expenditure should be routed through the same. Only grant utilized during the year should be recognized as Income in the organisation's Income & Expenditure statement.

6. **Project End Report:** A Project End Report should be submitted as given in the Table 2.

Table 2: Report Submission Due dates

Name of the Report	Frequency	Submission Due Dates
Annual Work Plan(AWP)	1. December 2016 to March 2017	December 2016
	2. April 2017 to November 2017	March 2017
Baseline Survey Report	One time activity	Not Applicable
Quarterly Progress Report (QPR)	1. December 2016 to March 2017	April 25, 2017
	2. April 2017 to June 2017	July 25, 2017
	3. July 2017 to September 2017	October 25, 2017
	4. October 2017 to November 2017	December 25, 2017
Utilisation Certificate (UC)	Quarterly unaudited	
	1. December 2016 to March 2017	April 25, 2017
	2. April 2017 to June 2017	July 25, 2017
	3. July 2017 to September 2017	October 25, 2017
	4. October 2017 to November 2017	December 25, 2017
	Six monthly audited	
1. December 2016 to March 2017	April 25, 2017	

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Tel. : 6665 8282 Fax : 022-6665 8013

Name of the Report	Frequency	Submission Due Dates
Annual Progress Report	2. April 2017 to November 2017	December 25, 2016
	1. December 2016 to March 2017	April 30, 2017
	2. April 2017 to November 2017	December 30, 2017
Audited Statement of Accounts	1. March 31, 2017	September 30, 2017
	2. March 31, 2018	September 30, 2018
Project End Report	One time activity	December 30, 2017

7. Contributions from Other Sources not Brought into the Accounts of the Grantee

Details regarding funds from other sources utilised for the project, specifying the amounts brought into the accounts of the grantee, must be detailed in Annexure 2b, Utilisation Certificate of this letter. Furthermore, a statement/document/letter of proof from the funding agency/government department/institution must be attached, certifying that the amount mentioned above has been raised from the said source towards the project during the specified period. These documents should be sent every time a new grant is received from other sources along with the corresponding QPR/UC as specified in the AWP. All further Trust grant instalments will be disbursed subject to the receipt of the above. (Not Applicable)

8. Changes in Budget

- For any change in the budget, (between line items or by way of insertion of a new line item), prior written approval must be sought from the Trust.
- If prior approval is not sought and changes are made, it will be grounds for termination of the grant.

9. Monitoring and Evaluation

The Trust shall monitor the use of the grant funds and conduct a review of operations under this grant, which may include a visit of Trust personnel or Trust representatives, to observe your project, discuss the project and finances with your personnel and review financial and other records and materials connected with the activities financed by the Trust. You shall perform monitoring activities as per MEL work-plan as given by the Trust and periodically report the progress to the Trust using MEL Integrated Reporting Template sent with this letter.

Please refer to Annexure 5, MEL KPI sheet.

General Conditions of Contract (GCC)

10. Separate Bank Account

Yenepoya Medical College Hospital, Mangalore will maintain a separate bank account (preferably savings bank account) in a Scheduled Commercial Bank for the purpose of this grant and proof of the same should be furnished to the Trust. All receipts and payments related to the said project must be routed through this account.

11. Internal Systems

- You will be required to ensure that appropriate and adequate accounting / financial systems and procedures are in place together with the required and appropriate human resource.
- If required by the Trust, a joint project Steering Committee and Advisory Committee may be set up by Yenepoya Medical College Hospital, Mangalore to track progress of the project as described in the proposal.

ATTESTED

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Deralakatte, Mangalore-575018

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.

Tel. : 6665 8282 Fax : 022-6665 8013

12. Books of Accounts

- Yenepoya Medical College Hospital, Mangalore shall ensure maintenance of accounting books, records, documents and other evidence relating to this Grant Letter, adequate to show, without limitation, all costs incurred and revenues earned by Yenepoya Medical College Hospital, Mangalore for the project and the overall progress towards completion of the project.
- The Standard Accounting Package used by Yenepoya Medical College Hospital, Mangalore should ensure that separate cost centres are maintained for each line item mentioned in the detailed project budget. Also, please ensure that the expenses made towards each of the sub-line items are traceable through the cost centre wise statements.
- The Trust encourage maintenance of accounts using the licensed version of any Accounting Package, as a prudent practice in the interest of your organisation.

13. Procedure for Booking of Expenses

- Based on the project design, expenditure must be grouped under three main heads:
 - i. Funds to be spent directly by Yenepoya Medical College Hospital, Mangalore
 - ii. Funds to be transferred to the account of another implementing or partner organisation/s (if appropriate)
 - iii. Funds to be transferred to a community based organisation/s

The grouping of various budget items under the above heads must be as per the activities indicated in the detailed project budget.

- All pre-approved expenditure charged to Trust for the Grant given must be on actual basis. No notional expenses, other than those already incorporated in the budget if any and agreed upon as notional should be charged to the Trust.
- Accounts of all project linked organisations would also be subject to audit by the Trust. Trust may conduct the audit on their own or through their external auditors. In specific cases where project activities involve funds to be transferred for direct and collaborative work with communities, a Joint Bank Account (preferably savings bank account) must be opened, which should be operated with joint signatures of representatives of Yenepoya Medical College Hospital, Mangalore and the community-based organisation implementing the activities. Maintenance of this joint account shall be the responsibility of the community-based organisation. The community-based organisation must maintain separate books of accounts for the funds received and payments made. Their books of accounts shall be available for scrutiny and for all periodic audits conducted by the Trust. Details regarding operationalisation of the above, are required to be shared with the Trust within six months of the commencement of the project.

14. Cash payments

Cash withdrawals to make payments are permitted where the same are supported by proper vouchers, invoices, and the like, subject to a maximum cumulative limit of Rs. 20,000/- per month. All other payments should be made by crossed Account Payee cheque or Demand Draft.

15. Interest earned on grant funds

- Yenepoya Medical College Hospital, Mangalore should avoid keeping idle bank balances and preferably place them in short term bank deposits based on expected cash flows. The liquidity maintained in the bank account should not exceed a month's requirement.
- Interest received on grant funds must be reported to the Trust as per the project Utilization Certificate and should be credited into the dedicated bank account.

Handwritten initials

ATTESTED
Handwritten signature

Handwritten signature
Prof. Q. H. D. D.

DEPT. of COMMUNITY MEDICINE
YENEPLOYA MEDICAL COLLEGE

Dr. Gangadhara Somayaji K.S. Deralakatte, Mangalore-575014
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Tel. : 6665 8282 Fax : 022-6665 8013

- Interest should be used towards line items stated in the Grant Letter only; with prior approval of the Trust.

16. Audit by Trust

- The Trust shall be entitled to conduct an audit of project accounts including procurement and work procedures in the field (wherever applicable), within a month of the Trusts' audit notification as mutually agreed with Yenepoya Medical College Hospital, Mangalore.
- The Terms of Reference of the audit will be shared with Yenepoya Medical College Hospital, Mangalore at least one week before the Audit.
- The Trust conducts the following types of Audits:
 - Financial Systems Check / Pre Assessment
 - Grant Utilisation and Compliance Audit
- All compliances relating to the audit observations / recommendations of the Trust appointed auditors need to be closed within six months of the completion of the audit. No further grant instalments shall be disbursed by the Trust till all Audit related issues are addressed.

17. Information and Publicity

With prior consent of Trust and if Trust so desires -

- Trust support to Yenepoya Medical College Hospital, Mangalore should be recognised in all publications /studies/ hoardings/ banners/ posters arising from the grant, or otherwise, by mentioning, "...supported by the Trust". Your organisation will acknowledge this in all correspondence, public notices, community activation, press releases and dissemination exercises. The same will have to be approved by the representatives of the Trust prior to actual printing/release.
- Tata Trust will need to have access and right to use data on the evidence created during the project period with all the information. Due acknowledgement needs to be given to the Trust on the Research/ publishable material emerging from this evidence.
- Yenepoya Medical College Hospital, Mangalore will also furnish Tata Education and Development Trust name with all the information that may be requested for.

18. Quality, Health, Safety and Environment

Yenepoya Medical College Hospital, Mangalore is responsible for all acts and omission of Yenepoya Medical College Hospital, Mangalore's personnel and for the health, safety and security of such persons and their property. The provision of information by Tata Education and Development Trust shall not in any respect relieve Yenepoya Medical College Hospital, Mangalore from responsibility for its obligations under this agreement.

19. Obligations of the Grantee

- Yenepoya Medical College Hospital, Mangalore undertakes to comply with all statutory obligations as may be applicable and amended from time to time and to obtain relevant permissions from the concerned Government departments under the applicable laws. The grantee also agrees to ensure that the relevant policies and guidelines of applicable statutes are implemented, such as The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013, Child Protection Policy as per the Ministry of Woman and Child Development Guidelines etc.
- The officials/ workers of Yenepoya Medical College Hospital, Mangalore working under this contract will not in any way be termed to be officials/ workers of the Trust, but would be officials/ workers of Yenepoya Medical College Hospital, Mangalore. Any claim/ liabilities arising on account of these officials/ workers would be borne by Yenepoya Medical College Hospital, Mangalore and the Trust's grant shall not be utilised for discharging any such claim/ obligation.

MS

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


Prof. H. S. S.
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte. Mangalore-575018

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.

Tel. : 6665 8282 Fax : 022-6665 8013

20. Repayment of Grant Funds

If any of the grant funds remain unused at the expiry of the grant period, such amount must be returned/ repaid within one month from the agreed date of closure, to the Trust by Yenepoya Medical College Hospital, Mangalore along with all the unspent interest earned on the grant funds together with the utilization certificate.

21. Amendment of the Grant terms

The Trust reserves the right to unilaterally amend at any time during the continuance of the grant any of the terms and conditions herein which amendment will be conveyed to you and would be binding on you.

22. Indemnification

Yenepoya Medical College Hospital, Mangalore shall indemnify and hold Trust and its Trustees and their respective officers, employees, agents, harmless from and against any and all claims, demands, actions, losses, liabilities, damages, costs and expenses (including, but not limited to, reasonable attorneys' fees) arising out of or resulting from (i) Grantee's gross negligence or wilful misconduct or breach of any undertaking, covenant, representation or warranty contained in this Grant Letter or (ii) the actual infringement of any patent, trademark, copyright, trade secret or other intellectual property right of a third party.

23. Termination

If Yenepoya Medical College Hospital, Mangalore commits a breach of the terms and conditions of the grant or shows unsatisfactory progress, Tata Education and Development Trust will have a right to terminate the said grant. Upon termination, Trust reserve the right for calling back the unspent and uncommitted funds as on the date of termination. The Trust reserves the right to share information of defaulters with respect to this grant agreement in the public domain. The following conditions will be considered as breach of this contract:

- Failure to inform in writing to the Trust about all material facts or changes subsequent to the date of the grant, which have a bearing either directly or indirectly on the project.
- Failure to inform the Trust if and when the grantee receives a grant from any other agency for the same purpose to the extent of the whole/part of the sanctioned amount. In such a case, the Trust grant to the extent funded by the said agency should be refunded to the Trust immediately.
- Selling, mortgaging, letting-out or disposing off any assets purchased or created under this grant agreement without prior approval of the Trust.

Non-compliance of any terms and conditions under this letter and inability to rectify or respond within 30 days of receipt of a written communication from the Trust in this regard, shall be deemed as a breach of contract and automatic termination of the said agreement.

24. Governing Law and Jurisdiction

This grant letter shall in all respects be governed by the laws of India and any dispute arising out this letter between the Parties shall be submitted to the exclusive jurisdiction of Courts of Mumbai. However, nothing in this Agreement shall be deemed to limit or prohibit the Trustees / Trust from initiating criminal/civil proceedings at any place within and outside India, in respect of any act or omission on your part which constitutes a criminal offence under applicable law.

If you are in agreement with the terms and conditions of the grant letter, please indicate Yenepoya Medical College Hospital, Mangalore's agreement to the same, by having the enclosed copy of this letter along with the Annexures (Only where counter signature is required as mentioned below) countersigned by an

16/11

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

Prof. H. Q. A. 6
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-575018

Tata Education and Development Trust

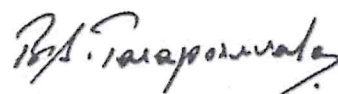
c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.
Tel. : 6665 8282 Fax : 022-6665 8013

authorised officer, and returned to the Trustees of the Tata Education and Development Trust. The first instalment of this grant shall be disbursed on receipt of the countersigned copy of this grant letter.

It is also understood that by countersigning the copy of this grant letter, Yenepoya Medical College Hospital, Mangalore confirms that there has been no change in its status as a non-profit body registered with any competent authority such as the Charity Commissioner/ Registrar of Societies/ Registrar of Companies (u/s 8 only)/ Income Tax Act having adjudication over charitable organisations.

On behalf of the Trust, we extend our best wishes to you in your future endeavours.

Yours Sincerely,



(B. S. Taraporevala)

Secretary & Chief Financial Officer

ACCEPTED & AGREED


For 'Name of the grantee organisation and stamp':

By 'Authorised Signatory' :

Name and Designation :

Date :

PAN Number :


DR ABHAY SUBHASHRAO NIRGUDE
PROF & HOD, DEPT. of Community Medicine
YMC, YU - Mangalore 575018
01/12/2016.
AAATY1645F

Prof. & H.O.D.
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-575018

Cheque to be drawn in favour of: (Savings Account)

Project Bank Account no. :

Bank Name :

Branch Name :

IFSC Code :


Bank Address :

"YU Cancer Awareness Outreach
Program Evaluation"
182701011000973
VIJAYA BANK
YENEPOYA UNIVERSITY BRANCH
VIJB0001827
YENEPOYA UNIVERSITY, DERALAKATTE 575018

Note: Along with the abovementioned details we request you to please provide us with:

- Copy of a cancelled Cheque
- Copy of the passbook or bank statement (whichever is available) issued for the separate bank account open for Trust funds.
- Copy of the PAN Card

ATTESTED


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

Tata Education and Development Trust

c/o. Sir Ratan Tata Trust, Bombay House, Homi Mody Street, Fort, Mumbai-400001.
Tel. : 6665 8282 Fax : 022-6665 8013

Annexures:

- Annexure 1 – Project Budget Sheet (Counter Signature Required*)
- Annexure 2a – Quarterly Progress Report (For periodic report submission**)
- Annexure 2b- Utilisation Certificate (UC) (For periodic report submission**)
- Annexure 3- Annual Progress Report (For periodic report submission**)
- Annexure 4 – Approved AWP template (For periodic report submission**)
- Annexure 5- MEL KPI Sheet (For periodic report submission**)
- Annexure 6– Guideline for Budget template (For Information***)
- Annexure 7 – Guideline for Utilisation Certificate (UC) (For Information ***)
- Annexure 8 – Guideline for Annual Work Plan (For Information***)

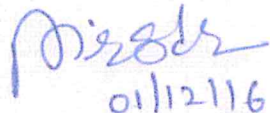
Note:

*Annexures where counter signature required will be sent first through email and the countersigned originals need to be obtained subsequently along with the main Grant Letter

**Annexures will be sent through email and the same must be used for reporting as per the applicable clauses in Grant Letter

***Annexures which are 'For Information' to the Grantees can be shared in soft copies and no counter signature are required or awaited

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01/12/16

Prof. & H.O.D.
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-575018

ATTESTED


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

Yenepoya Medical College Hospital, Mangalore									
BUDGET YEAR 1									
Period in months	12								
Sr No	Budget Head	Trust				Local Cont Rs	Other Donor Rs	Bank Contribution Rs	Grand Total Rs
		Unit	Time	Unit cost Rs	Total Rs				
1	PERSONNEL								
1.1	Program								
1.1.1	Investigator	1	9	50,000	450,000	-	-	-	450,000
1.1.2	Research Assistant	1	9	50,000	450,000	-	-	-	450,000
1.1.3	Field workers	33	6	18,000	3,564,000	-	-	-	3,564,000
1.1.4	Data entry operator	2	6	18,000	216,000	-	-	-	216,000
1.1.5	Statistician	1	6	35,000	210,000	-	-	-	210,000
	Sub Total Salary Prg.				4,890,000	-	-	-	4,890,000
1.2	Admin								
	Sub Total Salary Adm.				-	-	-	-	-
	Total Salary				4,890,000	-	-	-	4,890,000
2	CAPITAL COST								
2.1	Atlas ti software	1	1	180,000	180,000	-	-	-	180,000
2.2	Photocopier	1	1	71,270	71,270	-	-	-	71,270
2.3	Computer system	1	1	60,000	60,000	-	-	-	60,000
2.4	Audio Recorder	1	1	20,000	20,000	-	-	-	20,000
	Total Capital Cost				331,270	-	-	-	331,270
3	PROGRAM COST								
3.1	Travel cost for Investigator and research assistant	90	1	3,000	270,000				270,000
3.1.1	Stationary	320	5	150	240,000				240,000
3.1.2	Logistics for FGD	8	40	500	160,000				160,000
3.1.3	Report preparation	1	1	50,000	50,000				50,000
3.1.4	Sharing data in conference	1	1	20,000	20,000				20,000
3.1.5	Publication cost	1	1	30,000	30,000				30,000
3.1.6	National Workshop	1	1	271,500	271,500				271,500
3.1.7	Miscellaneous	1	1	-	-				-
	Total Program Cost				1,041,500	-	-	-	1,041,500
4	OVERHEAD COST								
4.1	10% Contingency (Capital + Program Cost)	1	1	137,277	137,277	-	-	-	137,277
	Total Overhead				137,277	-	-	-	137,277
	Grand Total				6,400,047	-	-	-	6,400,047

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01/12/2016
Prof. & H.O.D.
DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-575018

ATTESTED
W

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

Yenepoya Medical College Hospital, Mangalore							
TOTAL BUDGET							
Sr No	Budget Head	Trust		Local Cont Rs	Other Donor Rs	Bank Contribution Rs	Grand Total Rs
		Year 1 Rs	Total Rs				
1	PERSONNEL						
1.1	Program						
1.1.1	Investigator	450,000	450,000	-	-	-	450,000
1.1.2	Research Assistant	450,000	450,000	-	-	-	450,000
1.1.3	Field workers	3,564,000	3,564,000	-	-	-	3,564,000
1.1.4	Data entry operator	216,000	216,000	-	-	-	216,000
1.1.5	Statistician	210,000	210,000	-	-	-	210,000
	Sub Total Salary Prg.	4,890,000	4,890,000	-	-	-	4,890,000
1.2	Admin						
	Sub Total Salary Adm.	-	-	-	-	-	-
	Total Salary	4,890,000	4,890,000	-	-	-	4,890,000
2	CAPITAL COST						
2.1	Atlas ti software	180,000	180,000	-	-	-	180,000
2.2	Photocopier	71,270	71,270	-	-	-	71,270
2.3	Computer system	60,000	60,000	-	-	-	60,000
2.4	Audio Recorder	20,000	20,000	-	-	-	20,000
	Total Capital Cost	331,270	331,270	-	-	-	331,270
3	PROGRAM COST						
3.1	Travel cost for Investigator and research assistant	270,000	270,000	-	-	-	270,000
3.1.1	Stationary	240,000	240,000	-	-	-	240,000
3.1.2	Logistics for FGD	160,000	160,000	-	-	-	160,000
3.1.3	Report preparation	50,000	50,000	-	-	-	50,000
3.1.4	Sharing data in conference	20,000	20,000	-	-	-	20,000
3.1.5	Publication cost	30,000	30,000	-	-	-	30,000
3.1.6	National Workshop	271,500	271,500	-	-	-	271,500
3.1.7	Miscellaneous	-	-	-	-	-	-
	Total Program Cost	1,041,500	1,041,500	-	-	-	1,041,500
4	OVERHEAD COST						
4.1	10% Contingency (Capital + Program Cost)	137,277	137,277	-	-	-	137,277
	Total Overhead	137,277	137,277	-	-	-	137,277
	Grand Total	6,400,047	6,400,047	-	-	-	6,400,047

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01/12/2016

Prof. & H.O.D.

DEPT. of COMMUNITY MEDICINE
YENEPOYA MEDICAL COLLEGE
Deralakatte, Mangalore-575018

W
ATTESTED

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

wd: Short term research projects – 2016-2017

r Poonam Nirgude <drpoonamnaik@gmail.com>
: shilpa amin <shilpaamin19@gmail.com>

Thu, Oct 1, 2020 at 4:21 P

----- Forwarded message -----

From: **tbassnindia@yahoo.co.in** <tbassnindia@yahoo.co.in>
Date: Thu, 11 Aug 2016, 3:05 pm
Subject: Short term research projects – 2016-2017
To: drpoonamnaik@gmail.com <drpoonamnaik@gmail.com>

Sir/Madam,

We feel pleasure to inform you that your research project titled “Programmatic Management Issues in Tuberculosis and Diabetes Mellitus: A Mixed Method Approach“ has been approved for grant of financial assistance. An assistance of up to Rs.20,000/- has been approved.

- The amount approved will be disbursed to you in two equal instalments. The cheques will be issued in favour of the Principal Investigator.
- The first instalment will be released on receipt of your consent/agreement to undertake the project. Second and the final will be disbursed on submitting the satisfactory progress of the project and the Association being satisfied with the same.
- The results/findings of the research may also be used by the TAI for publication in its Indian Journal of Tuberculosis. So it may not be given/disclosed by the researcher to any one without the prior permission of TAI.
- It is imperative for you or the sponsors of your research project to take care of the statutory requirements such as ethical clearance for the project.

You are advised to start the research project and conclude it within the period as envisaged in your proposal.

The next National Conference (NATCON) is scheduled to be held from 16th to 18th December, 2016 at PGI, Chandigarh. We propose to have one or two scientific sessions for TAI-assisted short term research projects in this conference. So if your research outcome is ready by 15th of November, 2016, it may be considered for presentation at the NATCON. If final report is not ready by NATCON, an interim report could also be considered for presentation.

Before initiating the project, you are also advised to submit the permission of the Head of Department/Institution where you intend to conduct the research if you have not forwarded your project through them.

Yours faithfully,

(Tejinder Ahluwalia)
Secretary General


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

Agreement on principles between Tata Trusts and Yenepoya (Deemed to be University)

This Joint Letter of Intent (hereinafter "LoI") constitutes an agreement on principles of engagement and is made and entered into as of 24th April, 2018 by and between:

(1) **Tata Trusts¹** (as further defined hereinafter), the trusts being registered under the Maharashtra Public Trusts Act, 1950 and having their registered office at Bombay House, 2nd floor, 24 Homi Mody Street, Fort, Mumbai 400001 (hereinafter referred to as the "TT", which expression shall wherever the context permits, admits or requires be deemed to mean and include its successors-in-interest and permitted assigns) **OF THE FIRST PART**

And

(2) **Yenepoya (Deemed to be University)**, having its office at University Road, Deralakatte, Mangalore- 575018 (hereinafter referred to as "Yenepoya" which expression shall wherever the context permits, admits or requires be deemed to mean and include its successors-in-interest and permitted assigns) **OF THE SECOND PART**

TT and Yenepoya are hereinafter together referred to as "Parties" and individually as "Party".

A. Cancer Control Vision

Tata Trusts and Yenepoya (Deemed to be University) have a common focus towards improving cancer care in Karnataka, starting with the Mangalore catchment region. The parties wish to provide comprehensive cancer care to patients at affordable rates to reduce waiting times and eventually improve clinical outcomes.

The purpose of this LOI is to initiate a collaborative relationship between Tata Trusts and Yenepoya to work together in the coming years to achieve the vision of strengthening cancer control in the state of Karnataka.

A cancer care center will be built on Yenepoya campus. In addition, the university will also identify and allocate land to Tata Trusts for creating a radiation hub in the region which will cater to patients from Karnataka and other states. This hub will be built in a phased manner, after detailed supply demand gap analysis of the region.

B. Proposed Collaboration

- The proposed collaboration will be along the lines described in Annexure 1

ATTESTED

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

¹ "Tata Trusts" refers to Sir Dorabji Tata Trust & Allied Trusts and Sir Ratan Tata trust & Allied Trusts.

- The university will provide land at campus and outside, in Mangalore to Tata Trusts for development of the 2 facilities on a long-term lease for a nominal fee. Yenepoya shall obtain/ assist in obtaining all requisite permissions, approvals, clearances, etc. required from the government bodies for setting-up and operating the centres from time to time.
- TT will be responsible for all investments required for setting up of the centre as required, through their special purpose vehicle, Alamelu Charitable Foundation (hereinafter referred to as "ACF")²
- Tata Trusts will conduct detailed analysis and recommend a suitable configuration for the facilities along with masterplans.
- The cancer hospital will be owned and operated by ACF. An MoU will be signed between Yenepoya and ACF which will outline the roles and responsibilities of both, in detail.

C. Non-exclusive

This LOI is not intended to limit or restrict activities of either Parties and they shall be free to carry out activities independent of each other at their free will.

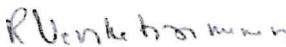
D. Limitation of liability

No rights or limitation of rights will arise from the terms of this LOI. Both Parties indemnify each other for any liabilities that may arise out of this LOI.

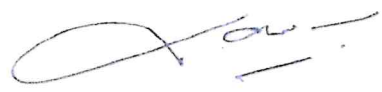
E. Entire understanding

This LOI constitutes the entire present understanding of the Parties pertaining to matters contemplated hereunder at this time and the Parties shall work closely with each other to detail out the understanding.

For Tata Trusts


Mr. R Venkataramanan
Managing Trustee,
Tata Trusts

For Yenepoya (Deemed to be University)


Mr. Yenepoya Abdulla Kunhi
Chancellor,
Yenepoya (Deemed to be University)

ATTESTED 

Date: April 24th, 2018

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

² ACF is an initiative of Tata Trusts, a Section 8 company, being a Special Purpose Vehicle, incorporated under laws of India, and having its administrative office in Vijayawada, Krishna Dist, AP-520008

Annexure 1

Cancer Care in Karnataka

Karnataka, with a population of approximate 6.1 crores that is growing at 1.5% annually has good health indicators comparable to some of the better states in India. However, the state's cancer incidence rate of 110 per lakh population is higher, compared with the incidence of 104 in Tamil Nadu, the neighboring state. Lung, prostate and stomach cancer contribute to top 25% of cancers in men. The high incidence of cancer in men is attributed to high tobacco consumption. Breast, cervix and ovary cancers contribute to top 45% of cancers in women.

With increasing risk factors and improved diagnosis, the incidence of cancer is expected to grow from 73,000 in 2016 to c. 1,60,000 by 2030

To cater to this load of cancer cases in the state, currently, there are only 6 government cancer care facilities in Karnataka with Kidwai Memorial Institute of Oncology (KMIO), Bengaluru serving as the apex centre for the state. The other government cancer centres are located at Kalaburagi, Bellary, Mandya, Hassan, Mysore and Hubli.

In addition to these government facilities, multiple private sector hospitals in the state offer comprehensive cancer care services. However, given the cost of treatment in these hospitals, only a small share of the population – c.20-25% can afford to get treated at these centers.

The remaining population is dependent on KMIO for Comprehensive cancer care. The other facilities spread across the state offer limited care to the patients and hence for any lifesaving/life quality enhancement treatment, the population is dependent on KMIO. This puts lot of pressure on its infrastructure and has led to long waiting lists for radiation and chemotherapy services at KMIO.

S. No	Service	Wait Time
1	Medical Oncology	1.5-2 months
2	Radiation oncology	2 months

ATTESTED


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

Therefore, there is a need to provide an immediate alternative to KMIO through establishment of a comprehensive cancer care facility in the state that serves the underprivileged sections of the society.

Proposed Facility at Yenepoya (Deemed to be University)

Yenepoya (Deemed to be University) is the first deemed to be university in Dakshina Kannada district of Karnataka with faculties of Medicine, Dentistry, Nursing, Allied

Health and Healthcare Management. The teaching hospital is a multi-specialty facility with 1,020 beds and is equipped with 2 MRIs, CT, Mammography and other radiology and imaging equipment, besides - diagnostic modalities, laboratory and blood bank.

Yenepoya Medical College Hospital provides medical and surgical oncology services at highly subsidized rates to the people of Karnataka and North Kerala. There are 80 beds earmarked for oncology. The hospital has partnered with K.S. Hegde Charitable Hospital to refer patients for radiation therapy.

The hospital gets patients from various districts of the state such as Shimoga, Kodagu, Chikkamagalur, Chitthradurga, Bellary, Haveri, Dharwad, Koppal, Tumkur, Davanagere, and Hassan. Volume of work undertaken in oncology is as follows:

Specialty	Medical Oncology	Surgical Oncology	Radiation Oncology (referred outside)
Volumes 2017	2791 (# of cycles)	517 surgeries	285 (# of patients)

Yenepoya (Deemed to be University) has requested Tata Trusts to support them in enhancing access to cancer care among the poor in the catchment region of the hospital and widen the reach to be able to serve larger segment of the society.

Proposed Configuration of the Cancer Centre

Based on the supply gap analysis of the catchment, a separate cancer centre will be built on campus. A radiation hub will also be set-up to cater to the demand of patients both from Karnataka and outside the state, in a phased manner.

Broad configuration of the cancer centre on campus is given below:

Category	Description (Phase 1)	Part of Cancer Centre / Yenepoya teaching hospital
Cancer OPD	6-10 consulting rooms	• Cancer Centre
Operating Rooms	4	• Cancer Centre
Inpatient Wards	Wards: 68 beds ICU: 12 beds Palliative Care: 10 beds	• Cancer Centre
Day Services	Emergency: 2 beds Chemotherapy: 12 beds Day care: 6 beds	• Cancer Centre
Pre/ Post Op	10 Beds	• Cancer Centre

ATTESTED

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

Diagnosics	X Ray, Fluoroscopy, Ultrasound, Mammo, CT, MRI, C-Arm, Endoscopy, lab services such as haematology, pathology, Tumor markers, Biochemical tests and other lab facilities related to cancer	<ul style="list-style-type: none"> • Services to be provided by Yenepoya, on a pre-determined tariff • University to ensure convenience of the hospital patients and limited waiting time
Nuclear Medicine	PET CT Gamma Camera	<ul style="list-style-type: none"> • Cancer Centre
Blood Bank with Components	Yes	<ul style="list-style-type: none"> • Services to be provided by Yenepoya
Pharmacy – IP and OP	Yes	<ul style="list-style-type: none"> • Pharmacy to be operated by the Cancer Centre
Hostel and Staff Accommodation	Yes	<ul style="list-style-type: none"> • Services to be provided by Yenepoya, on a pre-determined tariff • University to ensure all patients, attendants and staff in need of accommodation are provided accommodation

Configuration of Radiation Hub will be decided post detailed analysis.

Operating Model

Construction Phase

- Yenepoya (Deemed to be University) will provide land at campus to Tata Trusts for development of the cancer center and outside campus for radiation hub, on a long-term lease for a nominal fee.
- Yenepoya (Deemed to be University) shall obtain/ assist in obtaining all requisite permissions, approvals, clearances, etc. required from the government bodies for setting-up and operating these two facilities from time to time.
- Tata Trusts will conduct detailed primary research in the catchment region and recommend a configuration of cancer services suitable to the catchment demand profile i.e. the types of cancers, the demographics of the cancer patients, to suggest bed mix, equipment plan and staffing plan.
- TT will get the existing architectural plans peer reviewed for compliance with the latest regulations and international best practices, and will also hire a suitable agency for building construction.

ATTESTED

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

- Tata Trusts, through its special purpose vehicle, ACF, shall be solely responsible for all investments required for setting up of the facilities – including procuring all medical equipment required. However, diagnostic modalities available with Yenepoya (Deemed to be University) will not be duplicated at the cancer centre.
 - Cancer patients will be referred to the Yenepoya teaching hospital for diagnostics- radiology, lab services including haematology, biochemistry, pathology and other cancer related services and pre-agreed tariff will be charged by the Yenepoya teaching hospital from ACF
- Yenepoya (Deemed to be University) will continue to handle education and research activities to complement the cancer services provided at these facilities

Operational Phase

The cancer centre and radiation hub will be owned and operated by Tata Trusts through its special purpose vehicle, ACF, in close consultation with Yenepoya (Deemed to be University). This would involve:

- Joint Recruitment and placement of the clinicians, nurses and other technical staff in the facilities. Existing oncology staff at the teaching hospital will become a part of the new cancer centre and the salaries/ incentives will be as per the new policies
- Selection and installation of new technologies, systems and IT infrastructure at the facilities
- Connecting the facilities to the National Cancer Grid, which is a network of major cancer centers, research institutes, patient groups and charitable institutions across India
- Implementing Standard Operating Procedures (SOPs) for the smooth running of the facilities
- Define the general policy of management for the facilities
- Defining the tariff structure for the facilities
- Operating the cancer centre pharmacy and providing low cost drugs and consumables to patients
- Responsible for all present and future investments in the facilities including in respect of the services. This will exclude equipment and laboratory related expenditures
- Co-Branding including the name of the facilities

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The cancer centre will outsource certain non-medical services to the Yenepoya teaching hospital in the first year of operations. This may include Cafeteria, Kitchen, Laundry, CSSD, Ambulatory Services, Staff, Patient & Attendant Accommodation and Blood bank. Going forward, based on requirement and ease of operations, the cancer centre may build capabilities for these services in its own hospital.

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All support specialties such as ENT, Dental, Cardiac, Ophthalmic OPD, etc. will be outsourced to the Yenepoya teaching hospital as well on a mutually agreed tariff.

Community Oncology will be a joint programme of the cancer centre and the Yenepoya teaching hospital. This would involve planning, and implementation of activities related to cancer awareness and prevention, in the state.

As requested by the University, some space in the new cancer centre building will be allocated to the University for specialty wards. This will depend on the demand generated in the teaching hospital and space availability in the cancer centre. Further, academics will continue to be a part of the university.

Governance Mechanism

Tata Trusts, through its special purpose vehicle ACF, will invest in setting-up the facilities and own & manage the operations of cancer care delivery.

A Hospital Advisory Committee with participation from Yenepoya (Deemed to be University) and Tata Trusts/ACF will be set up to take key decisions and ensure co-operation across different areas of operations.

ATTESTED


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