

D Ramesh Kumar



తెలంగాణ తేలంగానా TELANGANA

 AG 053728

S.No. 4311 Date: 27-08-2021

Sold to: D. RANGA REDDY

S/o. D. SHIVA RAM REDDY

For Whom: M/s. COROMANDEL INTERNATIONAL LTD. SEC-BAD

K.SATISH KUMAR  
LICENSED STAMP VENDOR

LIC No.16-05-059/2012, R.No.16-05-029/2021

Plot No.227, Opp.Back Gate of City Civil Court

West Marredpally, Sec'bad. Mobile: 9849355156

### MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

**Coromandel International Limited**, a company incorporated under the Companies Act, 1956 and a validly existing Company under the Companies Act, 2013 (CIN: L24120TG1961PLC000892) having its registered office at Coromandel House, 1-2-10, Sardar Patel Road, Secunderabad – 500003 (hereinafter referred to as 'Coromandel', which expression shall, unless it be repugnant to the context or meaning thereof, mean and include its successors and permitted assigns).

AND

**YOGI VEMANA UNIVERSITY**, a university affiliated to The University Grants Commission of India (UGC India), a statutory body set up by the Department of Higher Education, Ministry of Education, Government of India, having its campus at

shall be English. The place of arbitration shall be Hyderabad. Parties agree that the arbitral award shall be final, conclusive, and binding on both Parties.

12. This MoU has been executed in two originals; one of these has been retained by YVU and the other by Coromandel.

In witness whereof, the Parties have set their respective hands and seals to these presents through their duly authorized representatives on the 19<sup>th</sup> day of October 2021.

| Signed, sealed and delivered  | Signed, sealed and delivered   |
|---|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                                | For and on behalf of<br>Coromandel International Limited<br>Secunderabad – 500003  |
| <br>REGISTRAR |  |
| Signature YOGI VEMANA UNIVERSITY<br>Name: Prof.-----KADAPA-516 005.<br>Designation: Registrar   | Signature <br>Name: N. K. Rajavelu<br>Designation: E.V.P. Business Head |
| Seal<br>Date: 21/10/2021  | Seal<br>Date: 19.10.2021   |



To  
**The Registrar**  
Yogi Vemana University  
Kadapa- 516005.

Sir,

Sub: Willing to act as a research supervisor for doctoral thesis of Mr. M. Prasad, Manager,  
Coromandel innovation centre, Hyderabad.

With reference to the subject cited above, Mr. M.Prasad, Manager, (Employee ID:  
10014574), Coromandel innovation centre, Lab No:8A&8B, phase-II, IKP Knowledge park,  
Turkapally, Shameerpet, Hyderabad-500078 is approached and requested me to act as a research  
supervisor for his doctoral degree. Hence, I am willing to act as a research supervisor for his  
doctoral thesis. This is for your information and necessary action.

Thanking you,  
Your sincerely,

For Coromandel International limited



Dr.B.Balraam,

AGM - R&D





తెలంగాణ తెలంగాణ TELANGANA

*[Signature]* AG 053728

S.No. **4311**      Date: **27-08-2021**  
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**K.SATISH KUMAR**  
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 LIC No.16-05-059/2012, R.No.16-05-029/2021  
 Plot No.227, Opp.Back Gate of City Civil Court  
 West Marredpally, Sec'bad. Mobile: 9849355156

**MEMORANDUM OF UNDERSTANDING (MOU)**

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AND

**YOGI VEMANA UNIVERSITY**, a university affiliated to The University Grants Commission of India (UGC India), a statutory body set up by the Department of Higher Education, Ministry of Education, Government of India, having its campus at

shall be English. The place of arbitration shall be Hyderabad. Parties agree that the arbitral award shall be final, conclusive, and binding on both Parties.

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| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                                | For and on behalf of<br>Coromandel International Limited<br>Secunderabad – 500003   |
| <br>REGISTRAR |   |
| Signature YOGI VEMANA UNIVERSITY<br>Name: Prof.-----KADAPA-516 005.<br>Designation: Registrar   | Signature <br>Name: N.K. Rajavelu<br>Designation: EVPC & BUSINESS Head |
| Seal<br>Date: 21/10/2021  | Seal<br>Date: 19.10.2021  |



To  
**The Registrar**  
Yogi Vemana University  
Kadapa- 516005.

Sir,

Sub: Willing to act as a research supervisor for doctoral thesis of Mr. E G SREENIVASULA REDDY, Asst.Manager, Coromandel Innovation Centre, Hyderabad.

With reference to the subject cited above, Mr. E G SREENIVASULA REDDY, Asst.Manager, (Employee ID: 10011219), Coromandel Innovation Centre, Lab No:8A&8B, phase-II, IKP Knowledge park, Turkapally, Shameerpet, Hyderabad-500078, is approached and requested me to act as a research supervisor for his doctoral degree. Hence, I am willing to act as a research supervisor for his doctoral thesis. This is for your information and necessary action.

Thanking you,  
Yours Sincerely,

*P. S. Reddy 20/10/2021*  
Dr. P. SRINIVAS REDDY  
Sr. MANAGER R&D  
Coromandel International Limited





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**S.No. 4311**      **Date: 27-08-2021**

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**K.SATISH KUMAR**  
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AND

**YOGI VEMANA UNIVERSITY**, a university affiliated to The University Grants Commission of India (UGC India), a statutory body set up by the Department of Higher Education, Ministry of Education, Government of India, having its campus at

shall be English. The place of arbitration shall be Hyderabad. Parties agree that the arbitral award shall be final, conclusive, and binding on both Parties.

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In witness whereof, the Parties have set their respective hands and seals to these presents through their duly authorized representatives on the 19<sup>th</sup> day of October 2021.

| Signed, sealed and delivered   | Signed, sealed and delivered   |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                                 | For and on behalf of<br>Coromandel International Limited<br>Secunderabad – 500003  |
| <br>REGISTRAR  |  |
| Signature YOGI VEMANA UNIVERSITY<br>Name: Prof. <u>KADAPA-516 005.</u><br>Designation: Registrar | Signature <br>Name: N.R. Rajavelu<br>Designation: <u>EVP &amp; Business Head</u> |
| Seal<br>Date: <u>21/10/2021</u>  | Seal<br>Date: <u>19.10.2021</u>  |





To  
**The Registrar**  
Yogi Vemana University  
Kadapa- 516005.

Sir,

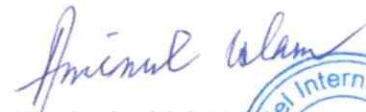
Sub: Willing to act as a research supervisor for doctoral thesis of Mr. V Bangar Reddy,  
Asst.Manager, Coromandel innovation centre, Hyderabad.

With reference to the subject cited above, Mr. V Bangar Reddy, Asst.Manager, (Employee ID: 10009229), Coromandel innovation centre, Lab No:8A&8B, phase-II, IKP Knowledge park, Turkapally, Shameerpet, Hyderabad-500078 is approached and requested me to act as a research supervisor for his doctoral degree. Hence, I am willing to act as a research supervisor for his doctoral thesis. This is for your information and necessary action.

Thanking you,

Yours Sincerely,

For Coromandel International limited

  
Dr. Aminul Islam  
Sr. Vice-president



O/o PRINCIPAL  
YOGI YEMANA UNIVERSITY COLLEGE  
FILE MOVEMENT

No. 231 - 460

IN 29-9-21 OUT

Date: 29/09/2021

Kadapa.

**From**

Mr. K. Upendra Babu  
Sr Executive  
Solara Active Pharma Sciences Ltd.  
Bengaluru - 560 105  
E-mail: kupendramse1988@gmail.com  
ph no: 8978 996885

1) 50/- stamp  
2) guide consent letter } not submitted

**To**

**The Principal**  
Y. V. University College  
KADAPA - 516 005

Dear Sir,

**Sub:** Ph D admissions - EMR category - Submission of MOU, Admission and annual fee receipt - Request - Reg.  
**Ref:** E-mail from Directorate of Admissions, Y. V. University, Dt: 1<sup>st</sup> Sep 2021.  
\*\*\*\*

With reference cited above, I am herewith submitting MOU between SOLARA Active Pharma Sciences, Bengaluru and YOGI VEMANA UNIVERSITY, Kadapa. Further, I am informing you that I paid admission fee **(Rs.1,00,000/-, Rupees One Lakh)** and annual fee **(Rs.15,000/-, Rupees Fifteen Thousands)** towards Ph.D. admission in Y.V. University in the department of chemistry under EMR category. I am herewith submitting the original MOU and challan for your perusal.

I request you to please acknowledge the same.

Yours sincerely

*Kupendra*  
29/09/2021  
**(Koneti Upendra Babu)**



**SOLARA**  
Active Pharma Sciences

Upendra Babu

Communication Address  
Solara Active Pharma Sciences Limited  
R & D UNIT  
No. 11, KIADB Industrial Area  
Phase 1, Jigani, Anekal Taluk  
Bengaluru - 560 105  
Tel : +91 8061288900

27/09/2021 [date & year].

### MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

SOLARA ACTIVE PHARMA SCIENCES, a company incorporated under the Companies Act 2013 and having its corporate office at BENGALURU ----(hereinafter referred to as SAPS for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, SAPS represented by S. ANAND ----.

AND

**YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh** represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this MOU, SAPS, and YVU shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

WHEREAS the SAPS, a private/corporate research company was founded and established in 2017 with the objective of Research & development. The Research and Development of API are focused on the area of GENERIC MEDICINE. Currently, the company is incubated at BENGALURU. The Company is looking forward to a successful Industry-Institute liaison towards closer partnership [Whichever is relevant to the party of the First Part].



**SOLARA**  
Active Pharma Sciences

Communication Address  
Solara Active Pharma Sciences Limited  
R & D UNIT  
No. 11, KIADB Industrial Area  
Phase 1, Jigani, Anekal Taluk  
Bengaluru - 560 105  
Tel : +91 8061288900

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, the ~~SAPS~~ and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.



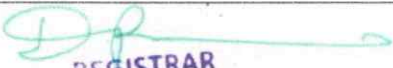


- i) The YVU will recognize ~~SAPS~~ as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize ~~R&D~~ Scientists/technical people of ~~SAPS~~ on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the ~~R&D~~ scientists/technical people of ~~SAPS~~ in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and will render all necessary support for research scholars without any financial commitment
- iv) The ~~SAPS~~ will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum* or *where possible*.
- v) The ~~SAPS~~ will give priority to the students of YVU in *placements where possible*.
- vi) Collaboration in research activities between ~~SAPS~~ and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of ~~SAPS~~ and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

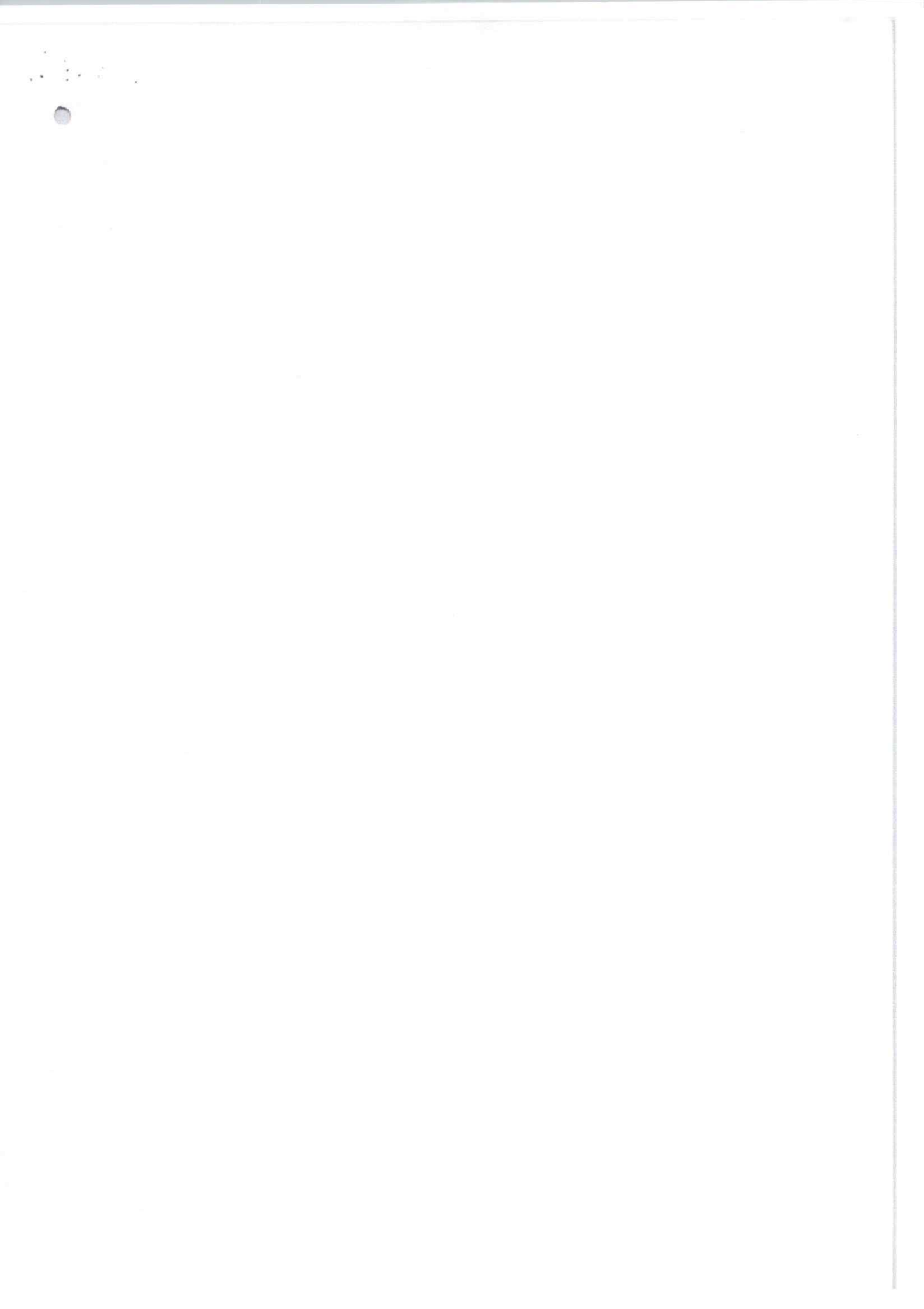
WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the arbitration of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed



by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by SAPS. **In witness whereof**, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the 27 day sep month of 2021

| Signed, sealed and delivered   | Signed, sealed and delivered   |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                                   | For and on behalf of<br>----- SOLARA ACTIVE<br>----- PHARMA SCIENCES LTD.<br>BANGALORE   |
| <br>REGISTRAR   |  |
| Signature<br>Name: Prof. <u>YOGI VEMANA UNIVERSITY</u><br>KADAPA-516-005<br>Designation: Registrar | Signature <br>Name: <u>S. ANAND</u><br>Designation: <u>DGM</u> |
| Seal<br>Date: <u>29 9 2021</u>   | Seal<br>Date:  <u>27/09/2021</u>                               |



9. Declaration by the Candidate:

I, Mr. Mrs. KONETS UPENDRA BABU SODDA KONETS VENKATASUBBAIAH shall abide by the Academic Regulations implemented time to time by the YV University, KADAPA. I also declare that the particulars furnished in this application are correct and complete to the best of my knowledge. Any incorrect information is found my admission shall be cancelled at any point of time.

Address: Place of Working: Solara active pharma science, Bangalore  
Date: 15/03/2021  
Mobile No. & Email ID: 8978996885

KUPENDRAMSEKISS@gmail.com

[Signature]  
15/03/2021

SIGNATURE OF CANDIDATE

10. I agree to supervise that the research work of the Mr./Mrs. DR. S. ANAND of the Ph.D Program with a tentative field of research area organic chemistry (Please attach detailed CV with research experience)

Official address of the Teacher:  
SOLARA ACTIVE PHARMA SCIENCES LTD,  
R4D, 1st Floor, Plot No 11,  
KIADB Industrial Area,  
Phase 2, Siganani, Anekal Tal, Bengaluru - 560105

Name of the teacher:  
S.A. (DCM)  
SIGNATURE & DESIGNATION

11. **No Objection Certificate from the employer** (For Part-Time/Full-Time Ph.D. candidates):  
(To be issued by the Head of the Organization where the candidate is working / employed)

**No Objection Certificate**

This is to certify that Mr. / Mrs. KONETS UPENDRA BABU working in the department (CHEMISTRY) R&D as (specify designation) Sr. Executive is permitted to pursue the proposed research work for his/her Ph.D. Degree at the **YOGI VEMANA UNIVERSITY** by making use of the available facilities in our organization. The Supervisor(s) from YVU shall be permitted to visit the organization periodically to monitor and assess the research work carried out by the candidate.

Date: 15/03/2021  
Place: Bangalore  
Mobile No: 9940050747  
Email ID: achyut.gupta@solara.co.in



[Signature]  
Assistant Manager HR  
SOLARA ACTIVE PHARMA SCIENCES  
\*  
WITH SEAL OF OFFICE





**YOGI VEMANA UNIVERSITY:: KADAPA  
DIRECTORATE OF ADMISSIONS**

**Prof. K Gangaiah  
Director**

Phone:08562-225442

Date: 27-08-2021

**PROVISIONAL SELECTION LETTER FOR Ph. D ADMISSION**

Sub: -Yogi Vemana University – Directorate of Admissions – Ph.D Admission under EMR Quota  
– Department of Chemistry - Provisional Selection – Orders issued - Reg.

Ref: - No. YVU/AS/EMR&JRF q/Select.Comm. Minutes/Forwarding to DOA Dated 17-08-2021  
of the Registrar, Yogi Vemana University, Kadapa  
\*\*\*\*\*

**ORDER:**

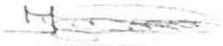
In pursuance of the order cited, **Mr. M. Chandra Sekhar** is provisionally selected for Ph.D programme (part-time) under EMR quota in the **Department of Chemistry** subject to the following conditions.

1. Payment of prescribed fees as per the University rules/norms within One Month.
2. Submission of Memorandum of Understanding (MOU) between Yogi Vemana University and Your Organization/corporate/Industry/etc.(soft copy enclosed)
3. Research supervisor consent (If Guide opted from your organization/Corporate/Industry /etc.).

After fulfillment of the above requirements, the candidate will be allotted guide/co-guide by the Principal office on the recommendations of Department Research Council (DRC). The candidate suggested to contact Principal office and concerned Department for further details.

To

**Sri.M. Chandra Sekhar,**  
B-194 HAL COLONY, Balanagar Colony, Kukatpally, Hyderabad,Medchal Malkajgiri(District)  
Mobile No.9110772612. Email:chandusvuorg@gmail.com

  
**DIRECTOR  
DIRECTOR  
Directorate of Admissions  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005**

Copy to

1. The Principal, Yogi Vemana University College, Kadapa
2. The Registrar, YVU, Kadapa for information.
3. The Head/Coordinator, Department of Chemistry, YVU, Kadapa.
4. The Academic section for information
5. The file.



26<sup>th</sup> October 2021

**MEMORANDUM OF UNDERSTANDING (MOU)**

BETWEEN

**ARAGEN LIFE SCIENCES PRIVATE LIMITED (FORMERLY KNOWN AS GVK BIOSCIENCES PRIVATE LIMITED)**, a company incorporated under the Companies Act 1956 and having its corporate office at **PLOT 28A, IDA NACHARAM, HYDERABAD, TELANGANA, 500076** (hereinafter referred to as **ARAGEN** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, represented by Mr. Suresh Anubolu, CHRO.

AND

**YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh** represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this MOU, **ARAGEN**, and **YVU** shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

WHEREAS **ARAGEN**, a private/corporate research company was founded and established in 2000 with the objective of Research in Life Sciences Industry. The Research and Development of **ARAGEN** are focused in the area of Chemical Synthesis, Formulation and Analytical solutions. Currently, the company is incubated at Hyderabad, Bengaluru, Visakhapatnam and California (USA). The Company is looking forward to a successful Industry-

Correspondence Address  
Aragen Life Sciences Pvt. Ltd.  
Survey No. 125 & 126, IDA Mallapur  
Hyderabad 500 076, India  
T: +91 40 6748 3444 F: +91 40 6748 3400  
W: aragen.com

Registered & Corporate Office  
Aragen Life Sciences Pvt. Ltd.  
(Formerly known as GVK Biosciences Pvt. Ltd.)  
28 A, IDA Nacharam, Hyderabad 500 076, India  
T: +91 40 6692 9999 F: +91 40 6692 9900  
CIN: U74999TG2000PTC035826



Institute liaison towards closer partnership [Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, **ARAGEN** and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the capability and feasibility of the

Correspondence Address  
Aragen Life Sciences Pvt. Ltd.  
Survey No. 125 & 126, IDA Mallapur  
Hyderabad 500 076, India  
T: +91 40 6748 3444 F: +91 40 6748 3400  
W: aragen.com

Registered & Corporate Office  
Aragen Life Sciences Pvt. Ltd.  
(Formerly known as GVK Biosciences Pvt. Ltd.)  
28 A, IDA Nacharam, Hyderabad 500 076, India  
T: +91 40 6692 9999 F: +91 40 6692 9900  
CIN: U74999TG2000PTC035826



technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.

- i) The YVU will recognize **ARAGEN** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize Post Graduate Scientists of **ARAGEN** on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the Post Graduate Scientists of **ARAGEN** in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and will render all necessary support for research scholars without any financial commitment
- iv) **ARAGEN** will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum* or *where possible*.
- v) **ARAGEN** will give priority to the students of YVU in *placements where possible*.
- vi) Collaboration in research activities between **ARAGEN** and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of **ARAGEN** and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the arbitration of two arbitrators, one to be appointed by each party to



the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by ARAGEN. In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the 22<sup>nd</sup> day of October, 2021

| Signed, sealed and delivered   | Signed, sealed and delivered                                 |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                   | For and on behalf of<br>Aragen Life Sciences Private Limited |
|  |  |
| Signature<br>Name: Prof. D. Vijaya Raghava Prasad<br>Designation: Registrar        | Signature<br>Name: Suresh Anubolu<br>Designation: CHRO       |
| Seal<br>Date: 27/10/21<br>REGISTRAR<br>YOGI VEMANA UNIVERSITY<br>KADAPA - 516 005. | Seal<br>Date: 26/10/2021<br>                                 |

Correspondence Address  
Aragen Life Sciences Pvt. Ltd.  
Survey No. 125 & 126, IDA Mallapur  
Hyderabad 500 076, India  
T: +91 40 6748 3444 F: +91 40 6748 3400  
W: aragen.com

Registered & Corporate Office  
Aragen Life Sciences Pvt. Ltd.  
(Formerly known as GVK Biosciences Pvt. Ltd.)  
28 A, IDA Nacharam, Hyderabad 500 076, India  
T: +91 40 6692 9999 F: +91 40 6692 9900  
CIN: U74999TG2000PTC035826

## Consent Letter from PhD guide (Supervisor)

To

The Directorate of admissions

Yogi Vemana University, Kadapa

**Sub:** Consent Letter to be a supervisor for Mr. M. Chandra Sekharaiah

**Dear Sir**

With reference to the above mentioned subject, I wish to inform you that I am willing to accept Mr. M. Chandra Sekharaiah as my PhD student, and will guide his research work leading to PhD degree in Yogi Vemana University, Kadapa. I will guide him for the entire duration of his research work and will supervise him throughout the research process.

**Following is the proposed title of his Research Thesis:**

**“Synthesis and biological activities of OBHS and fumimycin derivatives”**



Thanking you

Yours Sincerely

Name of the guide: Dr. Bhaskar Reddy Vangala

Name of Institute: ARAGEN life sciences

Date:

26/10/2021

Place: Hyderabad



**YOGI VEMANA UNIVERSITY:: KADAPA  
DIRECTORATE OF ADMISSIONS**

**Prof. K Gangaiah  
Director**

Phone:08562-225442

28-09-2021

CIRCULAR

This is to inform that the last date for payment of prescribed admission fee by EMR Students has been extended up to 27-10-2021. No more extension of date will be entertained.

*Xptella*  
+ DIRECTOR

DIRECTOR

Directorate of Admissions  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005

V. Manojas Reddy



Date: March 15<sup>th</sup>, 2021

**NO OBJECTION CERTIFICATION**

This is to certify that **Dr Lakkireddy Srinivasula Reddy** with Employee ID. No. **123668** working as Sr. Manager in the department of Process Engineering since 16th July 2020. Organization has no objection if he supervises the research work at the Yogi Vemana University, Kadapa Dt., Andhra Pradesh, India.

For AUROBINDO PHARMA LIMITED

  
**M S Srinivasan**  
**Assistant General Manager – HR**



(CIN : L24239TG1986PLC015190)

**AUROBINDO PHARMA LIMITED**

PAN No. AABCA7366H

Corp. off.: The Water Mark Building, Plot No. 11, Survey No.9, Hi-tech City, Kondapur, Hyderabad - 500 084 T.S., INDIA Tel: +91 40 6672 5000 | 1200 Fax: +91 40 6707 4059

Regd. off.: Plot No. 2, Maithrivihaar, Ameerpet, Hyderabad - 500 038 T.S., INDIA Tel: +91 40 2373 6370 Fax: +91 40 2374 7340, Email: info@aurobindo.com

[www.aurobindo.com](http://www.aurobindo.com)



# SILICON LIFE SCIENCES PVT LIMITED

Corp. Office: Water Mark Building, Plot No.11, Survey No.9, Kondapur, Hitech City, Hyderabad - 500 084.

Email ID : siliconlife@siliconap.com

## NO OBJECTION CERTIFICATION

This is to certify that **Mr. V. Manohar Reddy with ID. No. 70158** working in the department Quality Assurance as Dy. Manger is permitted to pursue the proposed research work for his Ph. D Degree at the YOGI VEMANA UNIVERSITY by making use of the available facilities in our organization. The supervisor(s) from YVU shall be permitted to visit the organization periodically to monitor and assess the research work carried out by the candidate.

Date: 12/03/2021

Place: Vizag

  
Signature & Designation

With Seal of the Office

SILICON LIFE SCIENCES PVT LTD  
Regd. Office: Water Mark Building, Survey No.9, Kondapur, Hitech City, Hyderabad - 500 084.  
Factory: Plot No.41, JN Pharma City, Parawada, Vizag - 531 019. AP, INDIA. Ph : +91 8924 236269

PAN: AANCS5076L

GSTNo: 37AANCS5076L1ZL

Regd. Office: Plot No.2, Maitrivihar, Ameerpet, Hyderabad 500038, Telangana, India.

Factory : Plot No:41, JN Pharma City, Parawada, Vizag - 531 019. AP, INDIA. Ph : +91 8924 236269

04.09.2021

**MEMORANDUM OF UNDERSTANDING (MOU)**

BETWEEN

**Aurobindo Pharma Limited**, a company incorporated under the Companies Act 2013 and having its corporate office at **Galaxy Towers”, 24th Floor, Plot No. 1, Survey No.83/1, Hyderabad Knowledge City, Raidurg Panmaktha, seriligampalli Mandal, Ranga reddy district Hyderabad – 500 081, Telangana, INDIA** (hereinafter referred to as **Aurobindo** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, of the **MOU** represented by **Aurobindo**.

AND

**YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh** represented its Registrar (hereinafter called “**YVU**” which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this **MOU**, **Aurobindo**, and **YVU** shall be collectively referred to as “parties” and the term “party” refers to any of them as the context permits.

WHEREAS the **Aurobindo**, a private/corporate research company was founded and established in 1986 with the objective of research on generic molecules. The Research and Development of generic molecules are focused on the area of bulk drugs, orals,injectables and vaccines. Currently, the company is incubated at Hyderabad, RND2. The bulk drugs, orals,injectables and vaccines is looking forward to a successful Industry-Institute liaison towards closer partnership—[Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, the Aurobindo and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.

- i) The YVU will recognize **Aurobindo** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.

- ii) The YVU will recognize Aurobindo Scientists/technical people of Aurobindo on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the Aurobindo scientists/technical people of Aurobindo in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and will render all necessary support for research scholars without any financial commitment
- iv) The Aurobindo will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum* or *where possible*.
- v) The Aurobindo will give priority to the students of YVU in *placements where possible*.
- vi) Collaboration in research activities between Aurobindo and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of Aurobindo and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the arbitration of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.



This MoU has been executed in two originals; one of these has been retained by the Registrar, Yogi Vemana University, Kadapa (Rural) and the other by **Aurobindo**, In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the 04.09.2021

| Signed, sealed and delivered   | Signed, sealed and delivered   |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005   | For and on behalf of <b>Aurobindo, Unit - XVII</b>                                 |
|                                       |  |
| Signature<br>Name: Prof.----- <b>REGISTRAR</b> -----<br>Designation: <b>REGISTRAR</b><br><b>YOGI VEMANA UNIVERSITY</b> | Signature<br>Name: <b>Sampath Sharm</b><br>Designation: <b>24m-plant head.</b>     |
| Seal<br>Date: <b>KADAPA - 516 005.</b>   | Seal<br>Date: <b>04/09/2021</b>  |

**AUROBINDO PHARMA LIMITED, UNIT-XVI:**  
Plot No. 41, J.N. Pharm City, Parawade Mandal,  
Visakhapatnam - 531 016, Andhra Pradesh, INDIA.  
Ph.: +91 8186017999

MVBS Nandan Reddy



Date: 16<sup>th</sup> Sep 2021

**MEMORANDUM OF UNDERSTANDING (MOU)**

BETWEEN

**TRIOVISION COMPOSITE TECHNOLOGIES PVT LTD**, a company incorporated under the Companies Act 2013 and having its corporate office at **KOPPARTHY MEGA INDUSTRIAL PARK, KADAPA** (hereinafter referred to as **TrioVision** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, **TrioVision** represented by Nandan Reddy M V B S

AND

**YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh** represented its Registrar (hereinafter called "**YVU**" which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this MOU, TrioVision, and YVU shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

WHEREAS the **TrioVision**, a private/corporate research company was founded and established in 2015 with the objective of makert leader in composite manufacturer. The Research and Development of TrioVision are focused on the area of developing new materials, new Production and management processes and systems. Currently, the company is incubated at Kadapa. The TrioVisoin is looking forward to a successful Industry-Institute liaison towards closer partnership—[Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The

university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, the TrioVision and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.

- i) The YVU will recognize **TrioVision** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize ----- Scientists/technical people of TrioVision on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the -----  
---scientists/technical people of TrioVision in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and

norms and will render all necessary support for research scholars without any financial commitment

- iv) The TrioVision will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum* or *where possible*.
- v) The TrioVision will give priority to the students of YVU in *placements where possible*.
- vi) Collaboration in research activities between TrioVision and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of TrioVision and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the arbitration of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by **TrioVision**. In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the -----day ----- month of 20-

| Signed, sealed and delivered   | Signed, sealed and delivered   |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005   | For and on behalf of<br>TrioVision Composite technologies Pvt Ltd<br>Kadapa-516 293                                      |
|                               |                                      |
| Signature<br>Name: Prof. <u>D. VITAYA RAGHAVA PRASAD</u><br>Designation: Registrar                               | Signature<br>Name: Nandan Reddy M V B S.<br>Designation: Managing Director   |
| Seal<br>Date: <u>01-10-2021</u><br><b>REGISTRAR</b><br><b>YOGI VEMANA UNIVERSITY</b><br><b>KADAPA - 516 005.</b> | Seal<br>Date: <u>16/09/2021</u><br> |



**Declaration by the Candidate:**

I, Mr. / Mrs. Nandan Reddy, M.V.B.S S/O D/O Veera Reddy  
shall abide by the Academic Regulations implemented time to time by the YV University, KADAPA. I also  
declare that the particulars furnished in this application are correct and complete to the best of my knowledge.  
Any incorrect information is found my admission shall be cancelled at any point of time.

Address : Place of Working : Trivision Composite Technologies Pvt Ltd, Kadapa  
Date : 03-03-2021  
Mobile No. & Email ID. nandan@trivision.in

Nandan Reddy  
SIGNATURE OF CANDIDATE

10. I agree to supervise that the research work of the Mr./Mrs. \_\_\_\_\_  
of the Ph.D Program with a tentative field of research area \_\_\_\_\_  
(Please attach detailed CV with research experience)

Official address of the Teacher:

Name of the teacher:

SIGNATURE & DESIGNATION

11. **No Objection Certificate from the employer** (For Part-Time/Full-Time Ph.D. candidates):  
(To be issued by the Head of the Organization where the candidate is working / employed)

**No Objection Certificate**

This is to certify that Mr. / Mrs. M. Nandan Reddy, M.V.B.S working in the  
department Management as (specify designation) Managing Director is  
permitted to pursue the proposed research work for his/her Ph.D. Degree at the **YOGI VEMANA  
UNIVERSITY** by making use of the available facilities in our organization. The Supervisor(s) from YVU  
shall be permitted to visit the organization periodically to monitor and assess the research work carried out by  
the candidate.

Date : 03-03-2021

Place : Kadapa

Mobile No: 8888841995

Email ID: nandan@trivision.in

Trivision Composite Technologies Pvt Ltd,  
Nandan Reddy

SIGNATURE & DESIGNATION  
Managing Director / Authorized Signatory

WITH SEAL OF OFFICE

Date. 24.09.2021

O/o PRINCIPAL  
YOGIYEMANA UNIVERSITY COLLEGE  
FILE MOVEMENT

From

S. Santhara Reddy

AVP - Quality

Virchow Bistech Pvt Limited

Hyderabad,

No. 231-653

IN 28-9-21, OUT

To,  
Ph.D Section  
P2

To.

The principal


YVU College Kadapa.

Sub: Submission of EMR Ph.D MOU, Guide Acceptance  
Letter, Fee Chalamana Regarding.

Madam;

with reference to the subject cited  
above here with I am submitting. MOU, Guide  
acceptance letter, Chalamana part of EMR Ph.D  
admission

Thanking you  
Yours faithfully

  
24.09.2021

S. Sankara Reddy

21-09-2021 [Date & year]

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

KE

Virchow biotech pvt limited, a company incorporated under the Companies Act 2013 and having its corporate office at Swamy Ayyappa Co. of housing society, madhapur Hyderabad (hereinafter referred to as Virchow biotech for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the FIRST PART, of MOU represented by Vircho Biotech pvt limited.

AND

YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors, and permitted assigns) of the SECOND PART. For this MOU, Virchow biotech and YVU shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

WHEREAS the Virchow biotech, a private/corporate research company was founded and established in 2004 with the objective of manufacturing Biopharmaceutical. The Research and Development of Virchow Biotech are focused on the area of Biopharmaceuticals (Biology/Vaccines) and pharmaceutical vaccine research. Currently, the company is incubated at Hyderabad. The Biopharmaceutical is looking forward to a successful Industry-Institute liaison towards closer partnership— [Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications.

sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research, THEREFORE, the Mirchow Biotech and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.

- i) The YVU will recognize Mirchow Biotech as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize Mirchow Biotech Scientists/technical people of Mirchow Biotech on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph, D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the Mirchow Biotech ---scientists/technical people of Mirchow Biotech in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and



will render all necessary support for research scholars without any financial commitment

- iv) The Virchow biotech pvt ltd will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum or where possible.*
- v) The Virchow biotech pvt ltd will give priority to the students of YVU in *placements where possible.*
- vi) Collaboration in research activities between Virchow biotech pvt limited and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of Virchow biotech pvt limited and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the arbitration of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by Virchow biotech pvt limited. In witness whereof, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the 21 day 07 month of 2021

| Signed, sealed and delivered  | Signed, sealed and delivered   |
|---|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                          | For and on behalf of<br><u>Virchow Biotech private limited</u><br><u>Gogilapur, Dundigal Chandimaisamma mandal</u><br><u>Medchal Malkajgiri - 500043</u> |
|   |  |
| Signature<br>Name: Prof.-----<br>Designation: Registrar                                   | Signature<br>Name: <u>Dr. M. S. Kumar</u><br>Designation: <u>Treasurer</u>   |
| Seal<br>Date: <b>REGISTRAR</b><br><b>YOGI VEMANA UNIVERSITY</b><br><b>KADAPA-516 005.</b> | Seal<br>Date:  |

24-09-2021

**To The Registrar**

Yogi Vemana University

Kadapa-516005

Sir,

**Sub:** Willing to act as supervisor for doctoral thesis of Mr. S. Sankara Reddy, Associate Vice president (Employee ID: 4820), Virchow Biotech Pvt Ltd, Gagillapur, Hyderabad.

With reference to the subject cited above, Mr. S. Sankara Reddy, Associate Vice president (Employee ID: 4820), Virchow Biotech Pvt Ltd, Gagillapur, Hyderabad is approached and requested me to act as supervisor for his doctoral degree. Hence I am willing to act as a research supervisor for his doctoral thesis. This is your information and necessary action

Thanking You

M/ 24/09/2021  
Dr. M. Pavan Kumar

Manager

Quality Control Department

Virchow Biotech Pvt Ltd

Gagillapur, Hyderabad.



**Factory :** Survey No. 172 Part, Gagillapur Village, Dundigal Gandimaisamma Mandal,  
Medchal-Malkajiri District, Telangana - 500 043, INDIA.

Phone : 09700017820, 09700017883 E-mail : hr@virchowbiotech.com, regulatory.vbpl@gmail.com

**Head Office :** # 319 & 320, III<sup>rd</sup> Floor, Swamy Ayyappa Co-op. Housing Society Ltd, Madhapur, Hyderabad-500 081.

Phone : +91-40-23119481, Fax : +91-40-23119486. **GSTIN : 36AABCV2578A1Z1**

Date: 25/09/2021

O/o PRINCIPAL  
YOGIYEMANA UNIVERSITY COLLEGE  
FILE MOVEMENT

Form

H. Sudarshan Reddy  
CEO & founder  
Oneosimis Biotech Pvt Ltd.  
Plot #13, Gampart Rd  
IDA Uppal, Hyderabad- 500007

No. 231- 655

IN. 28-9-21 OUT

To,  
Ph.D section  
rg

To:  
The principal,  
YVU college  
YV University  
Kada P

DDNO - 502152 - 15,000/-

DDNO - 502151 - 100,000/-

Dracon on 21/09/2021

Sub: Submission of MoU / Guide Acceptance letter &  
DD - EMR PhD programme - regarding.

Respected Madam,  
With reference to the subject cited above  
and here with submitting the documents related to  
EMR PhD programme like MoU, Guide acceptance letter  
and DD challans. This is for your kind  
information and necessary action

Thanking you,

Yours faithfully

H. Sudarshan Reddy

*[Signature]*

25/09/2021

## To Whom it concerns

I, Dr. K. Sridhar Rao, agree to co-supervise the research work of Mr. L. Sudarshan Reddy for the PhD program with tentative field of research area Industrial Drug Discovery

(Please attach detailed CV with research experience)

Name of the Co-supervisor: **Dr. K. Sridhar Rao**

Official address of the Co-Supervisor: Chief Scientific Officer, Oncosimis Biotech Pvt. Ltd,  
Plot #3, IDA Uppal, Genpact Rd  
Hyderabad 500007, TS, India  
Email: [skunchala@oncosimis.com](mailto:skunchala@oncosimis.com)  
Tel (Office) +91 40 29563618  
Mobile: +919849053690






Signature and Designation

Oncosimis Biotech Private Limited

An ISO 9001:2015 Certified

Onsite: Plot No. 3, IDA Uppal, Genpact Rd, Habsiguda, Hyderabad, TS, India-500007.  
Regd. Office: LIG, Block No 38, Flat No 7, Baghlinghampalli, Hyderabad, TS, India-500044.

 [info@oncosimis.com](mailto:info@oncosimis.com)  Ph: +91 40 2956 3618.  [www.oncosimis.com](http://www.oncosimis.com)  
GSTIN: 36AACCO4068M1Z2; PAN: AACCO4068M; IEC: 0916504336



## **FORMAT FOR BIOGRAPHICAL SKETCH**

(To be submitted separately for the Principal Key Investigators and Team Members)

### **1. GENERAL PARTICULARS**

**Name:** SRIDHAR RAO KUNCHALA

**Designation:** Chief Scientific Officer

**Name of the Company:** ONCOSIMIS BIOTECH PVT LTD, HYDERABAD

**Date of Birth:** 30/04/1957

**Sex (M/F):** Male

### **2. EDUCATIONAL DETAILS (GRADUATION ONWARDS)**

| S. No. | Institution                    | Degree Awarded | Year    | Field of Study |
|--------|--------------------------------|----------------|---------|----------------|
| 1      | Sri Krishnadevaraya University | PhD            | 1981-88 | Biochemistry   |
| 2      | Sri Venkateswara University    | MSc            | 1978-80 | Biosciences    |

### **3. PROFESSIONAL CAREER (STARTING WITH THE MOST RECENT EMPLOYMENT)**

| S. No. | Institution  | Position                         | From (Date) | To (Date) |
|--------|--|----------------------------------|-------------|-----------|
| 1      | ONCOSIMIS BIOTECH PVT LTD  | Chief Scientific Officer (CSO)   | May 2017-   | Present   |
| 2      | Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India | Chief Scientist (Director Grade) | Feb 2013-   | Apr 2017  |
| 3      | Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India | Sr. Principal Scientist          | Feb 2007-   | Feb 2016  |
| 4      | Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India | Principal Scientist              | Feb 2001-   | Feb 2007  |

### **4. HONORS/ AWARDS**

|         |   |
|---------|---|
| 1973-75 | National Merit-Loan Scholarship               |
| 1978-80 | Andhra Pradesh State Merit Scholarship        |
| 1981-83 | Junior Research Fellowship of CSIR, New Delhi |
| 1983-84 | Senior Research Fellowship of CSIR, New Delhi |

## PUBLICATIONS (NUMBERS ONLY)

i. Books: 0

ii. Research Papers, Reports: more 20

iii. General articles: 0

iv. Patents : 6

v. Others (Please specify): 0

### LIST OF PUBLICATIONS (2000-CURRENT)

1. Suneesh C. Karunakaran, P. S. Saneesh Babu, Bollapalli Madhuri, Betsy Marydasan, Albish K. Paul, Asha S. Nair, K. Sridhar Rao, Alagar Srinivasan, Tavarekere, K. Chandrashekar, Ch. Mohan Rao, Radhakrishna Pillai and Danaboyina Ramaiah (2012). *In Vitro* Demonstration of Apoptosis Mediated Photodynamic Activity and NIR Nucleus Imaging through a Novel Porphyrin. *ACS Chemical Biology*. 8: 127-132.
2. Amit S Adhikari, B.N. Singh, K Sridhar Rao and Ch. Mohan Rao (2011). AlphaB-crystallin modulates NF- $\kappa$ B activity and protects C2C12 myoblasts from TNF- $\alpha$  induced apoptosis. *Biochimica et Biophysica Acta (Mol Cell Res)* 1813:1532-1542
3. Bhairab N.Singh, Sridhar Rao, K., Mohan Rao, Ch (2010). Ubiquitin-proteasome-mediated degradation and synthesis of MyoD is modulated by  $\alpha$ B-crystallin, a small heat shock protein, during muscle differentiation. *Biochimica et Biophysica Acta (Mol Cell Res)* 1803:288-299
4. Jinka, R., Ramakrishna, V., Rao, S.K., Rao, K.P. (2009). Purification and characterization of cysteine protease from germinating cotyledons of horse gram. *BMC Biochemistry*. 10: 28 doi: 10.1186/1471-2091-10-28
5. Bhairab N.Singh, K. Sridhar Rao, Tangirala Ramakrishna, Nandini Rangaraj, Ch. Mohan Rao (2007). Association of  $\alpha$ B-crystallin, a small heat shock protein, with actin: Role in modulating actin filament dynamics *in vivo*. *J. Mol. Biology* 366:756-767
6. Dhivya, S. Madhavan, H.N. Rao, C.M, Rao, K.S., Ramechander, P.V, Therese, K.L. Malathi, J. (2007). Comparison of a novel semi-nested polymerase chain reaction (PCR) with a uniplex PCR for the detection of *Acanthamoeba* genome in Indian corneal scrapings. *Parasitol. Res.* 100: 1303-1309
7. Ramprasad, O.G. Srinivas, G. Sridhar Rao, K., Pournima Joshi, Jean Paul Thierry, Sylvie Dufour and Gopal Pande (2007). Changes in Cholesterol Levels in the Plasma Membrane Modulate Cell Signaling and Regulate Cell Adhesion and Migration on Fibronectin. *Cell Motility and the Cytoskeleton* 64:199-216
8. Srinivas,V., Raman,B., Sridhar Rao,K., Ramakrishna,T. and Mohan Rao, Ch. (2005). Arginine hydrochloride enhances the dynamics of subunit assembly and the chaperone- like activity of  $\alpha$ -crystallin. *Molecular Vision* 11:249-2552
9. Amit S. Adhikari, K. Sridhar Rao, Nandini Rangaraj, Veena K. Parnaik and Ch. Mohan Rao (2004). Heat stress-induced alterations in localization of small heat shock proteins in mouse myoblasts: intra-nuclear lamin A/C speckles as target for  $\alpha$ B-crystallin and Hsp25. *Experimental Cell Research* 299:393-404

10. Srinivas.V., Raman.B., Sridhar Rao, K., Ramakrishna.T. and Mohan Rao, Ch. (2003). Structural perturbation and enhancement of the chaperone-like activity of  $\alpha$ -crystallin . arginine hydrochloride. *Protein Science* 12: 1262-1270.
11. Balasenthil.S., Kunchala S. Rao Nagini.S (2003). Altered cytokeratin expression during chemoprevention of hamster buccal pouch carcinogenesis by S-Allyl Cysteine. *Polish Journal of Pharmacology* 55: 793-798.
12. Balasenthil.S., Rao, K.S. Nagini.S (2002). Garlic induces apoptosis during 7,12-dimethyl benz(a)anthracene-induced hamster buccal pouch carcinogenesis. *Oral Oncology* 38(5): 431-436
13. Balasenthil, S., Rao, K.S., Nagini S (2002). Apoptosis induction by S-Allyl Cysteine, a garlic constituent during 7,12-dimethylbenz(a)anthracene- induced hamster buccal pouch carcinogenesis. *Cell Biochemistry and Function* 20: 263-268
14. Balasenthil.S., Rao, K.S., Nagini S (2002). Altered cytokeratin expression during chemoprevention of experimental hamster buccal pouch carcinogenesis by garlic. *Journal of Oral Pathology and Medicine* 31: 142-146
15. Akira Murayama, Takakazu Suzuki, Minoru Iwamoto and Sridhar Rao Kunchala (2002). Constant variation of structure and function of geometrical isomers of acitretin under natural light. *Indian Journal of Biochemistry and Biophysics* 39:22-27
16. Pratibha V., Sridhar Rao,K., and Gupta P.D (2001). Altered expression of keratins during abnormal wound healing in human skin. *Cytobios* 104: 43-51
17. A.A.Waheed., K.Sridhar Rao., and Gupta P.D (2000). Mechanisms of dye binding in the protein assay using eosin dyes. *Analytical Biochemistry* 287: 73-79
18. K. Sridhar Rao, T. Suzuki and A. Murayama (2000). Photoisomerization of retinoic acids and its influence on regulation of human keratinocyte growth and differentiation. *Ind. J. Biophys.* Biochem. 37, 71-76

#### MANUSCRIPTS IN PIPELINE

1. A novel water soluble chlorin photosensitizer: Demonstration of its photodynamic efficiency in vitro and in vivo. (Paper being submitted to *Free Radical Biology and Medicine*)
2. Characterization of cell permeable protein-HspB5 and evaluation of its protective effect on isoproterenol induced cardiotoxicity in rats.

#### PATENTS (NATIONAL AND INTERNATIONAL)

1. Patent Number(s): PCT/IN2008/000334; AU2008256216; CA 2689306

**Title:** A novel method for simultaneous detection and discrimination of bacterial, fungal, parasitic and viral infections of eye and central nervous system

**Inventor Name(s):** Ch. Mohan Rao, K Sridhar Rao, P V Ramchander, H N Madhavan, Savitri

Sharma, Gita Satpathy, B V Ravi Kumar

**Patent Assignee(s):** Council of Scientific & Industrial Research

**2. Patent Number(s):** WO2008146306-A2; WO2008146306-A3; IN200701178-II; CN101541979-A; AU2008256216-A1; EP2155909-A2; CA2689306-A1; KR2010044736-A; JP2010528599-W; PH12009502297-A; VN23743-A; TW200907057-A; US2011111969-A1

**Title:** Detecting and discriminating pathogens causing syndromes comprises performing multiplex PCR assay on the clinical sample using the unique pool of sets of forward and reverse primers

**Inventor Name(s):** Rao C M; Rao K S; Ramchander P V; Madhavan H N; Sharma S; Satpathy G; Ravi Kumar V B; Hajib N M; Kumar R B V; Puppala V R; Ravi K V B; S. S; Madhavan H; Ramchander P; Rao C; Rao K; Ravi Kumar V; Madaban H N; Rabi Kuma B B; Ramchaendeo P B; Satati J; Syama S; Chintalagiri M R; Kunchala S R; Rao I S

**Patent Assignee(s):** COUNCIL SCI & IND RES INDIA (COUN-Non-Standard); COUNCIL SCI&IND RES INDIA (COUN-Non-Standard); RAO C M (RAOC-Individual); RAO K S (RAOI-Individual); RAMCHANDER P V (RAMC-Individual); MADHAVAN H N (MADH-Individual); SHARMA S (SHAR-Individual); SATPATHY G (SATP-Individual); RAVI K V B (RAVI-Individual)

**3. Patent Number(s):** WO2005063806-A1; AU2003290412-A1; US2007009956-A1; IN200402367-P1

**Title:** Enhancing molecular chaperone activity of alpha-crystallin involves reacting alpha-crystallin isolated from calf eye lenses with arginine-hydrochloride and insulin

**Inventor Name(s):** SRINIVAS V; RAMAN B; RAO K S; RAMAKRISHNA T; RAO C M; RAO K; RAO C; VOLETY S; BAKTHISARAN R; KUNCHALA S R; TANGIRALA R; CHINTALAGIRI M R

**Patent Assignee(s):** COUNCIL SCI & IND RES INDIA (COUN-Non-standard)

**4. Patent Number(s):** 11711133.6 - 2117; WO 2011/089509 A1; US9040687; JP5823413; CN ZL201180006844.1,

**Title: Novel Porphyrin derivatives for photodynamic therapy (PDT):** A process for the preparation of novel porphyrin derivatives and their use as PDT agents and fluorescence probes

**Inventor Name(s):** D Ramaiah, S C Karunakaran, S V Jisha, K T Chandrashekar, A Srinivasan, P R Madhavan, N Asha Sivakumari, S Saneesh Babu, Ch Mohan Rao, K Sridhar Rao

**Patent Assignee(s):** Council of Scientific and Industrial Research

#### **PATENTS UNDER VARIOUS STAGES OF PROCESSING**

1. Novel chlorin compounds, A process for preparation thereof and use as photodynamic therapeutic agents and fluorescent probes (CSIR-IPMD Ref.No. 93NF2015, 2015)

Marydasan Betsy, Bollapalli Madhuri, Danaboyina Ramaiah, Kunchala Sridhar Rao, Chintalagiri

Mohan Rao, Tavarekere K. Chandrashekar, Suneesh C. Karunakaran.

2. Small Heat shock proteins as inclusion body tags for peptide synthesis and purification (CSIR-IPMD Ref. No. 0128NF2015, 2015)

Saad Mohammad Ahsan, Abhishek Asthana, Srinivas Volety, Raman Bhaktisaran, Ramakrishna Murti Tangirala, **Sridhar Rao Kunchala** and Mohan Rao Chintalagiri

6.

**LIST FIVE MOST RECENT PUBLICATIONS WITH IMPACT FACTOR RELEVANT TO THE PROPOSED AREA OF WORK (IN CHRONOLOGICAL ORDER)**

**Details should include: Title, Authors, name of the Journal, issue & page no. year of publication. Also provide summary of the work reported in the publication in not more than 100 words.**

- i. Suneesh C. Karunakaran, P. S. Saneesh Babu, Bollapalli Madhuri, Betsy Marydasan, Abish K. Paul, Asha S. Nair, K. Sridhar Rao, Alagar Srinivasan, Tavarekere, K. Chandrashekar, Ch. Mohan Rao, Radhakrishna Pillai and Danaboyina Ramaiah (2012). *In Vitro* Demonstration of Apoptosis Mediated Photodynamic Activity and NIR Nucleus Imaging through a Novel Porphyrin. *ACS Chemical Biology*, 8: 127-132.
- ii. Amit S Adhikari, B.N. Singh, K Sridhar Rao and Ch. Mohan Rao (2011). AlphaB-crystallin modulates NF- $\kappa$ B activity and protects C2C12 myoblasts from TNF- $\alpha$  induced apoptosis. *Biochimica et Biophysica Acta (Mol Cell Res)* 1813:1532-1542
- iii. Bhairab N.Singh, Sridhar Rao, K., Mohan Rao, Ch (2010). Ubiquitin-proteasome-mediated degradation and synthesis of MyoD is modulated by  $\alpha$ B-crystallin, a small heat shock protein, during muscle differentiation. *Biochimica et Biophysica Acta (Mol Cell Res)* 1803:288-299
- iv. Jinka, R., Ramakrishna, V., Rao, S.K., Rao, R.P. (2009). Purification and characterization of cysteine protease from germinating cotyledons of horse gram. *BMC Biochemistry*, 10: 28 doi: 10.1186/1471-2091-10-28
- v. Bhairab N.Singh, K. Sridhar Rao, Tangirala Ramakrishna, Nandini Rangaraj, Ch. Mohan Rao (2007). Association of  $\alpha$ B-crystallin, a small heat shock protein, with actin: Role in modulating actin filament dynamics *in vivo*. *J. Mol. Biology* 366:756-767

7

**PROFESSIONAL EXPERIENCE RELEVANT TO THE PROJECT (DO NOT EXCEED 150 WORDS)**

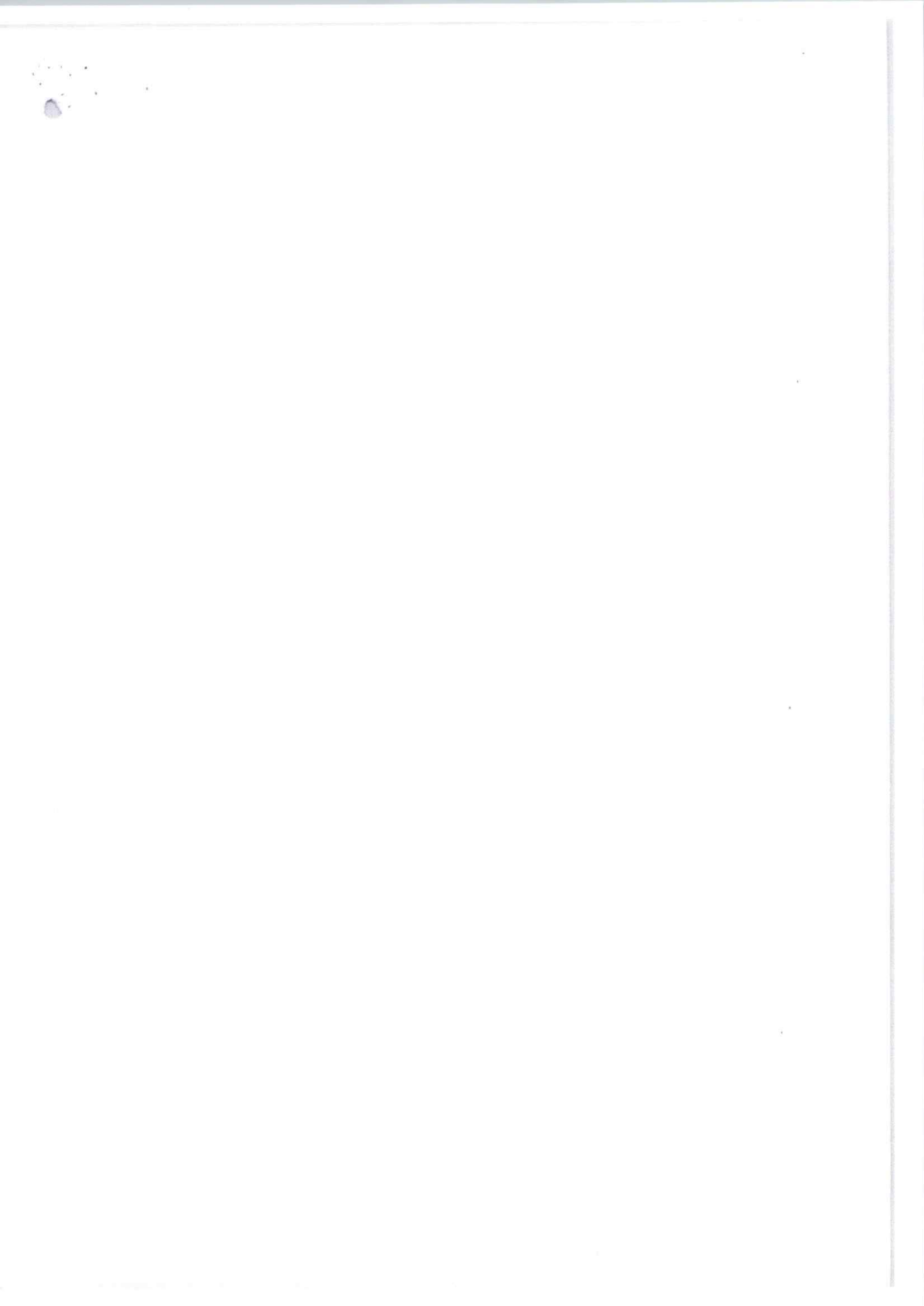
Cloning, expression and purification of small therapeutic peptides for M/S. Celestial Biolabs, Hyderabad (completed 2008)

It is certified that the above particulars submitted are true and correct.

Place: HYDERABAD

Date : 20-07-2018

  
Signature :





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15AA 341886

Sl.No. 14989 Dt 3/8/18 Rs.20/-  
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For/Dt/No. RAMA SIVA REDDY  
or whom LEAFGEN BIOTECH PVT.LTD.

  
SUB-REGISTRAR  
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SRO UPPAL  
13/09/2021

**MEMORANDUM OF UNDERSTANDING (MOU)**

BETWEEN

ONCOSIMIS BIOTECH PVT LTD, a company incorporated under the Companies Act 2013 and having its corporate office at LIG, BLOCK 38, FLAT 07, BAGHLIGHAMPPALLI, HYDERABAD, TS, INDIA 500044 (hereinafter referred to as OSB for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, OSB represented by Mr Sudarshan Reddy.

AND

YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this MOU, OSB, and YVU shall be collectively



  
REGISTRAR  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005.



referred to as "parties" and the term "party" refers to any of them as the context permits.

WHEREAS the **OSB**, a private/corporate research company was founded and established in Dec 05<sup>th</sup> 2016 with the objective of "Bringing expensive Biologics within reach. The Research and Development of OSB are focused on the area of B. Oncosimis is a research and clinical stage biopharmaceutical company focused on identifying, developing, manufacturing and commercializing therapeutic relevant proteins including mAbs, recombinant proteins. The OSB is looking forward to a successful Industry-Institute liaison towards closer partnership [Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, the OSB and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This

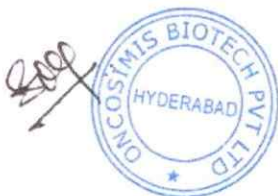


MOU is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.



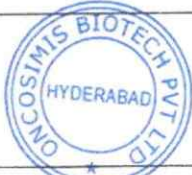
- i) The YVU will recognize **OSB** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize **OSB** Scientists/technical people of OSB on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the OSB scientists/technical people of OSB in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and will render all necessary support for research scholars without any financial commitment
- iv) The OSB will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum or where possible*.
- v) The OSB will give priority to the students of YVU in *placements where possible*.
- vi) Collaboration in research activities between OSB and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of OSB and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.

WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the attribution of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by **OSB**. In witness whereof, the parties have set their respective hands and seals to these



presents through their duly authorized representatives on the 13<sup>th</sup> day of September month of 2021.

| Signed, sealed and delivered  | Signed, sealed and delivered  |
|---|---|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                          | For and on behalf of<br>Oncosimis Biotech Pvt Ltd<br>Plot No 3, Genpact Rd, IDA Uppal,<br>Habsiguda, Hyderabad-500007 |
|          |                                      |
| Signature<br>Name: Prof. <u>D. VITAYA RAGHAVA PRASAD</u>                                  | Signature<br>Name: Mr L Sudarshan Reddy   |
| Designation: Registrar  | Designation: CEO  |
| Seal<br>REGISTRAR<br>YOGI VEMANA UNIVERSITY<br>KADAPA-516 005.<br>Date: <u>25-09-2021</u> | Seal<br><br>Date: 13/09/2021      |

13/9  
Ravi  
Hostel office

Kadapa,  
27/09/2021.

To.

The Principal,  
Yogi Vemana University,  
Kadapa.

O/o PRINCIPAL  
YOGIYEMANA UNIVERSITY COLLEGE  
FILE MOVEMENT

No. 232-452

IN 28-09-2021 OUT

From.

D. Radhika,

6-2-135,

Flet no 302,

Padmarathi Unnethu Towers,

Tirupathi.

Sub: Submission of NOU Copies - Bank  
Challen - Reg.

Sir,

I have by enclosed the Copies of  
NOU, Bank challan for admission into  
Phd Program in the Dept. of Computer  
Science & Technology.

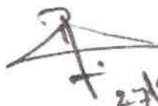
Thanking you Sir.

Yours faithfully,

D. Radhika

D. Radhika.

Received

  
27/9/21



**YOGI VEMANA UNIVERSITY:: KADAPA  
DIRECTORATE OF ADMISSIONS**

**Prof. K Gangaiah  
Director**

Phone:08562-225442

Date: 27-08-2021

**PROVISIONAL SELECTION LETTER FOR Ph. D ADMISSION**

Sub: -Yogi Vemana University – Directorate of Admissions – Ph.D Admission under EMR Quota  
– Department of Computer Science & Technology - Provisional Selection – Orders issued  
- Reg.

Ref: - No. YVU/AS/EMR&JRF q/Select.Comm. Minutes/Forwarding to DOA Dated 17-08-2021  
of the Registrar, Yogi Vemana University, Kadapa  
\*\*\*\*\*

**ORDER:**

In pursuance of the order cited, **Ms..D.Radhika** is provisionally selected for Ph.D programme (part-time) under EMR quota in the Department of Computer Science & Technology subject to the following conditions.

1. Payment of prescribed fees as per the University rules/norms within One Month.
2. Submission of Memorandum of Understanding (MOU) between Yogi Vemana University and Your Organization/corporate/Industry/etc.(soft copy enclosed)
3. Research supervisor consent (If Guide opted from your organization/Corporate/Industry /etc.).

After fulfillment of the above requirements, the candidate will be allotted guide/co-guide by the Principal office on the recommendations of Department Research Council (DRC). The candidate suggested to contact Principal office and concerned Department for further details.

**DIRECTOR  
DIRECTOR**

**Directorate of Admissions  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005**

To

**Ms. D.Radhika**

D.No. 6-2-135, Flar No. 302, Padmavathi Unnathi Towers, Thyagaraja Nagar, Tirupati.

Mobile.NO.9491164286, Email: doddaradha8@gmail.com

Copy to

1. The Principal, Yogi Vemana University College, Kadapa
2. The Registrar, YVU, Kadapa for information.
3. The Head/Coordinator, Department of Computer Science & Technology, YVU, Kadapa.
4. The Academic section for information
5. The File.

22 March 2021  
Hyderabad

No Objection Certificate

This is to certify that Mrs. Radhika D, Emp ID: T75245, working in the department of **Information Technology** as a **Software Developer** is permitted to pursue the proposed research work for her Ph.D. Degree at the YOGI VEMANAUNIVERSITY by making use of the available facilities in our organization. The Supervisor(s) from YVU shall be permitted to visit the organization periodically to monitor and assess the research work carried out by the candidate.

Yours Truly,  
Techmagix IT Solutions (INDIA) Pvt Ltd.,  
  
Meghna Varma  
Manager HR

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पचास  
रुपये

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S.No. 9209 Date : 23-09-2021 Rs.50/-  
Sold to : Meghana Varma, Manager HR, Hyderabad.  
For Whom : Techmagix IT Solutions.

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# 300, NAWABPET, TIRUPATI.  
Cell: 8801813321

24.09.2021.

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

**TECHMAGIX IT SOLUTIONS (INDIA) PRIVATE LIMITED**, a company incorporated under the Companies Act 2013 and having its corporate office at **MADHAPUR, HYDERABAD** (hereinafter referred to as **Techmagix IT Solutions (India) Private Limited** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, **Techmagix IT Solutions (India) Private Limited**, represented by **Meghana Varma, Manager/HR**.

AND

**YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh** represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors, and permitted assigns) of the **SECOND PART**. For this MOU, **Techmagix IT Solutions Pvt., Ltd.**, and **YVU** shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.



WHEREAS the Techmagix IT Solutions Pvt., Ltd., a private/corporate research company was founded and established in 2006 with the objective of development of Software Solutions in manufacturing & trading companies. The Research and Development of Software are focused on the area of Creative and Innovative Solutions in Mobile development, Software development, Enterprise development etc.... Currently, the company is incubated at Hyderabad. The Techmagix IT Solutions (India) Private Limited is looking forward to a successful Industry-Institute liaison towards closer partnership - [Whichever is relevant to the party of the First Part].

WHEREAS YVU is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The university's main objective is the creation and dissemination of knowledge, attainment of enlightening wisdom through the advancement of learning, progress and prosperity, and social enrichment. The university offers 27 graduate and postgraduate courses in arts, business administration, commerce, computer applications, sciences, law, education, and physical education in the capacity of an affiliating university. The university has 117 regular faculty members on its rolls besides 300 supporting staff. In the current year about 1800 students are pursuing postgraduate programs and almost 200 research scholars pursuing research. During the short span of 15 years, the University witnessed significant growth in terms of varied aspects that reflect the academic output and quality research to cater to the need of society, as evidenced by 2f and 12B of UGC and NAAC (B grade with 2.54 score). The faculty members of YVU have expertise in conducting R&D studies. YVU has the experimental facilities and equipment and the expertise for conducting R&D in the areas mentioned above. YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. To facilitate collaboration between the University and industry, the curriculum was designed to focus on the students' skill development.

WHEREAS the parties realize the significance of collaborative research. THEREFORE, the Techmagix IT Solutions (India) Private Limited and Yogi Vemana University wish to enter this Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension, and technical guidance in the fields of common interest within the framework of the charter of both the institutions. This MOU is subject to due diligence about the







capability and feasibility of the technology following Government procedures and rules in vogue. The broad area of co-operation envisaged, and the terms of MOU are as follows.

- i) The YVU will recognize Techmagix IT Solutions (India) Private Limited as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses.
- ii) The YVU will recognize Techmagix IT Solutions (India) Private Limited Scientists/technical people of Techmagix IT Solutions (India) Private Limited on their merits following the University's rules, and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category after notification.
- iii) The YVU will provide Ph.D. registration under the EMR category for the Techmagix IT Solutions (India) Private Limited scientists/technical people of Techmagix IT Solutions (India) Private Limited in YVU by appointing Guide or Co-Guide from the respective Departments following the University's rules and norms and will render all necessary support for research scholars without any financial commitment
- iv) The Techmagix IT Solutions (India) Private Limited will give priority to the PG students of YVU in industrial orientation and training for a specified period in *curriculum or where possible.*
- v) The Techmagix IT Solutions (India) Private Limited will give priority to the students of YVU in *placements where possible.*
- vi) Collaboration in research activities between Techmagix IT Solutions (India) Private Limited and YV University.
- vii) Produce high-quality publications which will be authored by all those contributing to the work, namely the scientists/technical people of Techmagix IT Solutions (India) Private Limited and YVU faculty members who are involved in the EMR category of Ph.D.
- viii) Any other mutually agreed form of cooperation.



WHEREAS except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the attribution of two arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between them to an umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

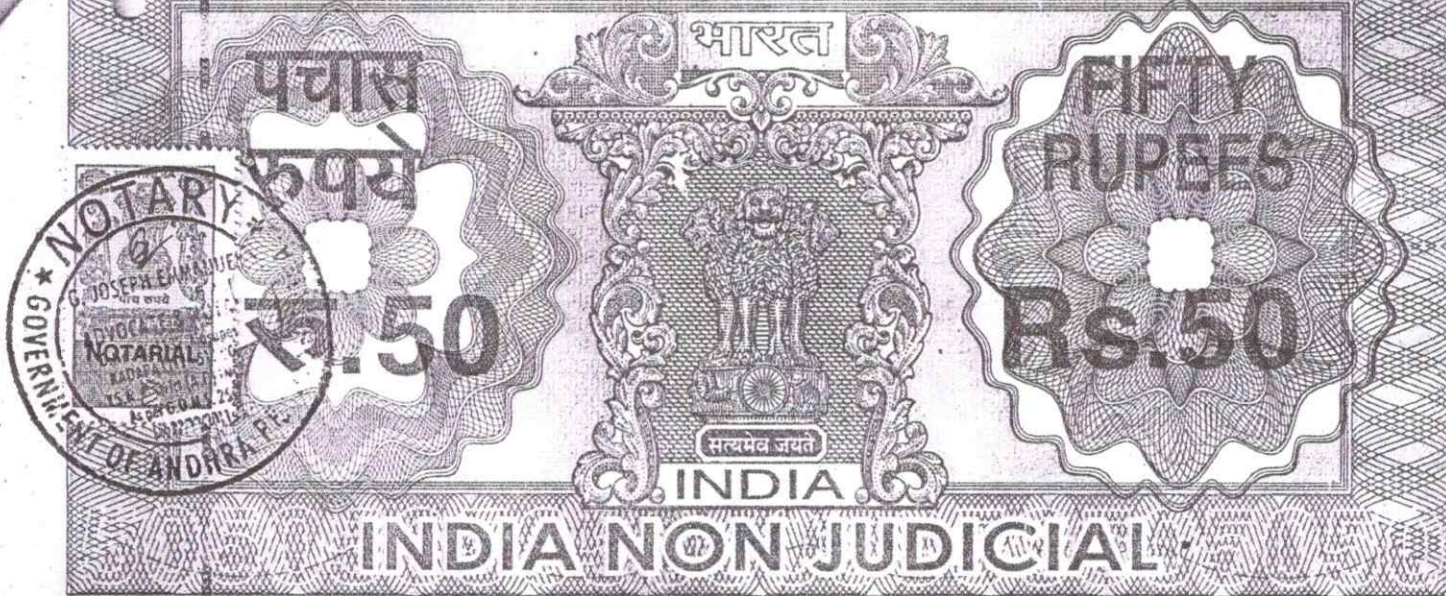
This MoU has been executed in two originals; one of these has been retained by YVU and the other by Techmagix IT Solutions (India) Private Limited. **In witness whereof**, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the 24<sup>th</sup> day September month of 2021.

| Signed, sealed and delivered   | Signed, sealed and delivered  |
|--|---|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                           | For and on behalf of<br>Techmagix IT Solutions (India) Pvt., Ltd.,<br>Hyderabad 500 032               |
|         |   |
| Signature<br>Name: Prof. <u>D. VIJAYA RAGHAVA PRASAD</u><br>Designation: Registrar         | Signature <u>Meghana</u><br>Name: Meghana Parma<br>Designation: HR Manager                            |
| Seal<br>Date: <u>27-09-2021</u><br>REGISTRAR<br>YOGI VEMANA UNIVERSITY<br>KADAPA - 516 005 | Seal<br>Date:<br> |



27/09/2021  
Cell: 9959764050  
D. D. D. S. BALAKRISHNA, BA, BL  
ADVOCATE & NOTARY  
# 1-3-308, P.P. CHAVADI STREET  
TIRUPATI - 517 501

भारतीय गैर न्यायिक



ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

AV 226463

S No. 8018 Date: 12/22/21  
Sold to: B. Borra Harshavardhan Reddy  
'or Whom: ...

SHAIK MAHABOOB BASHI  
LICENSED STAMP VENDOR  
L. No 11-18-5/1994  
R L No 11-18-022/2021  
MAMILLAPALLI (V) Y.S.R. (Dist)  
Cell : 9866927761

From

Borra Harshavardhan Reddy,  
Head Upstream Process development,  
Syngene International Limited,  
Bangalore.  
Borra\_reddy@syngeneintl.com  
9904652135

To

The Principal  
Yogi Vemana University,  
Kadapa.

Sub: Submission of Non-Judicial Affidavit for Ph.D Provisional selection letter dated 27.08.2021, Yogi Vemana University – Directorate of Admission under EMR Quota – Department of Microbiology – Provisional selection – orders issued – Regd)

Ref: No. wU/As/EMR&JRF q/Select Comm Minutes/Forwarding to DOA Dated : 17-08-2021 of the Registrar Yogi Vemana University, Kadapa.

Respected Principal,

I am Borra Harshavardhan Reddy, working as Head - Upstream Process development for production of Therapeutic Proteins and antibodies (Research) in Syngene International Limited, Bangalore. I have applied for PhD Program in Yogi Vemana University, Kadapa under EMR Quota. In pursuance of the order cited, I am provisionally selected for PhD program (Part-time) Under EMR Quota in the Department of Microbiology.

Within my preview, I will be helping students of Yogi Vemana University, Kadapa for the relevant placements and internal trainings purpose in line with Syngene Policy.

Thanking You,

Borra Harshavardhan Reddy

ATTESTED BY  
G. JOSEPH EMMANUEL, B.A., B.L.,  
ADVOCATE AND NOTARY  
29/12/21



తెలంగాణ తెలంగాణ TELANGANA

K-Geetha Rani  
AH 230682

Sl. No. 204, Date: 10/01/2022  
Sold To: SIRIPURAPU RAJESH  
S/o. SIRIPURAPU PRABHAKARA RAO, R/o. HYDERABAD  
For Whom: --SELF--

**KODALI GEETHA RANI**  
LICENSED STAMP VENDOR  
L No: 16-04-001/2013  
R L No: 16-04-024/2022  
# 8-3-191/132, 167/C, BEHIND E-SEVA  
VENGAL RAO NAGAR, HYDERABAD-500038  
Cell: 94920 25252

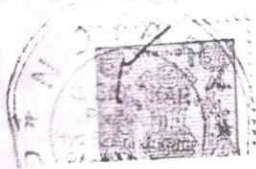
From  
Siripurapu Rajesh,  
Executive HR & Admin,  
Viyash Life Sciences Private Limited, Hyderabad.  
rajesh.siripurapu@viyash.com  
9963155153

To  
The Principal,  
Yogi Vemana University,  
Kadapa.

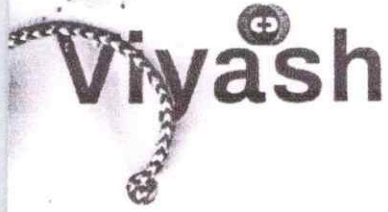
**Sub:** Submission of Non-Judicial Affidavit for Ph.D provisional selection letter dated 27.08.2021, Yogi Vemana University- Directorate of admission under EMR Quota- Department of MBA-Provisional Selection-orders issued- Regd.  
**Ref:** No. YVU/As/EMR&JRF q/Select.Comm.Minutes/Forwarding to DOA Dated 17-08-2021 of the Registrar, Yogi Vemana University, Kadapa.

Respected Principal,  
I am Siripurapu Rajesh, Currently Working as Executive HR & Admin in Viyash Life Science Private Limited, Hyderabad. I have applied for PHD Program in Yogi Vemana University, Kadapa under EMR Quota. In Pursuance of the order cited, I am provisionally selected for PhD program (Part-time) Under EMR Quota in the Department of MBA.  
With my preview, Subject to requirement of Viyash Life Sciences Private Limited, I will be helping students of Yogi Vemana University, Kadapa for the relevant placements and internal trainings purpose in line with Viyash Life Sciences Private Limited policy.

Thanking You,  
Siripurapu Rajesh  
*S. Rajesh*



ATTESTED  
*[Signature]*  
S. BHACTAR BA LLB  
NOTARY  
Tuni/Andhra Pradesh



Viyash Life Sciences Private Limited.

Registered Office :

Plot No. 290, Srivalli's Corporate

Road No. 6, Kakatiya Hills, Madhapur

Hyderabad - 500 081, Telangana, India

T: +91 93911 39986 | E: info@viyash.com

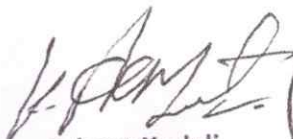
CIN : U24239TG2019PTC130774

To,  
The Directorate of Admissions,  
Yogi Vemana University,  
Kadapa.

### No Objection Certificate

This is to confirm that Mr. Siripurapu Rajesh is working in this organization from 26-11-2021 to till date and his present designation is Executive in HR & Administration Department, Employee No: VLS 0321. The candidate if selected for admission in to Ph. D will be permitted to pursue the proposed Research work for his Part-Time/EMR quota Ph.D. Degree from the Yogi Vemana University, Kadapa.

For Viyash Life Sciences Pvt Ltd,

  
Achyut Kodali  
AGM – HR&Admin





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

1527 31-3-2017 100/-

S.No.....Date.....Rs

For with Prof. Y. Nazeer Ahmed S/o Y. Mastari Saheb  
Registrar, Yogi Venkanna University, Kadapa.

BV 990633

S. FAKRUDDIN  
LICENSED STAMP VENDOR  
LNO 1-18-2011  
MADRAS 11-50005  
V.C.F. Dist. Call 9440914530

Government of India  
Ministry of Environment, Forest & Climate Change  
CS-Division

MEMORANDUM OF UNDERSTANDING

Between the Botanic Garden YOGI VEMANA UNIVERSITY (Host Institution), Ministry of Environment, Forest & Climate Change (MoEFCC) and Botanical Survey of India (BSI) in respect of the scheme on Assistance to Botanic Gardens (ABG)

I. A Memorandum of Understanding (MoU) has been reached this day of 31-03-2017 between the Ministry of Environment, Forest & Climate Change, GOI (hereinafter referred to as MoEF&CC, BSI) and YOGI VEMANA UNIVERSITY (Name of Institution/Organisation), (herein after referred to as the Botanic Garden) with respect to implement the scheme Assistance to Botanic Garden (ABG) vide Ministry's sanction letter dated 31-03-2017 No. 10/16/2016-CS/BG for total amount of Rs. 88,13,640-00 for a period of 3 years.

The MoU deals mainly with delineating the responsibilities of the MoEFCC, BSI and the PI (Botanic Garden/Lead Garden); the fulfilment of terms and conditions which is essential for achieving the objectives of the scheme.

## II. Objectives of the ABG Scheme:

1. Strengthening of infrastructural facilities in Botanic Gardens, Botanical Sections in popular Gardens and Centres of ex-situ conservation.
2. Ex-situ conservation of indigenous particularly Endemic and Threatened (Critically Endangered, Endangered and Vulnerable) plant species, their multiplication, Re-introduction and rehabilitation of said plants in natural habitats in collaboration with State Forest Department on project basis.
3. Establishment of seed banks, arboreta and mist propagation facilities.
4. Promotion of education and public awareness in respect of above said plants.

## III. Responsibilities of MoEFCC

- i. To facilitate effective functioning of Botanic Gardens/Lead Gardens through BSI.
- ii. To issue the sanction order and release the grants-in-aid earmarked to the Botanic Garden subject to satisfactory progress and receipt of required financial status.
- iii. To assist and support the Botanic Garden in every way to ensure the achievement of objectives of the ABG Scheme.
- iv. To ensure timely completion of the project.
- v. Monitoring evaluation and inspection of the Project by MoEFCC or any other officer / agency authorized in regard.

## IV. Responsibilities of the Smaller Botanic Garden/Lead Botanic Garden

- ❖ The institute shall strive to maximise generation of internal resources and eventually attain self-sufficiency. It shall create a corpus fund, the returns in investment of which will enable the institute to meet its revenue expenditure.

- ❖ To ensure that government grant is spent for the purpose for which it is given and to submit Utilization Certificate/Progress Report/Photos of physical deliverables.
- ❖ To allow audit and inspection by the Ministry.
- ❖ To follow DBT scheme in all its transaction.
- ❖ To follow GFR and economy instructions in respect of groups received from the central government.
- ❖ To consolidate the accounts of all branches/units and get the accounts audited by an auditor appointed from the panel of C&AG.
- ❖ To get the audit done by C&AG, if the Government grant exceeds Rs 1Cr in a year.
- ❖ To publish the annual Audited accounts in its website for public viewing.
- ❖ The major responsibilities of the Lead Botanic Garden is to serve as a referral centre and a model with respect to conservation of threatened and endemic species of different phytogeographic region of the country .
- ❖ The lead Botanic Gardens would serve as a important node in the network of other Botanic Garden of the region supported by the Ministry under the scheme in term of exchanging knowledge and plant material of the identified threatened and endemic species and also ensuring maintenance of such plant species populations.
- ❖ The knowledge generation activity undertaken in the lead Botanic Garden is linked to the ultimate management objective of ex situ conservation.
- ❖ Conserve natural vegetation specially Endemic and Threatened plant species through multiplying them ex-situ and rehabilitating them in their natural habitats.
- ❖ Study of the Phenology and response of the plants to climate variability/change.
- ❖ Serve as centres of training, with expertise in a focused area of subject specialization, including horticulture.



- ❖ Building up of information on in-situ as well as ex-situ conservation of the Endemic and Threatened species and their habitats.
- ❖ Compile information on the area of occurrence, area of occupancy, number and size of populations, spatial distribution of populations, identification of important associates such as pollinator's trends in relation to habitat changes and pattern of disturbance, etc. Besides prepare Red Data Sheets for the selected species as per IUCN format.
- ❖ Promote environmental awareness/nature conservation through well defined education programmes and educational materials.
- ❖ Standardisation of propagation techniques for Endemic and Threatened plant species of the particular region.
- ❖ Submission of half-yearly progress report in physical and financial terms (as per proforma) and to report to Ministry measurable Parameters for each grant and its achievement.
- ❖ Submit six monthly progress report on above items of work to Ministry

#### V. Responsibilities of Botanical Survey of India (BSI)

(i) BSI would be responsible for ensuring that quality milestones of the scheme are achieved at the end of the plan period.

(ii) Funding of the Botanic Gardens/Lead Botanic Gardens under the scheme would be routed through BSI on the basis of authorization issued by the Ministry to the PAO of the BSI.

(iii) BSI will receive the proposals in the prescribed proforma given in the Guidelines in response to the advertisement in print media (or) posted on the website of the MOEFCC.

(iv) BSI will verify the competence of the proponent organization in terms of the expertise and experience of the proponents to undertake the proposed activities in accordance with the guidelines of the scheme. BSI will also conduct a technical scrutiny of the Action Plan of the proponent organization. The Action Plan would be accompanied by the budgetary estimates for the implementation of the action plan.

(v) After the detailed scrutiny and the budget estimates, BSI will place the proposals before the Expert Group constituted by the Ministry for appraisal and recommendation to the Ministry for approval.

(vi) Recommendations / Suggestions of the Expert Group would be appropriately incorporated in the Action Plan and final proposal would be submitted to the MOEFCC through BSI by the Botanic Gardens in a suitable format for obtaining concurrence of IFD and approval of the Competent Authority.

(vii) Based on the recommendations of the Expert Group, the Ministry with the concurrence of IFD would issue authorization to the BSI for onward release of funds to the respective participating Botanic Gardens/Lead Botanic Gardens under the programme.

(viii) The BSI would ensure monitoring and review of the ongoing projects and also physical verification of the facilities created, number of Endemic and Threatened plant species conserved, rehabilitated and survived in the field and then submit the performance report to the Expert Group for review annually.

(ix) The BSI would submit to the MOEFCC duly examined utilization certificates/expenditure statements with their recommendations for authorization of funds out of allocation made by the Ministry for the scheme during the financial year.

#### VI. Terms & Conditions.

1. The grants-in-aid shall be released in annual instalments as not more than 60% in the first instalment, second instalment not more than 30% and in the third instalment rest of the amount. While the first instalment shall be released on the recommendations of the Expert Group Committee, subsequent releases will depend on the submission of the requisite Utilization Certificate, Expenditure Statements and Progress Reports, etc. by the project/implementing agencies and their acceptance by the BSI and Ministry. The Botanic Gardens should submit one set of Utilization Certificate, Expenditure Statements and Progress Reports, etc. to BSI and another set to MoEFCC. The project activities should be completed within the allotted time period. The Institute receiving Grant under the Scheme shall open a separate Bank account and it shall be open for audit by Central Government or C&AG.

2. The PI of the project through Head of the Department or the Competent Authority shall submit an Undertaking to the effect that the land use of the land designated for the proposed Botanic Garden shall remain unchanged and the Garden shall be maintained from the institute funds after receiving the financial support from the Ministry for improvement of Botanic Garden. The fixed assets created under out this grant shall not be disposed off without concurrence of the Ministry. If the implementing agency fail to utilize the fund for the purpose it was granted in project period than it has to refund the fund to Ministry along with the Bank interest incurred.
3. The Botanic Garden receiving funding should give saplings of all the endemic, threatened and economically important plant species introduced in their garden as a result of funding by MoEFCC from this project to the respective Regional Centres of BSI where the garden is located.
4. In the event of the Expert Group Committee recommending closure of the funding to the Botanic Garden, this MOU shall be terminated, after giving a clear notice of one month's time to the Project implementing agency.
5. In case of termination of the MoU, all unutilized funds up to the date of termination of the agreement will have to be returned to the Ministry by the Botanical Garden and there should not be any overlapping of the activities under the projects with the activities of on -going scheme under CSS/CS State Government Scheme
6. Due caution should be exercised by the Botanic Garden in dissemination /publication of any information/data/findings of sensitive/classified nature, emanating out of the project. They can consult the BSI in this regard. The ultimate responsibility of ensuring discretion and secrecy of data/findings in such cases will rest entirely with the Botanic Garden.
7. There shall not be any cost -escalation of the project due to any delay/time over run and if so same will have to be borne by the Host Institution.
8. All disputes, disagreements, etc. if any, arising out of the Assistance to Botanic Garden Scheme, shall be resolved by the Ministry, in consultation with expert Group or any other agency.
9. MoEFCC reserves the right to add, delete or modify the provisions of the MOU, which shall invariably be approved by the Competent Authority of the Ministry.

10. On all aspects where this MoU is silent or for special cases of deviation from the provisions of this MoU or the Assistance to Botanic Garden Scheme, the decision of the Ministry shall be final.

11. The above MoU has been entered into and signed on behalf of MoEFCC, the Botanical Garden and implementing agency Botanical Survey of India (BSI) on the day FRIDAY, month MARCH and year 2017

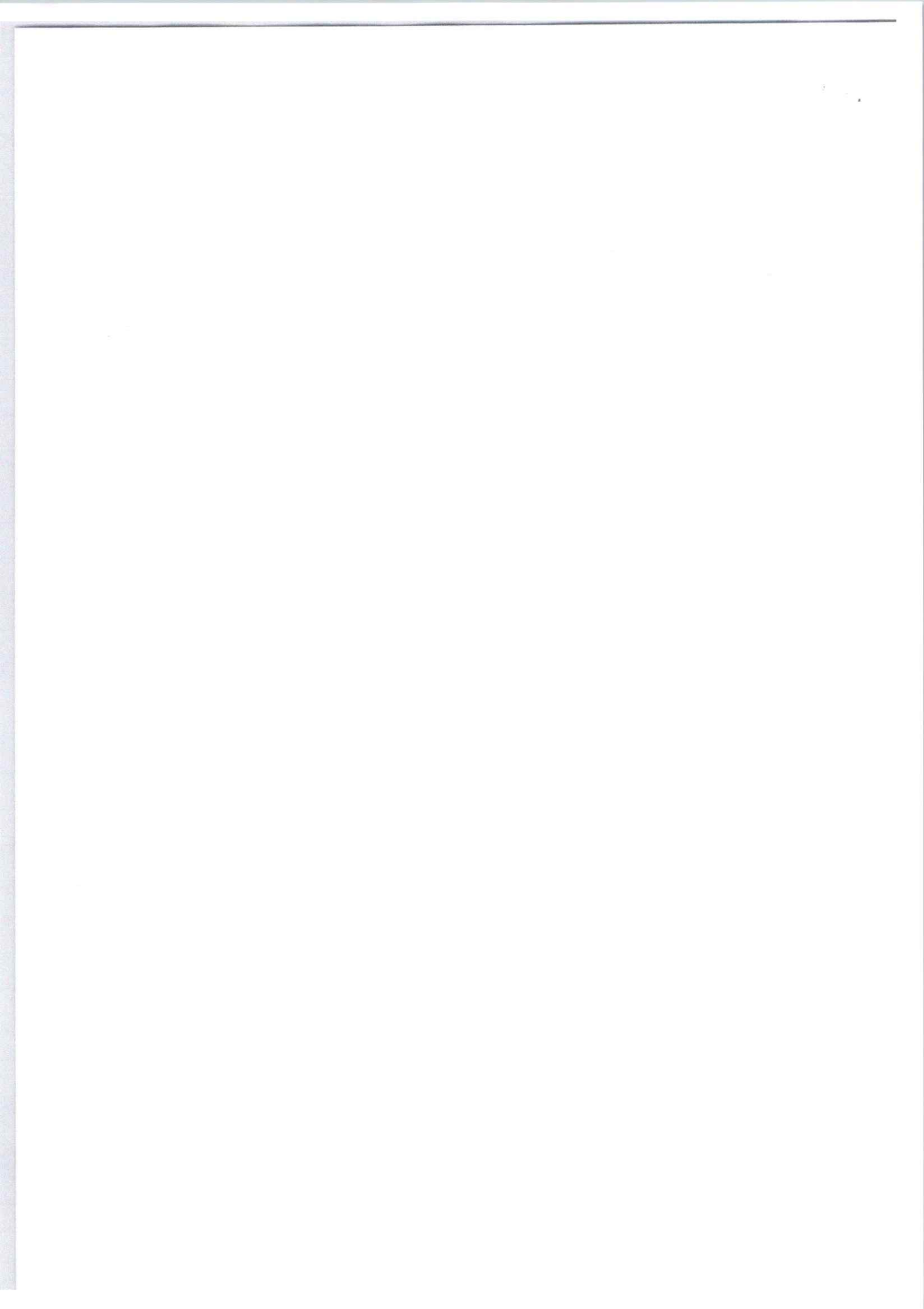
PI of the Institute  
**Dr. A. Madhusudhana Reddy**  
(Seal of the Office)  
Assistant Professor  
DEPARTMENT OF BOTANY  
**YOGI VEMANA UNIVERSITY,**  
KADAPA - 516 003.

Director/Head of Office  
(BSI)  
(Seal of the Office)

Dean/Head of Institute  
(Seal of the Office)  
REGISTRAR

**YOGI VEMANA UNIVERSITY**  
KADAPA-516 003.

(Director, CS Division, MoEF&CC)  
(Seal of the Office)





# Government College (Autonomous)

(Re-Accredited at 'A' Grade by NAAC)

Ananthapuramu. Andhra Pradesh.

## MEMORANDUM OF UNDERSTANDING

Between

DEPARTMENT OF GEOLOGY  
GOVERNMENT COLLEGE (AUTONOMOUS) ANANTAPUR  
AND

DEPARTMENT OF GEOLOGY  
YOGI VEMANA UNIVERSITY, KADAPA

This agreement is made this 16th day of April, 2017 between the two departments In the spirit of friendship and with mutual interest in academic cooperation in areas of students' interest and the two departments enter into this Memorandum of Understanding (MOU) to promote joint educational collaboration and agree as follows:

- Joint teaching, research, or cultural activity;
- Mobility of faculty, scholars, and students between institutions;
- Staff professional development;
- Sharing or creation of educational materials and resources.
- Motivation of students for pursuing higher studies


This MOU is signed only for the approval of each institution's authorized representatives and does not have legal binding.


This MOU shall be in effect for a period of 5 years from the last date of signature. Either party may request termination of this agreement, in writing, ninety (90) days prior to the proposed termination date. Any activities in progress at the time of termination shall be permitted to conclude as planned unless otherwise agreed in writing.

Amendments to this MOU may be requested, in writing, by either party and approved by the authorized signatories.

None of the parties shall use the name, logo, likeness, trademarks, image or other intellectual property of either of the other parties for any advertising, marketing, endorsement or any other purposes without the specific prior written consent of an authorized representative of the other party as to each such use.

No party may assign this Agreement or any rights or obligations under this Agreement to any person or entity without the prior written consent of the other parties. Any assignment in violation of this provision is null and void.

  
FOR AND ON BEHALF OF  
Dr. R. Padma Sree  
Lecturer  
DEPARTMENT OF GEOLOGY  
Incharge (U.G. & P.G.)  
GOVERNMENT COLLEGE (A)  
Department of Geology  
Government College (A)  
Ananthapuramu - 515 001

  
FOR AND ON BEHALF OF  
Dr. K. Srinivas  
DEPARTMENT OF GEOLOGY  
YOGI VEMANA UNIVERSITY  
KADAPA - 518 001

Landline: 08554 - 240825, Mobile: +91 - 9948121720

Website: [www.gdcatp.org](http://www.gdcatp.org), Email: [ananthpur.jkc@gmail.com](mailto:ananthpur.jkc@gmail.com)

2018

(7)



Serial No. 507  
 Purchased By  
 K. CHANDRAIAH, Registrar, Yogi Bhanu University  
 S/O K. VENKATAIAH  
 KADAPA.

ANDHRA PRADESH  
 For  
 11-2018

Stamp S. no CK 429449  
 Sub Registrar  
 Ex. Office Stamp Vendor  
 SRO Cuddapah (R.O)

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)**, a Society registered under the Societies Registration Act (XXI of 1860), having its registered office at Anusandhan Bhawan, 2, Rafi Marg, New Delhi - 110 001 THROUGH its constituent laboratories, **CSIR-CENTRAL INSTITUTE OF MEDICINAL & AROMATIC PLANTS (CSIR-CIMAP), LUCKNOW** and **CSIR-Indian Institute of Chemical Biology, Kolkata** (herein after referred to as CSIR-CIMAP and **CSIR-IICB** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**,

CSIR-CIMAP and CSIR-IICB are represented by Director Prof. Anil Kumar Tripathi and Prof. Samit Chattopadhyay, respectively.

**AND**



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 9346

Date. 04/11/2020

Sold to Registrar, Yogi Vemana University

at whom... C. K. Dharma (a) Kadapa

AMP 75450

J. SURYA PRAT

STAMP VENDOR

licence No : 11-J8-008,

R.L. No.: 01-01-2019 to 31-

BONDALAKUNTA (VI. &

MUDDANUR (M), Y.S.R. Kadapa

MEMORANDUM OF UNDERTAKING (MOU)

This agreement is made on the 17<sup>th</sup> day of November, 2020 between the secretary acting on behalf of the Press Academy of Andhra Pradesh (herein after called as PAAP) which expression shall include his successors and assignees on the one part and the Registrar acting on Behalf of Yogi Vemana University, Kadapa (herein after called as YVU) which expression shall include his successors and assignees on the other part.

The PAAP wishes to collaborate with YVU in sponsoring working journalists to join in to the courses P.G. and /or Diploma in Journalism being offered by YVU.

It is hereby agreed as follows:

1. In consideration of the agreement to collaborate with YVU, PAAP agrees that the PAAP can sponsor a minimum of 10 working journalists for the P.G. and /or Diploma in Journalism Course in every academic year. The Sponsored candidates shall be the applicant for the said courses.
2. Yogi Vemana University and Press Academy of Andhra Pradesh jointly organize Seminars, Workshops and Conferences in Telugu and Journalism.





ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

S.No. 19347 Date: 04/11/2020 50

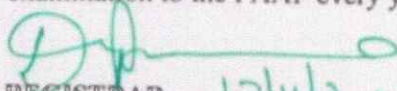
Sold to: Registrar, Yogi Vemana University  
at whom: Kadapa


AM 54501

J. SURYA PRATA  
STAMP VENDOR

Licence No: 11-03-00420  
R.L. No.: 01-01-2019 to 31-12  
BONDALAKUNTA (V. & P.  
MUDDANUR (M), Y.S.R. Kadapa

3. The PAAP shall provide fee concession of 40% (forty percent) in the total fee of Rs. 10,000/- (Rupees ten thousand only) or its original fee prescribed by the University (if it is less) at the time of admission to each of the sponsored journalist who submits application to the University and a copy marking to the Secretary, Press Academy of Andhra Pradesh. The concession amount will be reimbursed by PAAP to YVU within 30 days from the date of admission of the student in YVU.
4. The Qualifications for the Admission shall be any Degree. The PAAP will sponsor working journalists with a minimum three years working experience in the field.
5. The MOU period shall be for 5 (five) years from the date of signing of this agreement and it shall be renewed by the mutual consent of both parties.
6. YVU will conduct classes, examinations and give assignments as per the norms and Academic Calendar of the University.
7. YVU will send the progress report of the sponsored students after the examination to the PAAP every year.

  
REGISTRAR  
Yogi Vemana University  
KADAPA - 516005.  
REGISTRAR  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005.

  
SECRETARY  
Press Academy of Andhra Pradesh  
VIJAYAWADA



తెలంగాణ తెలంగాణ TELANGANA 17 MAR 2020

*P. Srinivasulu*  
Y 880388

Sl. No. 3148 Date 17 MAR 2020 Rs. 100/-

Sold to... Sudarshan Reddy s/o Ramasiva Reddy  
For whom... Onco Simis Biotech Pvt Ltd Hyd

P. SRINIVASULU  
LICENSED STAMP VENDOR  
RL No. 15-12-014/2011  
RE. No 15-12-023/2020  
H. No. 29-507, Vinayak Nagar,  
Neredmet (Post), Malkajgiri (M)  
M.M. Dist-500 056, Cell:9948643398

20<sup>th</sup> MARCH 2020.

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

ONCOSIMIS BIOTECH PVT LTD, a company incorporated under the Companies Act, 2013 and having its corporate office at LIG BLOCK NO.38, FLAT NO.7, BAGHLINGHAM PALLI, HYDERABAD – 500044 (herein after referred to as ONCOSIMIS BIOTECH for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the FIRST PART, ONCOSIMIS BIOTECH represented by L Sudarshan Reddy, Founder & Managing Director.

AND

YOGI VEMANA UNIVERSITY, Kadapa, Andhra Pradesh represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors and permitted assigns) of the SECOND PART. For the purpose of this MOU, ONCOSIMIS, and YVU shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

*Sud*

*[Handwritten signature]*

WHEREAS, the parties recognize the need to promote mutual cooperation by expanding bilateral collaborative relationship regarding establishment of scientific relationship in novel discoveries, patents, publications, resources, and a doctoral degree to a worthy candidate of Oncosimis Biotech employees and also to give priority to Yogi Vemana University Biotechnology & Bioinformatics students to work as well in employee recruitment.

WHEREAS, the **ONCOSIMIS BIOTECH**, is a private company. The global focus on improving healthcare by reducing costs of production portends an attractive opportunity for manufacturers of biosimilar drugs. Biosimilar viz. mAbs and recombinant proteins are in high demand as they have proved to be highly safe with targeted efficacy. The Oncosimis's R&D approach follow strategic focus on curated process development methodologies that are selective to represent cutting-edge biomedical applications with effective means of cure for a variety of medical conditions with unmet medical needs in patients suffering chronic diseases. Being an Indian company, Oncosimis enjoys a lower cost of the facility, human resource, and development costs, apart from helping an immense multitude of our domestic patients with affordable bio-pharmacotherapy. Oncosimis was founded and established in December 2016. Currently company incubated at CRTDH, CCMB Annexe II, Opp Genpact, Uppla Road, Hyderabad. Oncosimis Biotech is putting emphasis on quality basic research, on projects having applied potential and is looking forward to a successful Industry-Institute liaison towards closer partnership, and

WHEREAS Yogi Vemana University, Kadapa in the state of Andhra Pradesh is an emerging State University dedicated to teaching, research, innovation & entrepreneurship in various fields. The main objective of the university is the creation and dissemination of knowledge, attainment of enlighten wisdom through advancement of learning, progress and prosperity, and social enrichment; and

WHEREAS, Oncosimis Biotech and YVU welcome mutual cooperation for establishing a common industry-institution facilitation centre in research, innovation, incubation and entrepreneurship in the human resource development, and

WHEREAS, the parties realize the significance of collaborative research in the field of medicine particularly on infectious diseases, diabetes and cancer and also in bioinformatics field for drug design.




THEREFORE, the Oncosimis Biotech, and Yogi Vemana University wish to enter into this Memorandum of Understanding on this 20<sup>th</sup> day of **March** 2020 as follows:

1. Oncosimis Biotech will provide technical/advisory inputs to help establish research facility in the development of drugs for infectious diseases, diabetes, and cancer at Biotech & Bioinform. YVUniversity.
2. The YVU will provide Ph D registration for the company sponsored employees of Oncosimis Biotech in YVU and also will render all necessary support for research scholars without any financial commitment.



3. Oncosimis Biotech and YVU agree to explore joint Research projects with all the stake holders for developing new technologies for drug development in the state of Andhra Pradesh to support government initiatives and to enable the cluster to get global attention for investment & projects.
4. Oncosimis Biotech will give first priority to the students of YVU in the placements and also in the projects allotments particularly for the department of biotechnology & bioinformatics students.
5. This Memorandum of Understanding is subject to due diligence about the capability and feasibility of the technology following Government procedures and rules in vogue.

In **witness whereof**, the parties have set their respective hands and seals to these presents through their duly authorized representatives on the date first above written.

|  |  |
|--|--|
| <p>For ONCOSIMIS BIOTECH PVT LTD</p>  <p>L Sudarshan Reddy<br/>Founder &amp; CEO.</p>   |  |
| <p>For Yogi Vemana University</p>  <p>Prof. D. Vijaya Raghava Prasad<br/>Registrar.</p> | <p>REGISTRAR<br/>YOGI VEMANA UNIVERSITY<br/>KADAPA - 516003</p>                      |

# भारतीय गैर न्यायिक



ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

AV 226463

S. No. 2018... Date: 29/12/2021

Sold to: P.B. ...

Shaik Mahabooob Basha

LICENSED STAMP VENDOR

L. No 11-18 - 5/1994

R L No 11-18- 022/2021

MILLAPALLI (V) Y.S.R. (Dist)

Cell : 9866927764

For Whom...

From

Borra Harshavardhan Reddy,  
Head Upstream Process development,  
Syngene International Limited,  
Bangalore.  
Borra.reddy@syngeneintl.com  
9904652135

To

The Principal  
Yogi Vemana University,  
Kadapa.

Sub: Submission of Non-Judicial Affidavit for Ph.D Provisional selection letter dated 27.08.2021, Yogi Vemana Universtiy – Directorate of Admission under EMR Quota – Department of Microbiology – Provisional selection – orders issued – Regd)

Ref: No. wU/As/EMR&JRF q/Select Comm Minutes/Forwarding to DOA Dated : 17-08-2021 of the Registrar Yogi Vemana Universtiy, Kadapa.

Respected Principal,

I am Borra Harshavardhan Reddy, working as Head - Upstream Process development for production of Therapeutic Proteins and antibodies (Research) in Syngene International Limited, Bangalore. I have applied for PhD Program in Yogi Vemana Universtiy, Kadapa under EMR Quota. In pursuance of the order cited, I am provisionally selected for PhD program (Part-time) Under EMR Quota in the Department of Microbiology.

Within my preview, I will be helping students of Yogi Vemana Universtiy, Kadapa for the relevant placements and internal trainings purpose in line with Syngene Policy.

Thanking You,

Borra Harshavardhan Reddy  
*B. Harshavardhan Reddy*

ATTESTED BY  
*G. Joseph Emmanuel* 29/12/2021  
G. JOSEPH EMMANUEL, B.A., B.L.,  
ADVOCATE AND NOTARY



తెలంగాణ తేలంగానా TELANGANA

Sl. No. 204, Date: 10/01/2022  
 Sold To: SIRIPURAPU RAJESH  
 S/o. SIRIPURAPU PRABHAKARA RAO, R/o. HYDERABAD  
 For Whom :- -SELF - -

K-Geetha Rani  
 AH 230682

**KODALI GEETHA RANI**  
 LICENSED STAMP VENDOR  
 L No: 16-04-001/2013  
 R L No: 16-04-024/2022  
 # 8-3-191/132, 167/C, BEHIND E-SEVA  
 VENGAL RAO NAGAR, HYDERABAD-500038  
 Cell: 94920 25252

From  
 Siripurapu Rajesh,  
 Executive HR & Admin,  
 Viyash Life Sciences Private Limited, Hyderabad.  
 rajesh.siripurapu@viyash.com  
 9963155153

To  
 The Principal,  
 Yogi Vemana University,  
 Kadapa.

Sub: Submission of Non-Judicial Affidavit for Ph.D provisional selection letter dated 27.08.2021, Yogi Vemana University- Directorate of admission under EMR Quota- Department of MBA-Provisional Selection-orders issued- Regd.

Ref: No. YVU/As/EMR&JRF q/Select.Comm.Minutes/Forwarding to DOA Dated 17-08-2021 of the Registrar, Yogi Vemana University, Kadapa.

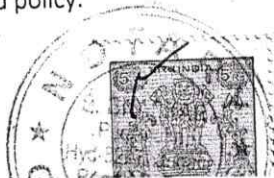
Respected Principal,

I am Siripurapu Rajesh, Currently Working as Executive HR & Admin in Viyash Life Science Private Limited, Hyderabad. I have applied for PHD Program in Yogi Vemana University, Kadapa under EMR Quota. In Pursuance of the order cited, I am provisionally selected for PhD program (Part-time) Under EMR Quota in the Department of MBA.

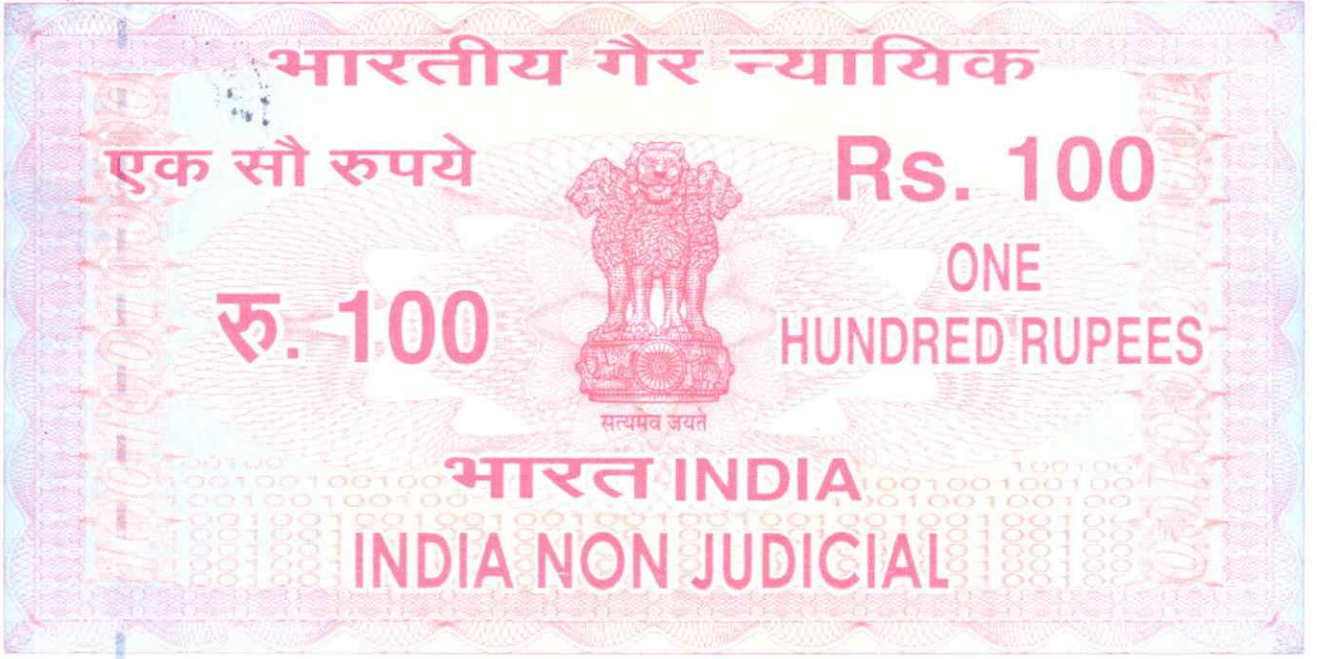
With my preview, Subject to requirement of Viyash Life Sciences Private Limited, I will be helping students of Yogi Vemana University, Kadapa for the relevant placements and internal trainings purpose in line with Viyash Life Sciences Private Limited policy.

Thanking You,  
 Siripurapu Rajesh

*S. Rajesh*



**ATTESTED**  
*S. Bhaskar*  
 S. BHASKAR B.A., LL.B.  
 ADVOCATE & NOTARY  
 H. No: 6-3-39, Punjaqutta.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

1527 31-3-2017 100/-

S.No.....Date.....Rs

old to: Prof. Y. Nazeer Ahamed S/o Y. Mastan Saheb  
For whom: Registrar, Yogi Vemana University, Kadapa.

BV 990633

S. FAKRUDDIN  
LICENCED STAMP VENDOR  
L.No.: 11-18-2/2011,  
JAMALPALLI, KADAPA.  
Y.S.R. Dist. Cell: 9440914530

Government of India  
Ministry of Environment, Forest & Climate Change  
CS-Division  
MEMORANDUM OF UNDERSTANDING

Between the Botanic Garden YOGI VEMANA UNIVERSITY (Host Institution), Ministry of Environment, Forest & Climate Change (MoEFCC) and Botanical Survey of India (BSI) in respect of the scheme on Assistance to Botanic Gardens (ABG)

I. A Memorandum of Understanding (MoU) has been reached this day of 31-03-2017 between the Ministry of Environment, Forest & Climate Change, GOI (hereinafter referred to as MoEF&CC, BSI) and YOGI VEMANA UNIVERSITY (Name of Institution/Organisation), (herein after referred to as the Botanic Garden) with respect to implement the scheme Assistance to Botanic Garden (ABG) vide Ministry's sanction letter dated 31-03-2017 No. 10/16/2016-CS/BG for total amount of Rs. 88,13,640-00 for a period of 3 years.

The MoU deals mainly with delineating the responsibilities of the MoEFCC, BSI and the PI (Botanic Garden/Lead Garden); the fulfilment of terms and conditions which is essential for achieving the objectives of the scheme.

- ❖ To ensure that government grant is spent for the purpose for which it is given and to submit Utilization Certificate/Progress Report/Photos of physical deliverables.
- ❖ To allow audit and inspection by the Ministry.
- ❖ To follow DBT scheme in all its transaction.
- ❖ To follow GFR and economy instructions in respect of groups received from the central government.
- ❖ To consolidate the accounts of all branches/units and get the accounts audited by an auditor appointed from the panel of C&AG.
- ❖ To get the audit done by C&AG, if the Government grant exceeds Rs 1Cr in a year.
- ❖ To publish the annual Audited accounts in its website for public viewing.
- ❖ The major responsibilities of the Lead Botanic Garden is to serve as a referral centre and a model with respect to conservation of threatened and endemic species of different phytogeographic region of the country .
- ❖ The lead Botanic Gardens would serve as a important node in the network of other Botanic Garden of the region supported by the Ministry under the scheme in term of exchanging knowledge and plant material of the identified threatened and endemic species and also ensuring maintenance of such plant species populations.
- ❖ The knowledge generation activity undertaken in the lead Botanic Garden is linked to the ultimate management objective of ex situ conservation.
- ❖ Conserve natural vegetation specially Endemic and Threatened plant species through multiplying them ex-situ and rehabilitating them in their natural habitats.
- ❖ Study of the Phenology and response of the plants to climate variability/change.
- ❖ Serve as centres of training, with expertise in a focused area of subject specialization, including horticulture.



(v) After the detailed scrutiny and the budget estimates, BSI will place the proposals before the Expert Group constituted by the Ministry for appraisal and recommendation to the Ministry for approval.

(vi) Recommendations / Suggestions of the Expert Group would be appropriately incorporated in the Action Plan and final proposal would be submitted to the MOEFCC through BSI by the Botanic Gardens in a suitable format for obtaining concurrence of IFD and approval of the Competent Authority.

(vii) Based on the recommendations of the Expert Group, the Ministry with the concurrence of IFD would issue authorization to the BSI for onward release of funds to the respective participating Botanic Gardens/Lead Botanic Gardens under the programme.

(viii) The BSI would ensure monitoring and review of the ongoing projects and also physical verification of the facilities created, number of Endemic and Threatened plant species conserved, rehabilitated and survived in the field and then submit the performance report to the Expert Group for review annually.

(ix) The BSI would submit to the MOEFCC duly examined utilization certificates/expenditure statements with their recommendations for authorization of funds out of allocation made by the Ministry for the scheme during the financial year.

## VI. Terms & Conditions.

1. The grants-in-aid shall be released in annual instalments as not more than 60% in the first instalment, second instalment not more than 30% and in the third instalment rest of the amount. While the first instalment shall be released on the recommendations of the Expert Group Committee, subsequent releases will depend on the submission of the requisite Utilization Certificate, Expenditure Statements and Progress Reports, etc. by the project/implementing agencies and their acceptance by the BSI and Ministry. The Botanic Gardens should submit one set of Utilization Certificate, Expenditure Statements and Progress Reports, etc. to BSI and another set to MoEFCC. The project activities should be completed within the allotted time period. The Institute receiving Grant under the Scheme shall open a separate Bank account and it shall be open for audit by Central Government or C&AG.

10. On all aspects where this MoU is silent or for special cases of deviation from the provisions of this MoU or the Assistance to Botanic Garden Scheme, the decision of the Ministry shall be final.

11. The above MoU has been entered into and signed on behalf of MoEFCC, the Botanical Garden and implementing agency Botanical Survey of India (BSI) on the day FRIDAY, month MARCH and year 2017



PI of the Institute  
**Dr. A. Madhusudhana Reddy**  
(Seal of the Office)  
Assistant Professor  
DEPARTMENT OF BOTANY  
**YOGI VEMANA UNIVERSITY,**  
KADAPA - 516 003.

Director/Head of Office  
(BSI)  
(Seal of the Office)



Dean/Head of Institute  
(Seal of the Office)  
31/3/17  
REGISTRAR  
**YOGI VEMANA UNIVERSITY**  
KADAPA-516 003.

(Director, CS Division, MoEF&CC)  
(Seal of the Office)



①

**GOVERNMENT OF ANDHRA PRADESH**  
**ANDHRA PRADESH STATE BIODIVERSITY BOARD**



To  
Dr. Madhusudhana Reddy  
Professor  
Yogi Vemana University  
Vemana Puram, Yogi Vemana University Rd.  
Ganganapalle, Kadapa-516005

**Ref No. 687/APSBB/PBR/2016 dated. 18.08.2020**

Sir/Madam,

**Sub:** APSBB – Compliance to Hon`ble National Green Tribunal writing of PBRs –Reg.

\*\*\*\*\*

At the outset, we thank you for the co-operation being extended to APSBB for the last many years in formation of Biodiversity Management Committees (BMCs) and writing of Preparation of Peoples Biodiversity Registers (PBRs) in partnership with AP State Biodiversity Board.

You are aware that the Biological Diversity Act 2002, mandates to form Biodiversity Management Committees (BMCs) at all local body levels viz., Zilla Parishad/Mandal/Municipalities/Gram Panchayat level and each BMC shall have a Peoples Biodiversity Register (PBRs) as a Document consisting of information about all the bioresources available, the Tradable Bioresources, Rare and Endangered, Threatened (RET) Species present in the jurisdictions of the local bodies etc.,

We are glad to the inform that APSBB in association with Panchayat Raj Department has completed the formation of BMCs in almost all the local bodies in the state recently. But, the preparation of PBRs is pending in most of the BMCs as only about 1100 PBRs have been written and a few are under progress. As such, there is a pendency of about 13,000 PBRs to be completed, which is a huge task. [The necessary resources prescribed as per National Biodiversity Authority (NBA) guidelines are also not available to the APSBB.] "You are aware that the Hon`ble National Green Tribunal (NGT) vide there O.A No. 347/2016, dated. 09.08.2019 have issued orders that all the State Governments should complete the formation of BMCs and Preparation of PBRs by end of Feb 2020, failing which a penalty of Rs. 10 lakhs per month is payable till the completion of the BMCs formation and writing of PBRs is completed". But as explained above we are still lagging behind very much due to lack of required man power, machinery and financial resources with the board. We are trying our best with the cooperation of partner organization like yours.

Therefore in this context, it is informed that APSBB designed as electronic PBR Method (e-PBR) and completed the writing of PBRs for almost all the Mandals in the state (About 670 Mandals) based on the secondary data available with the line departments) as per instruction of NBA have



GOVERNMENT OF ANDHRA PRADESH  
**ANDHRA PRADESH STATE BIODIVERSITY BOARD**



Date: 12.06.2021

From  
Dr. D. Nalini Mohan, IFS  
PCCF & Member Secretary  
A.P. State Biodiversity Board  
Guntur

To  
**Dr. Madhusudhana Reddy**  
Dept. of Botany  
Yogi Vemana University  
Kadapa

**Ref.No. 853/APSBB/Red Sander Project/YVU Kadapa/2020; Dated 12.06.2021**

Sir,

**Sub:** APSBB – Acceptance of revised updated Project Proposal “Ex-situ Conservation, Macro propagation, population structure and mycorrhizal association of *Pterocarpus santalinus* and its associated tree assemblage” submitted by Dr. A. Madhusudhana Reddy on dt. 06.06.2021 with a budget of Rs. 60.76 lakhs – Sanction order - Reg.

**Ref:** 1) Approved Minutes of the Board meeting-Resolution No. 11, dated 24.03.2021  
2) Committee Meeting held on dt. 04.05.2021 through video conference by APSBB  
3) APSBB received the revised updated project proposal, Budget as per FSR rates through e-mail from Dr. A. Madhusudhana Reddy on dt. 06.06.2021

*Greetings from A.P. State Biodiversity Board!!*

Adverting to the subject and references cited, the APSBB have accepted the project proposal “Ex-situ Conservation, Macro propagation, population structure and mycorrhizal association of *Pterocarpus santalinus* and its associated tree assemblage” (Hence forth called as YVU Red sander project) submitted by Dr. A. Madhusudhana Reddy, YVU Kadapa on dt. 06.06.2021 with some amendments in the Budget proposed based on the comments of the Expert Committee constituted and as per FSR rates of A.P. Forest Department.

In this regard, sanction is hereby accorded for an amount of Rs. 60.76 lakhs (Sixty one lakhs seventy six thousand only) for a period of three years from the date of entering into MoA and the releases will be made year wise as follows:

| Year wise          | Amount (Rs. in lakhs ) |
|--------------------|------------------------|
| Year - 1           | 19,29,428              |
| Year - 2           | 22,67,428              |
| Year - 3           | 18,79,428              |
| <b>Grand Total</b> | <b>60,76,284</b>       |

The following are the conditions to be followed:

1. This project is sanctioned in a collaborative mode with A.P. state Biodiversity Board and also subject to obtaining required permission from A.P. Forest Department for access and collection of material and data from RS bearing forest areas / PAs in the Kadapa area and for implementation of the project activities in Forest areas.

2. The project Proponent has to involve the BMCs listed in the project proposal in activities related to seed collection, marking of trees for identification, nursery raising, transportation and distribution of seedlings raised and necessary training and capacity building activities to be under taken by the proponent.
3. Maintain a separate Bank Account for this project and interest accrued will be treated as a part of principal and adjusted in subsequent releases.
4. No instruments / equipments should be purchase under this project except provided for specifically and only existing infrastructure and man power can be utilized.
5. Maintain separate Books / Records and submit to the APSBB as when required for audit etc.,
6. Utilization Certificate shall be submitted at the end of previous installment and Financial Year in the prescribed format.
7. Submit monthly report on project activities done to APSBB by 10<sup>th</sup> of every month.
8. The post of Research Associate (RA) included in the project will be engaged at the APSBB level by giving notification for inviting applications and the suitable candidate to be selected by the committee formed by the A.P. State Biodiversity Board and including the project proponent. The RA will look after the Red sander project sanctioned now also apart from the other projects of the Board.
9. Suitable Project assistant can be selected at local level to assist the project proponent under intimation to APSBB.
10. This project subsumes the two projects of similar nature sanctioned to Yogi Vemana University, Kadapa in the year 2020-21 for an amount of Rs. 20.00 lakhs only.
11. Appropriate credit to A.P. State Biodiversity Board for any publications or reports generated under this project must be given.

Therefore, it is requested to submit MoA (Format enclosed) and the Bank account details (Name of the Account, Account Number, IFSC code, Bank Branch etc..) and amount required for next six months in the first year for release of first installment to accomplish the project activities.

This is for favour of information and necessary action.

Enclosure:

1. Year wise Budget details of YVU Red sander project
2. MoA

Yours Sincerely



**D. Nalini Mohan, IFS,**  
PCCF & Member Secretary  
A.P. State Biodiversity Board

**A.P. State Biodiversity Board**

Enclosure – 1

Year wise Budget details of “Ex-situ Conservation, Macro propagation, population structure and mycorrhizal association of *Pterocarpus santalinus* and its associated tree assemblage” (YVU Red Sander project)

| S.No. | Name of the component/Numbers                                       | 1 <sup>st</sup> Year Unit cost | 2 <sup>nd</sup> Year Unit cost | 3 <sup>rd</sup> Year Unit cost | Total     | Comments / Recommendations  |
|-------|---|--------------------------------|--------------------------------|--------------------------------|-----------|---|
| 1     | Research Associate (RA) 45,000 P/M                                  | 2,70,000                       | 5,40,000                       | 2,70,000                       | 10,80,000 | As such RA post is not essential for this project. However, we can think about an RA in the APSBB for assisting the Board and the RA will look after this RS project also for a period of two years at the maximum. We cannot afford to have exclusive RA for this project due to financial constraints. The amount proposed per month also is high and it needs to be reduced to 45000/- per month for a suitable candidate to be selected by the committee formed by the Board and including the proponent. |
| 2     | 1-Project Assistants each 18,000 P/M                                | 1,08,000                       | 2,16,000                       | 1,08,000                       | 4,32,000  | One Project Assistant can be permitted for 24 months to assist the project proponent and to work as liaison officer with BMCs.  |
| 3     | 2-Gardeners each 10,000 P/M   | NA                             | NA                             | NA                             | NA        | The FSR rates include labour and material cost also. Hence this item is not permissible   |
| 4     | Chemicals, Equipment's (Laptop, Camera, Microscope, binocular, GPS) | 50,000                         | 50,000                         | 50,000                         | 1,50,000  | As a policy we are not supporting infrastructure in any project. However, organic fertilizers and growth promoters and one GPS are permitted.   |
| 5     | Travel Expenses   | 50,000                         | 50,000                         | 50,000                         | 1,50,000  | T A can be allowed @ Rs. 50000/- per annum as per approved rates of the Government of A.P.  |

|    |   |   |   |   |           |  |
|----|---|---|---|---|-----------|--|
| 6  | Raising of Primary 1 Bed(1x1x0.30 mts) 250 seedlings @ 503.03                                 | 200 Beds<br>@ 1,00,606                        | 200 Beds<br>@ 1,00,606                        | 200 Beds<br>@ 1,00,606                        | 3,01,818  | Permissible and agreed as per FSR of A.P. Forest Department up to Rs. 3.01 Lakhs.<br>The FSR rates are maximum permissible rates and efforts should be made to minimize the expenditure as per rules.  |
| 7  | Raising of Nursery in 5x9/ 200 Guage Bag for 1000 Nos @ 9500 Raising 70% of total in 3 years. | 40,833 seedlings @<br>3,87,600                | 40,833 seedlings @<br>3,87,600                | 40,833 seedlings @<br>3,87,600                | 11,62,800 | Permissible and agreed as per FSR of A.P. Forest Department up to Rs. 11.62 Lakhs.<br>The FSR rates are maximum permissible rates and efforts should be made to minimize the expenditure as per rules. |
| 8  | Raising of Nursery in 6x12/400 Guage Bag for 1000 Nos @ 12000 Raising 30% of total in 3 years | 17,500 seedlings @<br>2,10,000                | 17,500 seedlings @<br>2,10,000                | 17,500 seedlings @<br>2,10,000                | 6,30,000  | Permissible and agreed as per FSR of A.P. Forest Department up to Rs. 6.30 Lakhs.<br>The FSR rates are maximum permissible rates and efforts should be made to minimize the expenditure as per rules.  |
| 9  | Ex situ Conservation Activities   | 1 Hectare @ 99644.42<br>5 Hectare<br>4,98,222 | 1 Hectare @ 99644.42<br>5 Hectare<br>4,98,222 | 1 Hectare @ 99644.42<br>5 Hectare<br>4,98,222 | 14,94,666 | Permissible and agreed as per FSR of A.P. Forest Department up to Rs. 14.94 Lakhs.<br>The FSR rates are maximum permissible rates and efforts should be made to minimize the expenditure as per rules. |
| 10 | Seed Collections  | NA  | NA  | NA  | NA        | Not required as FSR rate for Nursery raising includes seed collection cost also.   |
| 11 | Awareness Programs  | 1,00,000                                      | 1,00,000                                      | 1,00,000                                      | 3,00,000  | Permissible and agreed and it is increased to one lakh per annum to cover 20 GPs minimum.  |
| 12 | Red sanders resource materials  | 30,000  | 40,000  | 30,000  | 1,00,000  | Permissible and agreed.  |

|    |                           |                  |                  |                  |                  |   |
|----|---------------------------|------------------|------------------|------------------|------------------|---|
| 13 | Garden equipments         | 50,000           | -                | -                | 50,000           | The university has a well developed establishment that is the reason for sanction of the project. Hence a one time grant of up to Rs.50000/- is allowed.  |
| 14 | Vehicle and labors hiring | 50,000           | 50,000           | 50,000           | 1,50,000         | The project of this nature does not require a vehicle on a permanent basis for three years. However Vehicle hiring or Diesel charges for Government vehicles used for the project purpose as provided up to Rs. 50,000 per annum. |
| 15 | Contingency               | 25,000           | 25,000           | 25,000           | 75,000           | Up to Rs 25,000- Per annum is allowed to meet unforeseen / miscellaneous expenditure  |
|    | <b>Total</b>              | <b>19,29,428</b> | <b>22,67,428</b> | <b>18,79,428</b> | <b>60,76,284</b> | <b>Rs. 60.76 Lakhs sanctioned for three years.</b>  |

*D. Nalini Mohan*  
12/06/2021

**D. Nalini Mohan, IFS**  
PCCF & Member Secretary  
A.P. State Biodiversity Board



16

# **MEMORANDUM OF UNDERSTANDING**

**Between**

**Yogi Vemana University  
Kadapa**

**and**



**Nano Research for Advanced Materials & Technologies  
Bangalore**

## MEMORANDUM OF UNDERSTANDING

(Hereinafter called 'MOU')

### On Academic Cooperation

Between

Yogi Vemana University (YVU), having its principal office at Yogi Vemana University Campus, Vemana puram, Kadapa, Andhra Pradesh State, India (hereafter called: YVU)

and

Nano Research for Advanced Materials & Technologies, #70, 2<sup>nd</sup> Main, 3<sup>rd</sup> Stage, Vinayaka layout, Vijayanagar, Bangalore-40, Karnataka State, India (hereafter called: NRT)

YVU and NRT are also referred to separately as 'Party' or collectively referred to as 'Parties'.

#### WHEREAS:

- the "YVU", established vide F.No: 145 dated: 18<sup>th</sup> March 2006 by Govt. of Andhra Pradesh vide Act No.: 4 of 1991 and recognized by University Grants Commission and its Department of Materials Science and Nanotechnology, is involved in advanced nanomaterials for various applications such as photocatalytic hydrogen production, dye degradation, supercapacitors, battery electrodes, drug delivery, waste water treatment etc.
- NRT has vision to serve humanity through Nanotechnology and mission for sustainable technologies using advanced nanomaterials. At NRT, we build nano blocks of chemistry with enhanced properties for a sustainable future. Our primary focus is on environmental protection using eco-friendly processes and social concern using advanced nanomaterials. Through nanoscience and nanotechnology innovation, we empower our customers in nearly every sector of industry that includes: Pharmaceutical, Biotechnology, Biomedical, Dental, Chemical, Electronics, Telecommunications, Optics, Solar, Aviation, Aeronautics, Building and Construction and Automotive to meet the current and future needs of society. Our strategy is to give importance to Research and Innovation. Our research mainly consists of innovations and improving the quality of our products, economically feasible processes and services to customers with a spirit of openness and attentiveness. NRT mainly consists of two domains: Pharmaceutical Technology and Engineering Nanotechnology. Under Pharmaceutical Technology we have four departments namely: Ophthalmic, Transdermal, New Drug Delivery Systems and Oral Thin films. Under Engineering Nanotechnology we have five departments namely: Chemical nanomaterials, Polymers, Electronics, Coatings and Bio-medical / dental materials.

NRT and YVU, arrived at an agreement for cooperation and joint research in the areas of engineering materials and development. This agreement is an understanding between the parties to collaborate and conduct research on areas of mutual interest as may be agreed upon in separate agreements which will increase efficiency and avoid duplication of effort.

#### FACULTY EXCHANGE PROGRAMS

The collaboration will also afford the opportunity for faculty exchange programs between NRT and YVU scientists for closer interactions.

#### Ph.D. PROGRAMS

NRT may sponsor fellowship / assist in giving research topic for M.Sc / M.Tech / Ph. D. on specific areas of nanomaterials for either engineering sector / basic sciences to suitable candidates involved in the specific area of work.

There shall also be periodical meetings of students and supervisors subject to mutual consultation of both parties.

Nanotech basic / Master / Advanced: The designed course for all discipline of engineering / basic sciences will be taken care by NRT to educate in nanotechnology area along with personality development courses on monthly basis. 1<sup>st</sup> year to final year their career development will be taken care by NRT. Interested candidates will be given entrepreneurship information and seed money to start the start-up also will be taken by NRT.

#### Joint participation in national / International funding projects:

It is a great opportunity to participate in various Indian government projects through YVU and NRT as a potential SME partner as well as commercial developer of the developed material.

The funding agencies include:

- Department of Science and Technology (DST)
- Department of Biotechnology (DBT)
- Indian Council of Medical Research (ICMR)
- All India Technical Education (AICTE) UGC
- NRE / DRDO
- MHRD,
- TIFAC etc.,

It is a great opportunity to participate in various International funded projects through YVU as academic institution partner and NRT as a potential SME partner as well as commercial developer of the developed material)

The funding agencies include:

- National Science Foundation (NSF, USA)
- European Union FP7 program (EU)
- Alberta Research Foundation (ARF, Canada)
- Singapore Research Foundation (SRF)
- UNESCO
- WHO

#### Establishment of Incubation Center:

Establishment of incubation centers for the trained and interested entrepreneur's inside YVU campus would benefit them in terms of capital expenses and operational expenses. The working capital can be raised either by NRT / YVU jointly to support the. New and innovative coating development process will be undertaken to offer to the industry. There is a huge demand for the Research Technology Development (RTD) in particular in the emerging area of nanotechnology. This can be offered by contacting various international companies in India, USA, Europe and east Asia.

In the following areas:

- Life Sciences
- Biotechnology
- Chemical
- Energy

- Transport
- Space

## CONSIDERATION

The detailed modalities of the working of individual projects shall be arrived at after mutual discussion and documented separately before taking up the project and it shall form a part of this Agreement.

### 3. OBLIGATIONS OF THE PARTIES:

3.1 The results of this agreement and research data which are collected, compiled and evaluated under this Agreement shall be shared and mutually exchanged by NRT and YVU. Research findings as a result of this agreement will be published in the public interest.

3.2 Results of collaborative research may be tried on experimental and demonstrations with active participation of YVU, and NRT.

3.3 Frequent and effective communication is essential to the successful accomplishment of the objectives of this agreement. To this end, the scientific representatives of NRT and YVU, shall conduct periodical meetings at the premises of NRT and YVU, by mutual consultation of both parties.

3.4 This agreement may be supplemented by work plans to be developed jointly, which describe more specifically the activities to be carried out under this cooperative programme and which sets forth the envisaged contribution of each part.

3.5 Any such plan or recommendation that is outside the scope of agreement shall be reduced to writing and referred to the management of each party for appropriate action.

3.6 Any such plan or recommendation so referred shall not be binding on either party unless incorporated into this agreement by amendment.

3.7 NRT and YVU, may nominate members of their respective staff to work out the practical details of cooperation between the two organisations and in general, to ensure proper and effective implementation of this agreement. Such details, as agreed upon, will be confirmed by exchange of letters between the parties and such letters should be signed and acknowledged by both the parties and shall form part of this agreement.

### 4. TERM

4.1 This agreement will be in effect initially for a period of 3 (three) years from the date of signing of this agreement by both the parties and may be renewed further if mutually agreed. Either party may terminate the agreement by written notification signed by the appropriate official of the institution initiating the notice. Such notice must be received by the other party 3 (three) months prior to the effective termination date.

4.2 Termination of this agreement shall not affect the obligation as stated under Clause-5 and Clause-7 of this agreement and the same shall be binding on the parties in perpetuity.

### 5. CONFIDENTIALITY

The parties recognize that, by virtue of this agreement, they may be given and have access to Confidential information, and other proprietary information. They undertake not to divulge or communicate to any person (unless required by law or by any regulation or by any governmental authorities or with proper authority or for the purpose of executing this Agreement) or use or exploit for any purpose whatsoever, any of the Confidential information they may receive or obtain as a result of entering into this Agreement, and shall use reasonable endeavours to prevent its officers, employees or

agents if any from doing so. This obligation and restriction shall continue to apply without limit in point of time but shall cease to apply to information or knowledge, which may properly come into the public domain through no fault of the parties, or was already known.

## 6. INTELLECTUAL PROPERTY

6.1 "Invention" shall mean any discovery, concept, or idea, whether or not patentable, made during the conduct of the study/research, and arising directly from the performance of the study/research, including but not limited to processes, methods, software, tangible research products, formulas and techniques, improvements thereto, and know-how related thereto.

6.2 Information and disclosures made hereunder are confidential information and the parties shall protect the information accordingly.

6.3 It is recognized and understood that the existing inventions and technologies of NRT and YVU are their separate property, respectively and are not affected by this agreement and neither party shall have any claims to or rights in such existing inventions and technologies of the other party. The parties agree that all Intellectual Property Rights arising out of the said research collaboration initiated by NRT and sponsored/funded by NRT to YVU, the Intellectual Property of those collaboration research projects belongs to both YVU and NRT. However, the Intellectual Property of YVU and NRT from their own research projects and works simultaneously developed belongs to respective organizations property.

- o The First / Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work.
- o The extent of ownership shall be decided mutually depending upon the relative level of intellectual inputs made by the parties.
- o Both the parties agree to respect each other's rights to Intellectual property. Further the intellectual property rights that arise as a result of collaborative research or activity under this MOU will be worked on the case-to-case basis by the competent authorities of the parties and will be consistent with officially laid down IPR policies of the parties.

## 7. RELATIONSHIP OF PARTIES

NRT and YVU, shall act in their independent capacities in the performance of their respective functions under this Agreement and no party is to be considered the officer, agent, or employee of another party.

## 8. GOVERNING LAW

This agreement shall be governed and construed in accordance with the laws of India and jurisdiction limited to courts at Bangalore, India.

**This MOU being a cooperative and collaborative understanding an academic excellence and enhancement of quality of research activities, shall not create any legal and/or financial commitment whatsoever on either of the parties hereto, except as may be provided in activity specific agreements that may be entered into subsequently.**

## 9. PUBLICATIONS

9.1 The parties reserve the right to publish or otherwise make public the data resulting from the study. The party wishing to publish or make public shall submit any such manuscript or release to the other party for comment prior to publication or release.

9.2 Neither YVU, nor NRT shall use the name of the other party or any of its employees in connection with any press release, advertising, promotional literature, or any other publicity matters without the express prior written consent of the other.

9.3 Except as otherwise required by law or regulation, neither party shall release or distribute any materials or information containing the name of the other party or any of its employees without prior written approval by an authorized representative of the non-releasing party, but such approval shall not be unreasonably withheld.

#### 10. NOTICES

All notices required to be given under this agreement and all correspondence with regard to any such notice hereunder shall be in writing and delivered in person, sent by certified mail or telefax transmission to the individuals named.

#### 11. AMENDMENT

This agreement may be amended and renewed by the mutual written consent of the parties hereto.

#### 12. SEVERABILITY

The invalidity or unenforceability of any term or provision of this agreement shall not affect the validity or enforceability of any other term or provision hereof.

#### 13. ASSIGNMENT

Neither this agreement nor the rights or obligations hereunder shall be assignable or otherwise transferred or subcontracted by YVU, or NRT without the other's prior written consent. Any attempted assignment will be void.

14. COUNTERPARTS

This agreement may be executed in counterparts and those counterparts taken together constitute one and the same instrument.

In witness whereof, the parties hereto caused this instrument to be executed on this the \_\_\_\_ day of \_\_\_\_ 2022.

Signed for and on behalf of  
Yogi Vemana University, Kadappa



Name: Prof. D. Vijaya Raghava Prasad

Designation: Registrar

Date: 17<sup>th</sup> Jan 2022

Signed for and on behalf of  
Nano RAM Technologies, Bengaluru  
(www.nanoramtechnologies.com)




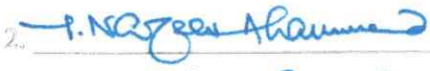
Name: Dr. A. Phani Ratna

Designation: Managing Director

Date: 17<sup>th</sup> Jan 2022

Witness Witness

1.   
B. VIJAYA KUMAR NAIDU  
Materials Sci & Nanotech

2.   
PROF. Y. NAZEER AHAMED  
Dept. of Physics

## Annexure-1:

### Thrust areas to work together:

1. Engineering Area
  - a. Nanomaterials for construction
  - b. Nanomaterials for mechanical engineering
  - c. Nanomaterials for sensors
  - d. Nanomaterials for chemical / pharma industries
  - e. Nanomaterials for corrosion resistance
  - f. Nanomaterials for energy sector (wind, solar, etc.,)
  - g. Anticorrosion coatings
  - h. Barrier coatings
  - i. Battery nanomaterials
  - j. Biodiesel materials
  - k. Nanocatalytic materials (for petrochemical industries)
  - l. Ceramic coatings
  - m. Nanostructured Conducting polymer coatings
  - n. Gas sensors
  - o. Fuel cell materials
  - p. Low friction coatings
  - q. H<sub>2</sub> storage materials
  - r. H<sub>2</sub> generation materials
  - s. Hydrophobic coatings
  - t. Hydrophilic coatings
  - u. Membrane materials / Nanofibers
  - v. Photocatalytic materials (UV and visible)
  - w. Thermal barrier coatings
  - x. Transparent conducting coatings
  - y. Solar cell materials (Dye sensitized based)
  - z. Scratch / abrasion resistance coatings
  
2. Science Area
  - a. Water purification nanomaterials
  - b. Nanomaterials for agriculture applications
  - c. Nanomaterials for food industry
  - d. Nanomaterials for life sciences
  - e. Nanomaterials for Biotechnology / Biochemistry
  - f. Anti reflection coatings
  - g. Anti fog coatings
  - h. Anti static coatings
  - i. Electrochromic coatings
  - j. Dielectric coatings
  - k. Electronic thin films
    - l. - Ce doped ITO for flat panel display
    - m. - Hybrid sol-gel films for switchable devices
    - n. - Fe doped MgO for plasma display panel
    - o. - SiO<sub>2</sub>-HfO<sub>2</sub>- films for dichroic solid lasers
    - p. - TiO<sub>2</sub>-SiO<sub>2</sub> gate stacks in microelectronics
    - q. - SnO<sub>2</sub> wires for UV detectors
    - r. - SiO<sub>2</sub> for UV LED
    - s. - InGa doped ZnO for TFT



- t. Ferroelectric materials / thin films
- u. PZT materials / thin films
- v. Optical coatings (Hard / Transparent)
- w. Switchable adhesives
- x. Magnetic materials / NFs, NPs

### 3. Pharmaceutical / Medical Area

- a. Antibacterial coatings
- b. Antifungal coatings
- c. Anti fouling coatings
- d. Biofouling coatings
- e. Biosensors
- f. Drug delivery systems
- g. Hydrogel materials for drug delivery etc.,
- h. Toxicity investigation of NPs, NFs etc.,
- i. New Drug Dissolution – with NFs
- j. Water purification using NPs, NFs
- k. Alzheimer's disease control using NPs
- l. Parkinson's disease control using NPs
- m. Bioprocess development (prototype)
- n. Biodiesel production (lab scale set up)
- o. Bio nanoproducts from Agri waste
- p. Nanodental materials
- q. Nanofibers for Tissue Engineering

2016

# Memorandum of Understanding (MOU)

(3)

*Between*



**Yogi Vemana University**  
**Kadapa 516 003, Andhra Pradesh, India**

*and*



**Space Physics Laboratory**  
**Vikram Sarabhai Space Centre**  
**Department of Space, Government of India**  
**Thiruvananthapuram-695022**

**July 2016**

MEMORANDUM OF UNDERSTANDING BETWEEN  
YOGI VEMANA UNIVERSITY, KADAPA

AND

SPACE PHYSICS LABORATORY, VIKRAM SARABHAI SPACE CENTRE  
THIRUVANANTHAPURAM

Yogi Vemana University, Kadapa , is a University with 10 years of standing recently accredited with B grade of NACC with CGPA of 2.54 specializing in several areas of science and technology, with expertise in atmospheric science is located in the semi arid region of the country, representing unique weather and climatic conditions, land suitable for experimental infrastructure including basic facilities.

and

Space Physics Laboratory (SPL), a premier science laboratory under Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram, carrying out basic and applied research on the lower and upper atmospheres, ionospheres, and magnetospheres of the Earth and other solar system bodies (planets, planetary satellites, and comets), using a suite of state-of-art experiments, ground based, abroad ships and aircrafts, balloon and rocket-borne, and satellite based payloads.

Are mutually interested to pursue quality research in the area of space science with a view to deliver products and service of societal relevance

MEMORANDUM of UNDERSTANDING (hereinafter called "MoU") on Research/ Academic Exchange between Yogi Vemana University (hereinafter referred to as "University") and Space Physics Laboratory (hereinafter referred to as "SPL"), collectively referred to hereinafter as the academic/research "Parties".

MOU shall foster frontline research activities in the following areas:

1. Space weather observations in the near equatorial ionospheric region through establishment of appropriate facilities through a science project "Indian Network for Space Weather Impact Monitoring (InSWIM)",
2. To understand the temporal and spatial evolution of equatorial and low-latitude ionospheric phenomena like Equatorial Ionization Anomaly (EIA) and Equatorial Spread-F (ESF), and their interrelationships by using tomographic methods.
3. To generate estimates precipitable water vapor (PWV) for different seasons using ground-based GPS receiver systems, and upper air, rocket and satellite data representative of arid region,

4. Develop mutually a Centre of Excellence for imparting training, education and research in atmospheric/ Space science.

Have agreed that :

SPL shall provide support for establishing an Upper atmospheric science laboratory consisting of advanced Space observational systems

and

University shall provide necessary land and basic amenities for installation of the systems and

University shall provide necessary faculty and expertise for operating and collecting observations including special observations during experimental campaigns and maintain the systems and

University shall conduct regular Courses (both short and long term) in atmospheric science and allied fields by drawing expertise from ISRO and national agencies for benefit of academic and research community and

Both Yogi Vemana University and Space Physics Laboratory hereby express mutual interest to collaborate with special emphasis to understand the space weather phenomena.

Schedule of activities will be:

- The Dual frequency GPS Receiver for PWV, TEC and L-band scintillation study will be installed and administered by SPL, the nodal Agency.
- SPL undertakes the responsibility of supply and installation of GPS Receiver with antenna and operating software, manual etc. The system will be the property of SPL and given on long-term loan to the University. SPL would also provide the necessary training to the researchers at University on the system for acquiring the data and transferring the data acquired, to the data center located at SPL, within mutually agreed reasonable time frame, and regular day-to-day operation and maintenance of the system, data recording etc.
- The University agrees to provide security and necessary infrastructure such as space for antenna, climate controlled room for the GPS system, electric power, Internet connections and other logistics for operating and maintaining the GPS receiver.

- The University identifies, Semi-arid-zonal Atmospheric Research Centre (SARC), Dept. of Physics, Y.V.University, as a focal point and Prof.K.Krishna Reddy, Coordinator as a focal person overseeing installation, maintenance and data collection of the GPS Receiver System.
- The University agrees to send the data through Internet/or by other means to the data center on a regular basis. The collaborator can use the GPS data for independent scientific research or joint studies with SPL. However, the dissemination of GPS data to any other agency on request would be done only by SPL or only with the permission of SPL.
- It is mandatory for both sides to give credits to the participating scientists from SPL and SARC in scientific research publications involving the GPS Receiver system at YVU, Kadapah.
- SPL has the right to relocate the GPS Receiver with antenna as per the scientific needs of the project, with an advance information to the collaborator. Similarly the collaborator would provide advance notice to SPL of any intent to discontinue the collaboration.

The forms of Cooperation shall include:

1. Participating in conferences, seminars, workshops, and symposia organized by either of the Parties, and exchanging students, faculty and researchers and faculty members, and
2. Exchanging academic and scientific information in fields of mutual interest;
3. Implementing cooperative academic and research programs;
4. Arranging opportunities to make facilities and equipment of one party available to researchers from the other party;
5. Meetings between representatives of the Parties as required to review the progress of research cooperation every year and to discuss future cooperation plans.

#### OFFICAL LANGUAGE

All letters, drawings, reports and other documents executed for the implementation of the MOU and all bilateral discussions conducted between the Parties shall be in English.

#### INTELLECTUAL PROPERTY (IP) RIGHTS, RESULTS AND PUBLICATIONS

1. Each of University and SPL hereby licenses the other to use its background Intellectual Property (Background IP) for the purposes of activities contemplated by the MOU. Any Intellectual Property developed as a result contemplated by the MOU (Developed IP) shall be jointly owned as tenants in common equal shares;

2. Each of University and SPL shall have the right to freely use developed IP and background IP, pertaining to activities contemplated in MoU, of the other party for their own non-commercial, educational, scholastic and research endeavors including rights of publication. As a matter of courtesy, each of parties will forward English language copies of relevant articles or conference papers, written or delivered, which contain background IP or developed IP;
3. Neither party shall commercialize nor attempt to commercialize any Developed IP resulted from the cooperation activities under this MOU without the consent of the other party. Any commercialization shall not affect the license rights in 1 and 2 above;
4. If either party wishes to disclose confidential data and/or information resulted from the cooperation activities under this MOU to any third party, the disclosing party must obtain prior consent from the other party before any disclosure can be made. Consent is not to be unreasonably withheld;
5. Termination of this MOU shall not affect rights/obligations under this article during the first twenty (20) years after termination.

#### AMENDMENTS, EFFECTIVE DATE, DURATION AND TERMINATION

1. This MOU can be amended by mutual consent of the two parties. Any amendments to this MOU can only be made in writing and after consultation and mutual consent of the parties. Such amendments, once approved by the Parties, will become part of this MOU;
2. The effective date this MOU shall be the latter date on which the Parties sign this MOU;
3. This MOU shall remain in force for a period of ten (10) years from the date of the last signature. The MOU may be extended by mutual consent of the two parties
4. The MOU may be terminated by either party by giving written notice at least six months in advance to the other Party. The event of termination will not affect participants from completing their activities at the host institutions.
5. In case the MOU ceases to be effective on account of termination or expiry, the provisions of all valid Plan of Operation documents shall continue to apply to the extent necessary to secure the implementation of existing activities as agreed upon in the Plan of Operation documents.
6. Any other points not covered under this MoU will be decided by the nodal agency (namely, SPL) though mutual discussion with the participating group and decision will be implemented with the concurrence of the Director, SPL and the same will be final.

#### COMMUNICATION

1. Any notice or request given or made by one party to the other under this MoU shall be in writing in the language of English and shall be addressed by all means to the party's principal office as is designated in writing hereinafter:

The Registrar  
Yogi Vemana University  
Address: Vemanapuram, Kadapa 516 003  
Andhra Pradesh  
Tel : +91-8562 225411 or 413 & 423 and Fax: +91-8562-225419  
E-Mail : [registraryvu@gmail.com](mailto:registraryvu@gmail.com)

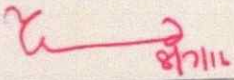
The Director  
Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram -695022  
Tel/Fax: +91-471-2563663  
E-Mail : [anil\\_bhardwaj@vssc.gov.in](mailto:anil_bhardwaj@vssc.gov.in); [bhardwaj\\_SPL@yahoo.com](mailto:bhardwaj_SPL@yahoo.com)

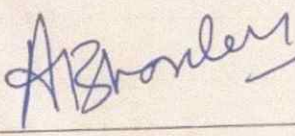
2. Authorized representatives of Yogi Vemana University and the Space Physics Laboratory shall sign two original Memorandum of Understanding documents. Each party shall hold one original signed MOU, with both documents being equally authentic.

IN WITNESS WHEREOF, the parties hereto have caused this MOU to be executed by their duly authorized representatives.

For the Yogi Vemana University

For the Space Physics Laboratory,

  
Prof. Y. Nazeer Ahemmad  
Registrar, Yogi Vemana University  
Date: 8<sup>th</sup> July 2016

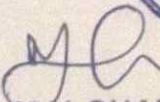
  
Dr. Anil Bhardwaj  
Director, Space Physics Laboratory  
Date: 8<sup>th</sup> July 2016

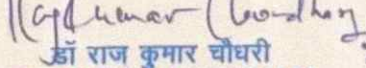
Place:


डा. अनिल भारद्वाज/Dr. Anil Bhardwaj  
निदेशक/Director  
Place: अन्तरिक्ष भौतिकी प्रयोगशाला/Space Physics Laboratory  
विक्रम साराभाई अंतरिक्ष केंद्र/Vikram Sarabhai Space Centre  
अंतरिक्ष विभाग/Dept. of Space, भारत सरकार/Govt. of India  
तिरुवनंतपुरम/Thiruvananthapuram - 695 022

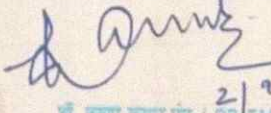
Witnesses:

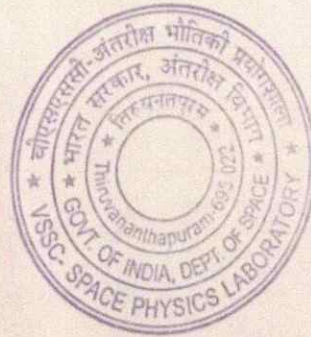
Witnesses:

1.   
Dr. M.V. SHANKAR, M.Sc., Ph D.,  
Professor  
Dept. of Material Science & Nano-technology  
YOGI VEMANA UNIVERSITY  
Kadapa-516 003, Andhra Pradesh, India

1.   
डा. राज कुमार चौधरी  
DR. RAJ KUMAR CHOUDHARY  
अनुभाग प्रमुख, आर एस आई एन, एसपीएल  
Section Head, RSIM, SPL  
29/8/2016

2.   
Dr. Loka Subramanyam Sarma  
Assistant Professor  
Department of Chemistry  
YOGI VEMANA UNIVERSITY  
KADAPA - 516 003

2.   
डा. तरुण कुमार पंत / DR. TARUN KUMAR PANT  
अध्यक्ष, अंतरिक्ष भौतिकी प्रयोगशाला, एसपीएल/ Dy. Head, ITMP, SPL  
21/9/2016



(10)

2016

(2)

Memorandum of Understanding (MoU)

between

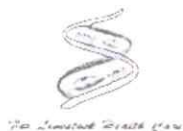
Yogi Vemana University  
Andhra Pradesh, India



and

Genomix CARL Pvt. Ltd., Pulivendla

Andhra Pradesh, India



GENOMIX CARL PVT. LTD

A Genomix Group Company





Memorandum of Understanding between Yogi Vemana University,  
Andhra Pradesh, India and  
Genomix CARL Pvt. Ltd., Pulivendla, Andhra Pradesh, India

This memorandum of understanding is between the Registrar of Yogi Vemana University, Kadapa, A.P., India and here after will be referred as Yogi Vemana University and representative of Genomix Biotech Inc., Atlanta, USA and its sister concerned companies including Genomix CARL Pvt. Ltd., Pulivendula, Genomix Molecular Diagnostics Pvt. Ltd., Hyderabad, India-represented by Dr. Rathagiri Polavarapu, President & CEO, here in after referred to as Genomix.

The MEMORANDUM OF UNDERSTANDING (MoU) outlines the general understanding between two parties towards working together in the areas of Human, Animal healthcare and biological sciences in general. The forms of cooperation shall include:

1. Yogi Vemana University and Genomix have decided to work together in sphere of human, animal healthcare and fundamental, applied and translational research.
2. Both parties will initiate collaborative grant proposals that are mutually interesting and submit to national, international, private and public institutions for funding.
3. Help each other in obtaining certifications, approvals from Government bodies for enhancement of each institution for betterment.
4. Both the organizations can share technical resources for mutual advances in research pursuits.
5. Both parties will exchange research students for collaborative projects.

6. The students of Yogi Vemana University can avail facilities at Genomix for short periods for the needs of the project works as well as for getting training in the areas of biomedical research.
7. Genomix will facilitate and give preference for Yogi Vemana University students eligible for research fellowships for Ph.D., programs, job opportunities
8. Yogi Vemana University and Genomix will participate in organizing the joint conferences, seminars, and workshops for the benefit of students.
9. Yogi Vemana University will facilitate extra mural Ph. D., registration for the students working in joint collaborative projects

SIGNED FOR AND ON BEHALF OF

SIGNED FOR AND ON BEHALF OF

Registrar  29/11/2016  
 Yogi Vemana University  
 REGISTRAR  
 YOGI VEMANA UNIVERSITY  
 KADAPA-516 003.



Dr. Rathnagiri Polavarapu  
 President & CEO  
 Genomix CARL Pvt. Ltd.

Dr. Rathnagiri Polavarapu  
 President & C.E.O  
 Genomix CARL Pvt. Ltd.,  
 PULIVENDULA-516 390  
 Kadapa Dist (A.P)



Library

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2021  
13

INFLIBNET Centre

Memorandum of Understanding (MoU) for Shodhganga/Shodhgangotri

(A Repository of Theses and Dissertations submitted to the Universities in India)

This Memorandum of Understanding (MoU) is made and entered into on 03 (Day) 05 (Month) 2021 Year) between the INFLIBNET Centre, an IUC of University Grants Commission located at Gandhinagar, hereinafter referred to as "INFLIBNET" and YOGI VEMANA UNIVERSITY, KADAPA University / Deemed University / Inter-University Centre), here in after referred to as the 'University'.

WHEREAS, INFLIBNET Centre, an Inter-university Centre of the University Grants Commission, as its mandate, promotes open access to scholarly content generated in universities. The Centre has computers, network, software infrastructure and technical know-how required for hosting electronic versions of theses and dissertations in open access with interface to search, retrieve and access these content.

WHEREAS YOGI VEMANA UNIVERSITY, KADAPA (University / Deemed University / Inter University Centre) has agreed to take part in the process of digitisation of old theses and dissertations (not available in computerized machine-readable format) and building-up of digital repository and to promote, share and host its ETD in 'Shodhganga: A reservoir of Indian theses submitted to the Universities in India' and other universities in open access. 'Shodhganga' is a name coined by INFLIBNET Centre for referring to the repository of Indian Electronic Theses and Dissertations. The word "Shodh" originates from Sanskrit and stands for research and discovery. The 'Ganga' is the holiest, longest and largest river in Indian subcontinent which has held heart of its people captive and drawn millions of people to its banks since the dawn of history. The Ganga is the symbol of India's age-long culture and civilization, ever changing, ever flowing, ever loved and revered by its people. "Shodhganga", a repository of theses and dissertations submitted to Indian universities, is expected to keep growing to a formidable size as more and more researchers from India submit their research works to this ever growing reservoir. Under the initiative called "ShodhGangotri", research scholars / research supervisors in universities are requested to deposit electronic version of approved synopsis submitted by research scholars to the universities for registering themselves for the Ph.D programme.

This Memorandum of Understanding (MoU) defines responsibilities, liabilities and commitments of the institutions involved to ensure proper system implementation, to meet the objectives pertaining to submission and access to Electronic Theses and Dissertations as envisaged by the UGC vide its Notification (Minimum Standards & Procedure for Award of M.Phil/Ph.D Degree), Regulation, 2009 dated 1st June, 2009 / amendment made on 5<sup>th</sup> May 2016.

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B. R. [Signature]  
14/6/21

NOW, THEREFORE, in consideration of the mutual agreements herein contained, INFLIBNET and the University agree to the following terms and conditions:

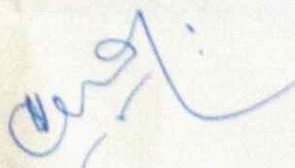
**I. INFLIBNET Centre**

1. Provide access to ETD hosting server(s) at the INFLIBNET Centre 'Shodhganga/Shodhgangotri' to the University with accompanied software interface enabling University / its student to create metadata and upload their theses and dissertations in ETD repositories designed for this purpose. The INFLIBNET will take the responsibility of keeping the data intact and usable, keep back-up of the data so as to avoid its loss. The INFLIBNET will deploy tools and techniques of digital preservation to ensure continuing access to scholarly content in digital formats and to protect them from media failure, physical loss and obsolescence.
2. Recommend to the UGC to extend financial assistance to the Universities under Sections 12(B) and 2(f) of UGC Act for digitization of theses and dissertations not available in computerized machine-readable format and / or for procurement and installation of a suitable computer system / infrastructure for creation of ETDs.
3. Provide configuration of system, specifications and technical guidance to the University for procurement of computer hardware and related systems for setting-up of ETDs.
4. Provide guidelines, technical standards and specifications for digitization of Ph.D. theses submitted to the university in past and for theses not available in computerized machine-readable format.
5. Impart training to at least one person from the university (from library field and / or from computer field) in creation, updation and computerized operation of digital repositories of ETDs especially on 'Shodhganga'.
6. Extend access to an anti-plagiarism software or provide services to evaluate theses for possible plagiarism and submit a report to the concerned university.
7. The INFLIBNET may refuse to host any material deemed by the INFLIBNET to be controversial in nature or is in violation of copyright act.
8. This right of refusal will not relieve the University / Ph.D. scholar of liability, both to INFLIBNET and to the public, for matter contained in the theses that may be libelous or actionable and to both INFLIBNET and copyright owners for copyright infringement by the Ph.D. Scholar.
9. The INFLIBNET Centre will not be responsible for i) errors, omissions, inaccuracies and quality of content or misinformation or for any damages caused to the user or any third party from the use of content provided in the theses, ii) safety and archiving of loaded content in cases of "force majeure" including natural calamities; and iii) printed version of theses.



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10. INFLIBNET Centre will recommend or provide access to plagiarism software which university may use to detect plagiarism before awarding the degree.
11. The INFLIBNET Centre replicates the content of theses and dissertations on different server and other auxiliary storage media. However, the INFLIBNET Centre does not take the responsibility for the archiving or backing-up of loaded content. The universities, therefore, should also keep a back-up of their theses and dissertations.
12. INFLIBNET Centre also maintains a repository called "Shodhgangotri" for hosting the approved synopses of research topic submitted to the universities by the students for registering themselves under the doctoral programme. Research students/their supervisors are encouraged to submit approved synopses/research proposals and register their priority on a research proposal through the repository.

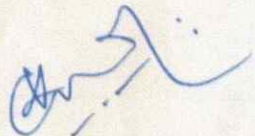
## II. The University

1. The University would grant non-exclusive worldwide license to the INFLIBNET Centre for hosting and distributing their theses in digital format in 'Shodhganga'/ 'Shodhgangotri' or any other server designated for this purpose.
2. The University / its researcher scholars agree to host / upload a computerized machine-readable file in mutually agreed format of all theses on to the 'Shodhganga'/ 'Shodhgangotri' server at the INFLIBNET.
3. The University will not hold INFLIBNET Centre responsible for any errors and omissions contained in the original theses.
4. The University commits to digitize theses and dissertations and their bibliographic records submitted to the university and provide necessary infrastructure including manpower support for operation of ETDs.
5. Commits to utilize the assistance provided by the UGC on recommendation of the INFLIBNET for implementation of ETDs including their digitization.
6. Deputes at least one person from the university (from library field or from computer field) for undergoing training on implementation of ETD organized by the INFLIBNET and ensure that the person trained by INFLIBNET on ETD is / are deployed for the same job.
7. Arranges to provide training to research scholars or users of its library and staff

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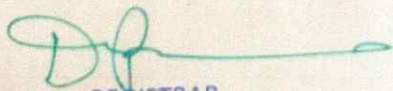
of colleges affiliated to University in creation of electronic version of theses and their deposition in the ETDs.


8. Ensures use of standard software and metadata schema suggested / provided by the INFLIBNET for setting-up / development / operation of its ETDs .
9. Creates bibliographic records of all theses and dissertations submitted to the university in standard bibliographic formats prescribed by the INFLIBNET Centre from time-to-time and contributes these records for inclusion in the INFLIBNET's Union Catalogue (IndCat).
10. Commits to sharing of library ETD resources / databases with the INFLIBNET Centre as well as with other universities.
11. The University would agree to host their ETDs in the digital repositories 'Shodhganga or other servers' set-up at the INFLIBNET Centre, and grant non-exclusive licence to the Centre to make electronic version of theses in full-text (theses that are born digital as well as those that are digitized using scanners / digital cameras) accessible through open access ETD.
12. The University shall not use electronic version of theses digitized using funds given by the UGC for any commercial purposes. The University shall not rent, sell or license the use of or deliver or release or otherwise part with the possession of the systems / software or the INFLIBNET ETDs databases, Shodhganga or any part thereof to any other party (individual, institution, organization, etc.)
13. The University will also commit their own funds or grants for fulfillment of the project, if the project on implementation of ETDs demands more resources and funds to complete it.
14. The University will use the plagiarism software recommended by the INFLIBNET and made accessible to test the thesis submitted by the student for plagiarism before awarding the Degree. If the university is not subscribing to such software, it will use the software from the nearest Regional Centre, if any.
15. University would encourage and ensure that Research Scholars/ Research Supervisors deposit host their approved Research Proposals/ approved synopses on the "Shodhgangotri" once Ph.D. is registered.

### III. Termination

Both, the Parties, will have rights to terminate the MoU at any time in case of breach of obligations and terms and conditions of the MoU. This MoU signed hereunder may be

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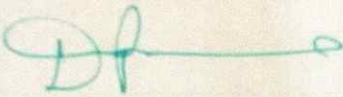
  
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terminated by either party at anytime upon ninety (90) days prior written notice. Upon termination of this Agreement, the INFLIBNET / University will stop hosting their theses immediately while keeping the theses already deposited by the University in its archives for its users. The University shall stop using the INFLIBNET's ETD facilities and databases and return any software / hardware or digitized content provided by or through the INFLIBNET, back to INFLIBNET within the 3 months notice period.

IN WITNESS WHEREOFF, the parties hereto executed this MoU on this date above mentioned.

UNIVERSITY:

INFLIBNET:



Vice-Chancellor / Registrar

Prof J P Singh Joorel

or designated authority



Director  
INFLIBNET Centre  
An IUC of University Grants Commission  
Infocity Gandhinagar - 382 007

(Name, Signature and Seal)  
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## इनफ्लिबनेट केंद्र

### शोधगंगा / शोधगंगोत्री हेतु सहमति ज्ञापन (एमओयू)

(भारत में स्थित विश्वविद्यालयों को प्रस्तुत किए जाने वाले शोध निबंध और प्रबंध का संग्रह)

यह सहमति ज्ञापन (एमओयू) इनफ्लिबनेट केंद्र (गाँधीनगर स्थित विश्वविद्यालय अनुदान आयोग का एक अंतर विश्वविद्यालय केंद्र) जिसे इसमें इसके बाद इनफ्लिबनेट और योगी वैमना विश्वविद्यालय, कडपा (विश्वविद्यालय/मानद विश्वविद्यालय / अंतर विश्वविद्यालय केंद्र) जिसे इसमें इसके बाद विश्वविद्यालयों के रूप में संदर्भित किया जाएगा, जिसके मध्य 03 (दिन) 05 महीना 2021 (वर्ष) को सहमति-निर्मित और निष्पादित किया गया।

जबकि, इनफ्लिबनेट केंद्र, विश्वविद्यालय अनुदान आयोग का एक अंतर विश्वविद्यालय केंद्र है, जैसा कि अधिदेशित है, यह विश्वविद्यालयों में सृजित विद्वत्तापूर्ण सामग्री की खुली पहुंच को बढ़ावा देता है। केंद्र के पास शोध निबंधों और शोध प्रबंधों की खोज, पुनर्प्राप्ति और उपयोग की अबाध पहुंच सुनिश्चित करने वाले अंतरापृष्ठ के साथ इन शोध निबंधों और शोध प्रबंधों के इलेक्ट्रॉनिक संस्करण को होस्ट करने के लिए आवश्यक कम्प्यूटर(संगणक), सॉफ्टवेयर संरचना और तकनीकी जानकारी है।

जहाँ कि योगी वैमना विश्वविद्यालय (विश्वविद्यालय / मानद विश्वविद्यालय/अंतर - विश्वविद्यालय केंद्र) ने पुराने शोध निबंधों और शोध प्रबंधों के डिजिटलीकरण (जो कम्प्यूटर मशीन के पठनीय प्रारूप में उपलब्ध नहीं है।) तथा डिजिटलसंग्रह (रेपोजिटरी) तैयार करने एवं शोधगंगा: जो कि भारत में स्थित विश्वविद्यालयों तथा अन्य विश्वविद्यालयों\* में प्रस्तुत भारतीय शोध प्रबंधों तक अबाध पहुंच प्रदान करने वाला संग्रह है, में अपने ई.टी.डी. को होस्ट करने, बढ़ावा देने तथा साँझा करने की प्रक्रिया में हिस्सा लेने के लिए सहमति व्यक्त की है। भारत के ऐसे शोध निबंध और शोध प्रबंध जो इलेक्ट्रॉनिक स्वरूप में हैं उनकी रिपोजिटरी को संदर्भित करने हेतु शोधगंगा का नामकरण, इनफ्लिबनेट केंद्र द्वारा किया गया है, शोध शब्द की व्युत्पत्ति शुद्ध धातु से बनी है एवं उत्पत्ति संस्कृत से हुई है, जिसका अर्थ अनुसंधान, खोज, गवेषणा, परिवेक्षण, डिस्कवरी, रिसर्च, अन्वेषण आदि अर्थ है। गंगा भारतीय उपमहाद्वीप का पवित्र एवं सबसे लंबी नदी है, जिसके प्रति लोगों की अटूट श्रद्धा है, गंगा नदी ने प्रारंभ से ही अपनी मनमोहक छवि से लाखों लोगों को अपनी तरफ लुभावित कर आकर्षित

  
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किया है, गंगा नदी भारत की अत्यंत प्राचीन संस्कृति और सभ्यता, परिवर्तनशीलता, अनवरत प्रवाह, सतत प्रेम और श्रद्धा का प्रतीक है। भारतीय विश्वविद्यालयों में प्रस्तुत शोधपत्रों के एक संग्रह के रूप में "शोधगंगा" का स्थान अत्यंत विस्तृत व महत्वपूर्ण है। भारत के अधिक से अधिक शोधकर्ता इस संग्रह में अपना महत्वपूर्ण शोध कार्य जमा करते हैं। विश्वविद्यालयों के अनुसंधानविद / अनुसंधान पर्यवेक्षकों से अनुसंधान है कि वे अनुसंधानकर्ताओं द्वारा प्रस्तुत अनुमोदित सिनोपसिस का इलेक्ट्रॉनिक संस्करण जो कि उन्होंने पीएचडी कार्यक्रम हेतु पंजीकृत किया है शोधगंगोत्री में जमा करें।


यह सहमति ज्ञापन, (एमओयू) विश्वविद्यालय अनुदान आयोग द्वारा जारी अधिसूचना (एमफिल/पीएचडी) डिग्री प्रदान करने हेतु न्यूनतम मानदंड और प्रक्रिया विनियम 2009 दिनांक 1 जून, 2009 / 5 मई, 2016 को किया गया संशोधन, में निहित शर्तों के अधीन, संस्थान के उत्तरदायित्वों, देयताओं तथा वचनबद्धताओं को परिभाषित करता है, जिसके अंतर्गत उचित व्यवस्था के कार्यान्वयन को सुनिश्चित करना, इसमें शामिल संस्थानों की प्रतिबद्धता तथा इलेक्ट्रॉनिक शोध एवं शोध प्रबंध को प्रस्तुत करने और उपयोग करने से संबंधित उद्देश्य को पूरा करना शामिल है।

इस परिप्रेक्ष्य में अब इनफिलबनेट और विश्वविद्यालय/ संस्थान निम्नलिखित शर्तों के अनुसार आपस में यह सहमती करते हैं।

### 1. इनफिलबनेट केंद्र

1. इनफिलबनेट केंद्र विश्वविद्यालय को सॉफ्टवेयर अंतरापृष्ठ सक्रिय करने तथा विद्यार्थियों द्वारा मेटाडेटा सृजित करने व शोध निबंध व शोध प्रबंध अपलोड करने के उद्देश्य को पूरा करने हेतु शोधगंगा / शोधगंगोत्री में ई.टी.डी. होस्टिंग सर्वर की सुगमता प्रदान करेगा। इनफिलबनेट डेटा को अक्षुण्ण और उपयोगी बनाए रखने की जिम्मेदारी लेगा तथा इसके नुकसान से बचने के लिए डेटा का बैकअप रखेगा। इनफिलबनेट डिजिटल संरक्षण संबंधी उपकरण व तकनीक का संस्थापन करेगा ताकि डिजिटल फॉर्मेट में विद्वत्तापूर्ण सामग्री की अनवरत सुगमता में सुनिश्चित हो सके तथा माध्यम की विफलता के साथ-साथ, भौतिक हानि व अप्रचलन से भी इनकी संरक्षा करेगा।
2. यूजीसी अधिनियम की धारा 12(B) और 2(f) के तहत विश्वविद्यालयों को वित्तीय सहायता का विस्तार करने के लिए यूजीसी को सिफारिश करेगा ताकि कम्प्यूटरीकृत मशीन पर पठनीय

  
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प्रारूप में अनुपलब्ध शोध प्रबंध और शोध निबंध का डिजिटलीकरण किया जा सके और / या ई.टी.डी. के निर्माण के लिए उपयुक्त कम्प्यूटर प्रणाली / आधारभूत संरचना की अधिप्राप्ति और संस्थापन किया जा सके।

3. ई.टी.डी. की स्थापना हेतु कम्प्यूटर हार्डवेयर और संबंधित प्रणालियों की खरीद के लिए सिस्टम विनिर्देशों और तकनीकी मार्गदर्शन प्रदान करेगा।
4. पूर्व में विश्वविद्यालय को प्रस्तुत पीएचडी शोध तथा साथ ही साथ कम्प्यूटरीकृत मशीन पठनीय फॉर्मेट में जो शोध उपलब्ध न हो उनके डिजिटलीकरण के लिए दिशा-निर्देश, तकनीकी मानदंड और विनिर्देश तय करना।
5. मुख्यतः शोधगंगा पर ई.टी.डी. के डिजिटल संग्रह के गुजन, अद्यतनत्र कम्प्यूटरीकृत प्रचालन के संबंध में विश्वविद्यालय (पुस्तकालय के क्षेत्र तथा / अथवा कम्प्यूटर के क्षेत्र) से संबंधित कम से कम एक व्यक्ति को प्रशिक्षण प्रदान करना।
6. संभवित साहित्यिक चोरी हेतु शोध का मूल्यांकन करने के लिए एक साहित्यिक चोरी विरोधी सॉफ्टवेयर की सेवाएं प्रदान करना।
7. विवादास्पद स्वरूप की किसी भी सामग्री को होस्ट करने अथवा प्रतिलिप्याधिकार के उल्लंघन से संबंधित किसी भी सामग्री को इनफ्लिबनेट होस्ट करने से इनकार कर सकता है।
8. इनफ्लिबनेट की अस्वीकृति के इस अधिकार के बावजूद विश्वविद्यालय / शोध अध्येता इनफ्लिबनेट और जनता दोनों के प्रति उनके शोध-प्रबंध की सामग्री के मानहानिकारक होने या बाद-योग्य होने या फिर शोध-अध्येता द्वारा इनफ्लिबनेट और प्रतिलिप्याधिकार स्वामी दोनों के प्रति प्रतिलिप्याधिकार अतिलंघन दायित्वों से मुक्त नहीं होते।
9. इनफ्लिबनेट केंद्र उत्तरदायी नहीं होगा। (i) त्रुटियों, चूक, गलतियाँ और सामग्री की गुणवत्ता या गलत जानकारी से उपयोगकर्ता या किसी तीसरे पक्ष को होनेवाले किसी भी नुकसान के लिए (ii) प्राकृतिक आपदाओं सहित किसी अप्रत्याशित घटना के संदर्भ में अपलोड की गई सामग्री की सुरक्षा और पुनःलेखन के लिए; और (iii) शोध प्रबंध के मुद्रित संस्करण के लिए।
10. विश्वविद्यालयों द्वारा डिग्री प्रदान करने से पूर्व साहित्यिक चोरी का पता लगाने लिए उपयोग करने हेतु इनफ्लिबनेट केंद्र साहित्यिक चोरी के सॉफ्टवेयर की मिफारिश करेगा या उपलब्ध कराएगा।
11. इनफ्लिबनेट केंद्र शोध निबंधों और शोध प्रबंधों की सामग्री की प्रतिकृति विभिन्न सर्वर और अन्य सहायक संग्रहण मीडिया पर रखता है। हालांकि, इनफ्लिबनेट केंद्र, लोडेड सामग्री के

  
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पुन-लेखन का पुनिकर व्यवस्था बनाने की जिम्मेदारी नहीं होता है। इसलिए, विश्वविद्यालयों को भी अपने शोध निबंधों व शोध प्रबंधों की पुनिकर व्यवस्था रखनी चाहिए।

12. डॉक्टोरल कार्यक्रम के अंतर्गत विद्यार्थियों के पंजीकरण हेतु उनके द्वारा विश्वविद्यालयों को प्रस्तुत शोध प्रमेय की अनुमोदित मार संक्षेप की होस्ट करने हेतु इनफ्लिबनेट केंद्र एक संघट्ट का भी अनुरोध करता है, जिसे 'शोधगंगोत्री' कहते हैं। शोध छात्रों / उनके पर्यवेक्षकों को अनुमोदित मार संक्षेप (मिनॉप्सिस) / शोध प्रस्ताव को प्रस्तुत करने तथा संघट्ट के माध्यम से उनके शोध प्रस्ताव की प्राथमिकता को दर्शाने के लिए प्रोत्साहित किया जाता है।

## II. विश्वविद्यालय

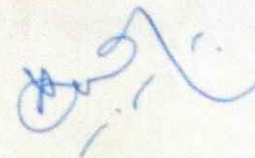
1. विश्वविद्यालय, इस कार्य हेतु शोधगंगा / शोधगंगोत्री अथवा किसी अन्य सर्वर में शोध को डिजिटल फॉर्मेट में होस्ट करने व वितरित करने हेतु इनफ्लिबनेट को विश्वव्यापी अनेककित अनुज्ञापित प्रदान करेगा।
2. विश्वविद्यालय, उनके शोधकर्ता विद्वान सभी शोध निबंधों को पारस्परिक सहमति आधारित मशीन-पठनीय फाइल में शोधगंगा / शोधगंगोत्री सर्वर पर अपलोड करने की सहमति देने।
3. विश्वविद्यालय, मूल शोध में निहित चूक व त्रुटि के लिए इनफ्लिबनेट केंद्र को जिम्मेदार नहीं ठहराएगा।
4. विश्वविद्यालय, प्रस्तुत शोध निबंधों व शोध प्रबंध तथा ग्रंथ सूची रिकार्ड को डिजिटलीकृत करने के लिए बचतबद्ध होगा तथा साथ ही यह ई.टी.डी. के संचालन के लिए जनशक्ति सहित बुनियादी ढांचा प्रदान करेगा।
5. विश्वविद्यालय, डिजिटलीकरण सहित ई.टी.डी. के कार्यान्वयन हेतु इनफ्लिबनेट की सिफारिश पर विश्वविद्यालय अनुदान आयोग द्वारा प्रदत्त सहायता का उपयोग करने के लिए प्रतिबद्ध है।
6. इनफ्लिबनेट द्वारा आयोजित ई.टी.डी. के कार्यान्वयन पर प्रशिक्षण लेने के लिए विश्वविद्यालय (पुस्तकालय क्षेत्र या कम्प्यूटर क्षेत्र से) के कम से कम एक व्यक्ति को प्रोत्तेजित करेगा और सुनिश्चित करेगा कि इनफ्लिबनेट द्वारा ई.टी.डी. हेतु प्रशिक्षित व्यक्ति उमी कार्य हेतु अभिनियोजित है।
7. यह शोध निबंधों के इलेक्ट्रॉनिक संस्करण के मूजन व ई.टी.डी. में उनके अभिसाक्ष के संबंध में विश्वविद्यालय से संबंध कॉलेजों के फर्मियों व अनुसंधानकर्ताओं अथवा पुस्तकालय के प्रयोक्ताओं को प्रशिक्षण प्रदान करने की व्यवस्था करेगा।

  
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8. अपने ई.टी.डी. में संस्थापन / विकास / प्रचालन हेतु इनफ्लिबनेट द्वारा सुझाए गए मानक सॉफ्टवेयर और मेटाडेटा स्कीमों का उपयोग सुनिश्चित करेगा।
9. विश्वविद्यालय समय-समय पर सभी शोध निबंधों और शोध प्रबंधों के ग्रंथ सूची संबंधी अभिलेख बनायेगा और इन अभिलेखों को इनफ्लिबनेट यूनियन कैटलॉग (Indcat) में शामिल करने के लिए योगदान देगा।
10. विश्वविद्यालय ई.टी.डी. संसाधन / डेटाबेस को इनफ्लिबनेट केंद्र व अन्य विश्वविद्यालयों के साथ सांझा करने के लिए वचनबद्ध होगा।
11. विश्वविद्यालय अपने ई.टी.डी. को इनफ्लिबनेट सेन्टर में स्थापित 'शोधगंगाया अन्य सर्वर' पर डिजिटल संग्रह में होस्ट करने के लिए समहृत होगा और केंद्र को संपूर्ण शोध निबंध का इलेक्ट्रॉनिक संस्करण बनाने (वे शोधपत्र जो डिजिटल हों और साथ ही वे जो स्कैनर्स या डिजिटल कैमरों का उपयोग करके डिजिटल किये हैं) के लिए अवाधित पहुँच ई.टी.डी. के माध्यम से अनेकांकित अनुज्ञापित प्रदान करेगा।
12. विश्वविद्यालय यूजीसी द्वारा दी गयी धनराशि के उपयोग से तैयार किए गए शोधप्रबंधों के डिजिटल संस्करण का प्रयोग से किमी भी वाणिज्यिक उद्देश्यों के लिए नहीं करेगा। विश्वविद्यालय किमी भी अन्य पक्ष (व्यक्ति, संस्था, संगठन आदि) को इनफ्लिबनेट के सिस्टम / सॉफ्टवेयर या ई.टी.डी. डेटाबेस, शोधगंगा या इसके किमी भी हिस्से को किराये पर, विक्रय या इसके प्रयोग हेतु अनुज्ञापित या वितरित या जारी या इसके किमी हिस्से पर किमी और के साथ अधिकार सांझा नहीं करेगा।
13. यदि ई.टी.डी. के कार्यान्वयन संबंधी परियोजना को पूरा करने के लिए और अधिक संसाधनों अथवा निधि की आवश्यकता होगी, तो इस स्थिति में विश्वविद्यालय इस परियोजना को पूरा करने के लिए अपनी स्वयं की निधि अथवा अनुदान का उपयोग करने हेतु वचनबद्ध होगा।
14. विश्वविद्यालय, इनफ्लिबनेट द्वारा अनुशासित साहित्यिक चोरी पता करने के सॉफ्टवेयर का उपयोग करेगा और शोध उपाधि प्रदान किए जाने से पूर्व साहित्यिक चोरी के लिए छात्र द्वारा प्रस्तुत किए गए शोध प्रबंध का परीक्षण करने के लिए इसे उपलब्ध करायेगा। अगर विश्वविद्यालय इस सॉफ्टवेयर की सदस्यता नहीं ले रहा है तो वह किसी भी अन्य तजदीकी क्षेत्रीय केंद्र पर उपलब्ध सॉफ्टवेयर का उपयोग करेगा।
15. विश्वविद्यालय शोध अध्येताओं / शोध पर्यवेक्षकों को एक बार पीएचडी पंजीकृत हो जाने के उपरांत शोधगंगोत्री पर अपने अनुमोदित अनुसंधान प्रस्तावों / अनुमोदित शोध मार संक्षेपों को होस्ट करने के लिए प्रोत्साहित करेगा।

  
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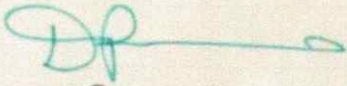
  
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## समापन

इस सहमति ज्ञापन के दायित्वों व शर्तों के उल्लंघन के मामले में किसी भी समय दोनों पक्षों द्वारा इस सहमति ज्ञापन को रद्द करने का अधिकार होगा एवं हस्ताक्षरित सहमति ज्ञापन को दोनों पक्षों द्वारा किसी भी समय 90 दिन की लिखित सूचना पर रद्द किया जा सकता है। इस सहमति की समाप्ति के उपरांत इनफ्लिबनेट / विश्वविद्यालय तत्काल प्रभाव से अपने शोध प्रबंधों को होस्ट करना रोक देंगे हालांकि पहले से ही जमा किए गए शोध-प्रबंधों को विश्वविद्यालय अपने अभिलेखागार में अपने उपयोगकर्ताओं के उपयोग के लिए सुरक्षित रखेगा। विश्वविद्यालय को इनफ्लिबनेट द्वारा प्रदान की जा रही ई.टी.डी. सुविधा और डेटाबेसों का उपयोग बंद करना होगा। नोटिस अवधि के तीन महीनों के अंदर इनफ्लिबनेट के किसी भी सॉफ्टवेयर / हार्डवेयर या उसके माध्यम से डिजिटलीकृत की गई सामग्री को इनफ्लिबनेट को पुनः वापस करना होगा।

जिसके साक्षी रूप में, पक्षों ने उल्लेखित दिनांक को इस सहमति ज्ञापन को निष्पादित किया।

विश्वविद्यालय



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या नामित प्राधिकारी

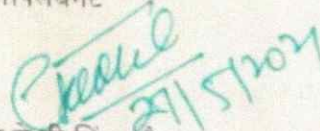
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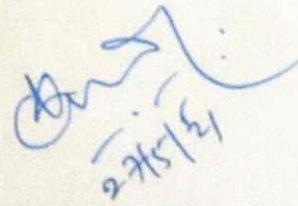
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05/08/21

ACADEMIC LINKAGE BETWEEN  
DEPARTMENT OF TELUGU  
SRI VENKATESWARA UNIVERSITY, TIRUPATI

AND

C.P.BROWN RESEARCH CENTRE FOR LANGUAGES,  
YOGI VEMANA UNIVERSITY, KADAPA

MEMORANDAM OF UNDERSTANDING

Department of Telugu, S.V. University, Tirupati and C.P.Brown Research Centre for Languages,  
Yogi Vemana University, Kadapa.

On this day enter into a memorandum of understanding as per the terms referred below.

1. Frequent visits of faculty members from the Department of Telugu, S.V. University, Tirupati to C.P.Brown Research centre for Languages, Yogi Vemana University, Kadapa.
2. Frequent visits of employees from the C.P.Brown Research centre for Languages, Yogi Vemana University, Kadapa to S.V. University, Tirupati.
3. The faculty members of the Department of Telugu, S.V. University, Tirupati will guide the readers and literary candidates in C.P.Brown Research centre for Languages by given Guest Lecturers.
4. Sharing of information related to the advances made in the fields of Telugu related information.
5. To exchange information over research, extending lectures, provide referene books and journals, extending cooperation to organize conferences, seminars and workshops to encourage the students, readers, literary candidates of both organizations.

This agreement shall become effective upon having been signed by both.

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20<sup>th</sup> MARCH 2020.

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

**ONCOSIMIS BIOTECH PVT LTD**, a company incorporated under the Companies Act, 2013 and having its corporate office at LIG BLOCK NO.38, FLAT NO.7, BAGHLINGHAM PALLI, HYDERABAD – 500044 (herein after referred to as **ONCOSIMIS BIOTECH** for the sake of brevity and convenience which expression shall where the context so admits include the successors and permitted assigns), of the **FIRST PART**, **ONCOSIMIS BIOTECH** represented by L Sudarshan Reddy, Founder & Managing Director.

AND

**YOGI VEMANA UNIVERSITY**, Kadapa, Andhra Pradesh represented its Registrar (hereinafter called "YVU" which expression shall, where the context so admits, include its successors and permitted assigns) of the **SECOND PART**. For the purpose of this MOU, ONCOSIMIS, and YVU shall be collectively referred to as "parties" and the term "party" refers to any of them as the context permits.

*Sudarshan*

*P. Srinivasulu*



# YOGI VEMANA UNIVERSITY

Vemanapuram, Kadapa - 516 005  
Phone: +91 (0)8562 225429  
Fax: +91 (0)8562 225419  
E-mail: [registrar@yvu@gmail.com](mailto:registrar@yvu@gmail.com)  
Date: 26.06.2019

Prof. G.Gulam Tariq  
REGISTRAR  
YOGI VEMANA UNIVERSITY  
VEMANAPURAM, KADAPA - 516 005

## PROCEEDINGS OF THE VICE-CHANCELLOR [Present: Prof. A. Ramachandra Reddy]

- Srl - 1. Yogi Vemana University, Kadapa - Dr. V. Ramakrishna, Department of Biotechnology & Bioinformatics - Permission to have a Memorandum of Understanding (MoU) between YVU and Onkosim's Biotech Pvt. Ltd. Hyderabad - 500083, India.
- Resp - 1. Email copy received on 18-06-2019  
2. Minutes of the Biotech & Bioinformatics Department - solution dated 27.06.2019  
3. Memo No. No. date 26.06.2019 of Dr. V. Ramakrishna, Department of Biotechnology & Bioinformatics.

...

### ORDER:

Having considered the request of the Dr. V. Ramakrishna, Assistant Professor, Department of Biotechnology & Bioinformatics, The Honorable Vice-Chancellor, YVU, has ordered that Dr. V. Ramakrishna, Department of Biotechnology & Bioinformatics be permitted to establish research collaboration (MoU) between Yogi Vemana University and Onkosim's Biotech Pvt. Ltd. Hyderabad for the benefit of the YVU students for placement in the jobs and the employees of Onkosim's Biotech Pvt. Ltd. Hyderabad. (He should provide Proforma in YVU)

**//BY ORDER//**

REGISTRAR  
YOGI VEMANA UNIVERSITY  
VEMANAPURAM, KADAPA

To

Dr. V. Ramakrishna, Assistant Professor  
Department of Biotechnology & Bioinformatics  
YVU, Kadapa

Copy to

- 1. The Registrar for information and necessary action
- 2. 26.06.2019





2020

14

**Memorandum of Understanding (MoU)**  
between  
**Yogi Vemana University, Kadapa**  
and  
**Siddaganga Institute of Technology, Tumkur**

1. This memorandum of understanding entered into on 13<sup>th</sup> November 2020 between Yogi Vemana University, Vemanapuram, Kadapa 516 005, Andhra Pradesh, a higher education institution, established under the Act 28 approved by the Andhra Pradesh State Legislative Assembly with effect from 9<sup>th</sup> March, 2006 (herein after referred to as YVU which expression shall where the context so admits include its successors and permitted assignees)

AND

2. Siddaganga Institute of Technology, Tumkur, Karnataka 572 103 higher education institution and an autonomous Institution affiliated to Visweswaraya Technological University, Belagavi, and approved by AICTE, New Delhi having its campus located at Dr. Sree sree Sivakumara Swamiji Road, Tumkur 572 103. (hereinafter referred to as "SIT" which expression shall where the context so admits include its successors and permitted assignees) on the other.
3. WHEREAS YVU, currently offering PG, integrated M.Sc., and doctoral programmes, is having facilities for conducting research and training in the above areas leading to UG/PG degrees and PhD in the faculties of Science, Arts, Humanities, Commerce & Management and Engineering. has expertise in conducting R&D studies in the following areas Materials Science & Nanotechnology, Physics, Chemistry, Geology, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Natural products, Medicinal plants, Microbiology, Synthetic organic chemistry, Genetics & Genomics, Botany,



Zoology etc. YVU has the experimental facilities and equipments along with the expertise for conducting R&D in the following areas:

- Nanomaterials for Energy, Environment and Health care applications
- Photocatalysis for hydrogen production, pollutants degradation and organic synthesis
- Advanced functional materials for Solar cells, photovoltaics, supercapacitors and fuel cell applications
- Carbon nanomaterials; Synthesis, Characterization and Applications
- Flexible/printable energy storage devices
- Organic synthesis including multi-component synthesis
- Genetics & genomics of plants and animals

4. WHEREAS SIT, currently offering UG, PG, MSc. Engineering by Research in Engineering, PG programme in management and doctoral programmes in the faculties of Science, Engineering and Management. It has expertise in conducting R&D studies in the following areas Materials Science & Nanotechnology, Physics, Chemistry, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Natural products, Microbiology, Synthetic organic chemistry, Genetics & Genomics, etc. SIT has the experimental facilities and equipments along with the expertise for conducting R&D in the following areas:

- Synthesis of metal oxide nanomaterials for lithium ion battery, photocatalyst for water splitting reaction to generate hydrogen and photocatalytic degradation of organic dyes
- Development of super capacitor, and cathode materials for rechargeable batteries.





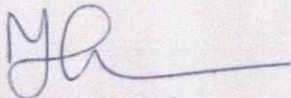
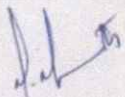
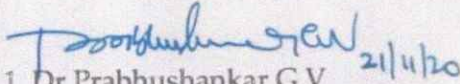
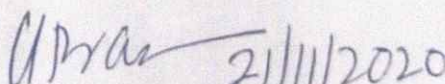
- Design and Development of peptides and peptidomimetics with potential biological applications, Fabrications of graphene based composite materials for sensing of metal ions.
- Advanced functional materials for Solar cells, photovoltaics, supercapacitors and fuel cell applications
- Carbon nanomaterials; Synthesis, Characterization and Applications
- Synthesis of alloys, shape memory alloys, composite materials and their characterization, Development and analysis of Biodiesel
- Fabrication of Micro and Nano composite
- Drug delivery formulations and Biosensors, Environmental Engineering: Modelling and Simulation
- Operation and supply chain management, materials, manufacturing, product design and management, Quality and safety engineering,
- Thin film coating and development of sensor, Bio-instrumentation and cognitive neuroscience
- Cryptography and network security, Mobile, adhoc, and wireless sensor networks, Storage area network, Applications of IoT, Data analysis, Artificial intelligence and machine.
- Developing algorithms to provide sec.
- Consultancy for antenna and microwave components design, Development of remote/virtual labs in the field of electronic and telecommunication
- Drug design and simulations, Bio-informatics, tools/software management, Virtual screening of lead compounds and in vivo studies, Genomics and proteomics data analysis

5. WHEREAS YVU and SIT have agreed to collaborate in the following areas:

- Teaching, research and training in selected and advanced thrust areas in science and technology





| Signed, sealed and delivered  | Signed, sealed and delivered   |
|---|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005  | For and on behalf of<br>SIT (Autonomous Institution affiliated to VTU, Belagavi)<br>Bangalore 560011   |
|    |    |
| Signature<br>Name: Prof. D. Vijaya Ragahava Prasad<br>Designation: Registrar  | Signature<br>Name: Dr. K.P. Shivananda<br>Designation: Principal   |
| REGISTRAR<br>YOGI VEMANA UNIVERSITY<br>KADAPA-516 005.  | PRINCIPAL<br>Siddaganga Institute of Technology<br>TUMKUR-572 103.   |
| Seal<br>Date: 13-11-2020  | Seal<br>Date:  |
| Witness (Name & address)<br><br>1. Dr. M. V. Shankar<br>Professor & Chairman BOS<br>Dept. Mater. Sci. & Nanotechnology<br>Yogi Vemana University, Kadapa<br><br>2. Dr. M. Mamatha Kumari<br>Asst. Prof (SG) & Coordinator<br>Dept. Mater. Sci. & Nanotechnology<br>Yogi Vemana University, Kadapa | Witness (Name & address)<br><br>1. Dr Prabhushankar G V 21/11/20<br>Professor<br>Industrial Engineering and Management<br>Siddaganga Institute of Technology<br>Tumkur<br><br>2. Dr. V Siddeswara Prasad 21/11/2020<br>Professor<br>Electronics and Instrumentation<br>Engineering<br>Siddaganga Institute of Technology<br>Tumkur |



## Memorandum of Understanding

The Dept. of Fine Arts  
Yogi Vemana University, Kadapa, A.P  
and  
The Cultural Centre of Vijayawada & Amaravati (CCVA)  
4<sup>th</sup> Floor, Madhu Malaxmi Chambers, Mogalrajapuram, Vijayawada

by signing this Memorandum of Understanding (MOU), agree to persevere towards the protection and preservation of arts and crafts in Kadapa District, Andhra Pradesh through responsible research, documentation and interpretation.

### A. Roles and Responsibilities:

Dept. of Fine Arts, Yogi Vemana University (DFAYVU) has over the years been undertaking rigorous academic research on Fine Arts and associated theories and practices, ethics and philosophies and history of Art through the Graduate programme. DFAYVU agrees to:

- Function as the knowledge resource and enable research by:
  - Establishing research clusters to specifically study the art, and patterns of the Art practices in the present day District of Kadapa Andhra Pradesh;
  - Conducting and coordinating short term research programs, Art camps, workshops in related areas of Fine Arts;
  - Providing academic guidance to the projects to be taken Jointly;
  - Grant access to library, research documents, and archival data in the custody of the DFAYVU and its studio.
  - To Provide necessary logistic and hospitality support to the representative of CCVA visiting DFAYVU and Temple Art/Rock Art/Art Heritage Sites in Kadapa District
- Prepare and submit proposals to Government of India and Government of Andhra Pradesh in collaboration with the CCVA for research in Arts & Crafts of Kadapa District, Andhra Pradesh and technology grants to undertake the activities covering under this MoU.

The Cultural Centre of Vijayawada & Amaravati (CCVA) has immense know-how and experience in conducting workshops and exhibitions and publications with the aim to promote and disseminate heritage, arts and crafts, performing arts, culture and traditions. CCVA also has expertise in the study of history of arts & crafts, observing trends in contemporary Art in South India. CCVA agrees to contribute in the following manner:

- Undertake academic modules of Department of Fine Art's (DFA) Pertaining to Art history of DFAYVU.
- Undertake historic research on and History of Fine Arts in the State and associated matters.
- Conduct workshops, seminars, symposiums and training programmes to promote understanding about the aforementioned amongst the students of DFAYVU and the communities in Andhra Pradesh.

*DF*  
19/02/2020

REGISTRAR  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005.

Page 1 of 2

*E. Siva Nagi Reddy*  
19.2.2020

Dr. E. Siva Nagi Reddy - Shepali  
Chief Executive Officer  
The Cultural Centre of Vijayawada & Amaravati  
Madhu Malaxmi Chambers, D.No. 32-9-17, 17A & 32-2-6  
A S Rama Rao Road, Madhu Gardens  
Mogalrajapuram, VIJAYAWADA-520 010  
Andhra Pradesh, India

4. Coordinate between the partner organization to ensure a smooth progress on the projects taken up.
5. Provide training to undertake documentation of Rock art and Art & Architecture of Andhra Pradesh to the students of DFAYVU.
6. Identify appropriate techniques and technology to interpret the Rock art and Temple art sites, and emerging trends in Contemporary Art.
7. Acts as an adjunct incubation and Research Centre for the Students and Faculty of DFAYVU in guiding Project works and Faculty Improvement Programs(FIP), providing studio facility etc. related to art.

**B. Duration**

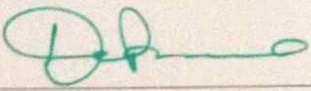
This MOU shall become effective upon signature by authorized officials belonging to each partner organization and will remain in effect for duration of 3 year's (from the date of signing). This MoU may be modified/ terminated anytime upon mutual consent of authorized Officials of the Organizations.

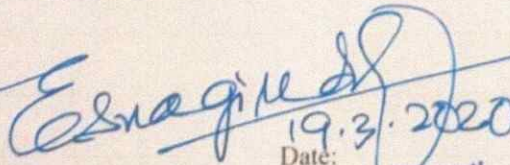
**Partner Organization:**

Dept. of Fine Arts, Yogi Vemana University, Kadapa, Andhra Pradesh  
Registrar / HOD Department of Fine Arts, Yogi Vemana University  
Vemana Puram, Pulivendula Road, Ganganapalle, Andhra Pradesh-516005

**Partner Organization:**

The Cultural Centre of Vijayawada & Amaravati  
Dr. E. Siva Nagireddy CEO, CCVA  
4th Floor, Madhu Malaxmi Chambers, Mogalrajapuram, Vijayawada – 520010, AP

  
Date: 19/3/2020  
(Signature) REGISTRAR  
Organization: YOGI VEMANA UNIVERSITY  
KADAPA-516 005.

  
Date: 19.3.2020  
(Signature) Dr. E. Siva Nagi Reddy Sthapati  
Organization: Chief Executive Officer  
The Cultural Centre of Vijayawada & Amaravati  
Madhu Malaxmi Chambers, D.No.32-9-17, 17A & 32-2-6  
A S Rama Rao Road, Madhu Gardens  
Mogalrajapuram, VIJAYAWADA-520 010  
Andhra Pradesh, India

యాగి వేమన విశ్వవిద్యాలయం  
YOGI VEMANA UNIVERSITY

Vemanapuram, Kadapa - 516005, Andhra Pradesh, INDIA.

(తన్నుతానెరిగిన తానెవో బ్రహ్మంబు :: If know thyself, Thou Art the Divinity)

2019

(8)

ఆచార్య జి. గులామ్ తారీఖ్, M.A., M.Ed., M.Phil., Ph.D.,  
కులసచివులు

Prof. G. Gulam Tariq, M.A., M.Ed., M.Phil., Ph.D.,  
REGISTRAR



☎ 08562 -225429

08562 -225419

98858 07919

98493 32193

✉ registraryvu@gmail.com  
drgulamtariq@yahoo.co.in

Date:14.08.2019

To

Dr Indla Ramasubba Reddy  
Director, Indias, VIMHANS HOSPITALS  
#29-7-32, V.V. Rao Street  
Suryaraopet  
VIJAYAWADA- 520 002.

Respected sir,


Sub:- MOU between Yogi Vemana University, Kadapa and Indias VIMHANS  
Hospitals, Vijayawada- Information -Reg.

\*\*\*

With reference to the subject cited, I am happy to inform you that Memorandum of Understanding (MOU) has been effected between Yogi Vemana University, Kadapa and Indias VIMHANS Hospitals, Vijayawada from this academic year 2019-20 onwards with regard to exchange of human service and expertise related to the Department of Psychology, YVU, Kadapa.

I am herewith enclosing original MOU copy for your information.

Thanking you sir,

  
REGISTRAR 14/8/19  
REGISTRAR  
YOGI VEMANA UNIVERSITY  
KADAPA-516 005.

Copt to:-1. Dr. K. Lalitha, Assistant Professor, Dept. of Psychology, Yogi Vemana University, Kadapa.

2. PA to Vice-chancellor, YVU, Kadapa.

3. Development Section YVU, Kadapa.





# INDLAS VIMHANS HOSPITALS

Vijayawada  
Date:

## MEMORANDUM OF UNDERSTANDING (MOU)

between



YOGI VEMANA UNIVERSITY,  
KADAPA - 516005, ANDHRA PRADESH, INDIA

AND



#29-7-32, V. V. Rao Street, Suryaraopeta,  
Vijayawada, Andhra Pradesh 520 002

for management and exchange of  
Human Resource Services

---

Address for correspondence : V.V.Rao Street Suryaraopet, VIJAYAWADA-520 002.  
Ph : 0866 - 2432040, 2442174,  
e-mail ; vishalindla@gmail.com  
website : www.vimhanshospital.org



Vijayawada  
Date:

**MEMORANDUM OF UNDERSTANDING BETWEEN YOGI VEMANA UNIVERSITY,  
KADAPA AND VIMHANS HOSPITAL, VIJAYAWADA.**

Memorandum of understanding (MOU) between Yogi Vemana University and VIMHANS entered on 22-07-2019 (22nd July, Two Thousand Nineteen).

Yogi Vemana University, a premier State University established by an Act of the Govt. of Andhra Pradesh in March, 2006, believes in "Creation and Dissemination of Knowledge, attainment of enlightened wisdom through advancement of learning and progress and prosperity of people and social enrichment". The Yogi Vemana University has an active seven Schools. The School of Life sciences with nine science departments. One of the active Departments is Psychology, which was established in the year 2009-10. The department of Psychology is offering M.Sc., Psychology and Ph.D programmes. The Department of Psychology wishes to enter into MOU with Indlas VIMHANS Hospital, Vijayawada to collaborate academically (Training & Research) and to extend service to the patients as part of its extension activities.

1. The MOU facilitates the University faculty will participate in research and extension activities of both organizations.
2. Indlas VIMHANS will extend its clinical expertise and provide necessary training to the students of Dept. of Psychology.
3. All issues concerning Human Resource Development, Psychological issues and Research in the clinical area would be mutually discussed before implementation. Appropriate committees would be identified both by the University and Indlas VIMHANS Hospital, Vijayawada to coordinate the Human Resource Development and extension activities proposed by the both organizations.
4. The Semester-IV students of M.Sc., course as part of their project work will undergo extensive training as Internship at Indlas VIMHANS Hospital, Vijayawada for a period of one month. The internship certificate will be provided to the student by the Indlas VIMHANS.

This type of collaboration will provide access to poor people from rural and urban areas to the mental health delivery system. The individual's mental health issues will be diagnosed, monitored and screened. It will also help the surrounding places of Kadapa region to resolve mental health issues with low cost, save time and less effort. It is very hard to move to Hyderabad, Chennai, Bangalore for assessment.

**Address for correspondence :** V.V.Rao Street Suryaraopet, VIJAYAWADA-520 002.  
**Ph :** 0866 - 2432040, 2442174,  
**e-mail ;** vishalindla@gmail.com  
**website :** www.vimhanshospital.org



# INDLAS VIMHANS HOSPITALS

Vijayawada  
Date:

Authorities representing Yogi Vemana University, Kadapa and the Indlas VIMHANS shall affix signatures on the two documents of memorandum of understating (original) and each party shall possess one original document of MOU of implementation with effect from the date of signing the document.

IN WITNESS WHEREOF, the parties here to have caused this MOU to be executed by their duly authorized representative.

For the Yogi Vemana University

**Prof. Attipalli Ramachandra Reddy**  
Hon. Vice-Chancellor, Yogi Vemana University  
Kadapa-05 **VICE CHANCELLOR**  
**YOGI VEMANA UNIVERSITY**  
**KADAPA.**

Date: Kadapa  
Place: 22/7/2019

For Indlas VIMHANS

**Dr. Indla Ramasubba Reddy**  
Director, Indlas VIMHANS  
Vijayawada

Witnesses:

1. **Prof. G. Gulam Tariq**  
Registrar

2. **Dr. K. Lalitha,**  
Assistant Profess & Coordinator

Witnesses:

1. **Dr. Vishal Indla**  
Head of Psychiatry Dept  
Indlas VIMHANS

2. **Dr. Sripathi Santhosh**  
Consultant Psychiatrist  
Indlas VIMHANS

**Address for correspondence :** V.V.Rao Street Suryaraopet, VIJAYAWADA-520 002.  
**Ph :** 0866 - 2432040, 2442174,  
**e-mail ;** vishalindla@gmail.com  
**website :** www.vimhanshospital.org

MEMORANDUM OF UNDERSTANDING (MOU)

between



A.P. State Remote Sensing Applications Centre  
(APSRAC) Hyderabad- 500 004, Andhra Pradesh  
India

and



Yogi Vemana University  
Kadapa 516 003, Andhra Pradesh, India

## MEMORANDUM OF UNDERSTANDING

BETWEEN

ANDHRA PRADESH STATE REMOTE SENSING APPLICATIONS CENTRE  
HYDERABAD

AND

YOGI VEMANA UNIVERSITY, KADAPA

Where as the Andhra Pradesh State Remote Sensing Applications Centre (APSRAC), a premier scientific organization under Planning Department, Govt. of A.P. is established as a nodal agency for all remote sensing activities using space technology in the State. APSRAC has state of the art facilities to carry out remote sensing and GIS based value added studies for natural resources inventory and disaster management. It has emerged as a lead agency for Geographical Information System (GIS) applications and is recognized by Govt. of India as a Research and Development Institution.

Yogi Vemana University (YVU), Kadapa, a dynamic University specialising in several areas of science and technology in particular with expertise in Atmospheric science is located in the semi arid region of the country, representing unique weather and climatic conditions, and having W-band Rain Radar, GPS scode, Parsival Diodrometer, Automatic Weather station, and High Performance Computational (HPC) Facility for mesoscale modelling.

Are mutually interested to promote and pursue high quality research in the areas of frontier sciences like atmospheric sciences, physical sciences, life sciences and social sciences with a view to deliver products and services of societal relevance.

Enter into the MEMORANDUM OF UNDERSTANDING (hereinafter called "MOU") on Research/Academic Exchange between Yogi Vemana University (hereinafter referred to as "University") and Andhra Pradesh State Remote Sensing Applications Centre (hereinafter referred to as "APSRAC"), collectively referred to hereinafter as the "Parties".

WHEREAS:

1. The Parties agree to enter into an agreement for academic exchange;
2. The Parties recognize that the academic exchanges will promote further educational collaboration and cultural understanding and have agreed to further continue their common interest in promoting the mutual cooperation in the area of education and research; and
3. The parties to implement the MOU under the terms and condition hereinafter set forth.

HAVE AGREED AS FOLLOWS:

The areas of cooperation will include any program offered at either institution which is felt to be desirable and feasible for the development and strengthening of cooperative relationship between the above institutions. However, all programs shall be subject to mutual consent, availability of funding, and approval of each institution. Such programs may include:

- o Exchange of Scientists/Researchers
- o Joint research programs and exchange of academic information
- o Joint cultural programs
- o Joint conferences and workshops

ARTICLE I

PURPOSE AND OBJECTIVE

The purpose of this Memorandum of Understanding is to make possible and to facilitate the exchange of students, scholars and educational resources between YVC and APSTRAC, based upon principles of mutual and the reciprocity of benefits;

The objective of this MOU is to strengthen ties between both Parties and to promote academic cooperation.

**ARTICLE II  
SCOPE OF ACTIVITIES**

The scope of activities of the MOU shall include:

Detail of specific cooperative programs shall be set forth in a separate document and will contain both programmatic and financial arrangement.

This MOU shall be effective upon approval by both parties and shall remain in effect for 20 years. It may be extended by mutual agreement expressed by a written memorandum of understanding.

**ARTICLE III  
OFFICIAL LANGUAGE**

All letters, drawings, reports and other documents executed for the implementation of the MOU and all bilateral discussions conducted between the Parties shall be in either in Telugu or English.

**ARTICLE IV  
COMMUNICATION**

Any notice or request given or made by one party to the other under this MOU shall be in writing in the language of English and shall be addressed by all means to the party's principal office as is designated in writing hereinafter:

Yogi Vemana University  
Academic and Research Development Office  
Address: Vemaneswaram, Kadapa 516 003  
Andhra Pradesh, INDIA  
Tel/Fax : + 91-8562 225411 or 413 & 423/Fax + 91-8562 225419  
E-Mail : [krishna.kkreddy@gmail.com](mailto:krishna.kkreddy@gmail.com)

A.P. State Remote Sensing Applications Centre (APSRAC)  
2nd Floor, DES Campus  
Khatraibad, Hyderabad - 500 006  
Office : 040-23311313 ; Fax : 040-23311553  
E-Mail: [kmruthyu@yahoo.com](mailto:kmruthyu@yahoo.com)

Authorized representatives of Yogi Vemana University and the A.P. State Remote Sensing Applications Centre shall sign two original Memorandum of Understanding documents. Each party shall hold one original signed MOU, with both documents being equally authentic.

IN WITNESS WHEREOF, the parties hereto have caused this MOU to be executed by their duly authorized representatives.

For the Yogi Vemana University  
Kadapa

For the A.P. State Remote Sensing Applications  
Centre, Hyderabad



Prof. R. Ramakrishna Reddy  
Registrar, Yogi Vemana University  
Date: 15 February 2022  
Place: KADAPA



K. Anuraj Jaye Reddy  
Director General, APSRAC  
Date: 15 February 2022  
Place: KADAPA

Signed in the presence of the Hon'ble Chief Minister, Govt. of A.P.

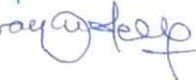
Witnesses:

1. K.V. Reddy

2. 

Witnesses:

1. 

2. 





सत्यमेव जयते

INDIA NON JUDICIAL

(15)

Government of Karnataka

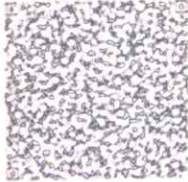
Rs. 200

e-Stamp

Certificate No. : IN-KA78939230402426S  
 Certificate Issued Date : 01-Dec-2020 10:48 AM  
 Account Reference : NONACC (FI)/ kacrs1108/ KANAKAPURA/ KA-RM  
 Unique Doc. Reference : SUBIN-KAKACRSFL0848557999203334S  
 Purchased by : JAIN UNIVERSITY DEEMED TO BE UNIVERSITY  
 Description of Document : Article 12 Bond  
 Description : MEMORANDUM OF UNDERTAKING (MOU)  
 Consideration Price (Rs.) : 0  
 (Zero)  
 First Party : JAIN UNIVERSITY DEEMED TO BE UNIVERSITY  
 Second Party : YOGI VEMANA UNIVERSITY  
 Stamp Duty Paid By : JAIN UNIVERSITY DEEMED TO BE UNIVERSITY  
 Stamp Duty Amount(Rs.) : 200  
 (Two Hundred only)

सत्यमेव जयते

*Shilpa*  
 Urban Co-operative Credit  
 Society Limited  
 Church Street, KANAKAPURA - 562117



Please write or type below this line

Memorandum of Understanding (MoU)  
 between  
 JAIN (Deemed-to-be-University)  
 and  
 Yogi Vemana University

This memorandum of understanding entered into on 21<sup>st</sup> November, 2020 between Yogi Vemana University, Vemanapuram, Kadapa 516 005, Andhra Pradesh, a higher education institution, established under the Act 28 approved by the Andhra Pradesh State Legislative Assembly with effect from 9<sup>th</sup> March, 2006 (herein after referred to as YVU which expression shall where the context so admits include its successors and permitted assignees)

AND

Statutory Alert

1. The authenticity of this Stamp certificate should be verified at [www.shoilestamp.com](http://www.shoilestamp.com) or using a Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App 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.



1. JAIN (Deemed-to-be University), is notified by the Ministry of HRD, Government of India, as an institution Deemed-to-be University vide notification No. F. 9-57/2007-U.S.A dated 19/12/2008 and 24/07/2009 under the section 3 of the UGC Act, 1956, having its registered office at #91/2, Dr. A N Krishna Rao Road, VV Puram, Bangalore 560 004 represented by its Registrar, Dr. NVH Krishnan (hereinafter referred to as "JAIN" which expression shall include its representative, successors, partners, incubates, subsidiaries, joint ventures and assignees) on the other part

2. WHEREAS YVU, currently offering PG, integrated M.Sc., and doctoral programmes, is having facilities for conducting research and training in the above areas leading to UG/PG degrees and PhD in the faculties of Science, Arts, Humanities, Commerce & Management and Engineering. has expertise in conducting R&D studies in the following areas Materials Science & Nanotechnology, Physics, Chemistry, Geology, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Natural products, Medicinal plants, Microbiology, Synthetic organic chemistry, Genetics & Genomics, Botany, Zoology etc. YVU has the experimental facilities and equipments along with the expertise for conducting R&D in the following areas:

- Nanomaterials for Energy, Environment and Health care applications
- Photocatalysis for hydrogen production, pollutants degradation and organic synthesis
- Advanced functional materials for Solar cells, photovoltaics, supercapacitors and fuel cell applications
- Carbon nanomaterials; Synthesis, Characterization and Applications
- Flexible/printable energy storage devices
- Organic synthesis including multi-component synthesis
- Genetics & genomics of plants and animals
- Sustainable energy materials and processes

*Handwritten signature*

3. WHEREAS JAIN, currently offering UG, PG and doctoral programmes, is having facilities for conducting research and training in the above areas leading to UG/PG degrees and PhD in the faculties of Science, Pharmacy, Engineering, Architecture, Medicine, International business, Management and Law. JAIN has the expertise in conducting the research in the areas of Chemistry, Nanotechnology, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Pharmacy, Natural products, Medicinal plants, Microbiology, Chemical informatics, Molecular modelling, Synthetic organic chemistry, Medicinal chemistry, Forensic science, etc. JAIN has the sophisticated facilities and equipments along with the expertise for conducting R&D in the following areas:

- Nanomaterials for energy and environmental applications
- Photocatalysis and applications
- Solar cells and photovoltaics
- Sustainable energy materials and processes
- Green process developments and fine chemical synthesis
- Biofuels
- Nanotechnology and material chemistry
- Membrane technology and polymer chemistry
- Electrochemistry and supercapacitors
- Heterogeneous catalysis
- Organometallics and medicinal chemistry
- Organic synthesis and transformation
- Bio-imaging and sensing

4. WHEREAS YVC and JAIN have agreed to collaborate in the following areas:



- Teaching, research and training in selected and advanced thrust areas in science and technology
  - Preparing the project proposal in the areas of mutual interest for the submission to the various agencies and industries for funding
  - Exchange of scientists, faculty and students in collaborative projects on the areas of interest and expertise as mentioned above
  - Implementation of outreach activities of YVU in the state of Andhra Pradesh with involvement of JAIN faculty towards strengthening the ties between Academic Research Institute and Industry
  - Skill development, certification courses, training programme offered to external agencies
  - The new material analysis and characterization
  - Photochemistry based research activities
5. YVU and JAIN agree to enter into separate agreements on case to case basis, with the scope of work involving terms and conditions, financial arrangements, intellectual property rights and respective responsibilities
6. This MoU is valid for 5 year from the date of signing. Subject to the extension for further period or curtailed with mutual consent
7. Except as hereinbefore provided any dispute arising out of this MoU, the same shall be referred to the attribution of two arbitrators one to be appointed by each party to the dispute and in case of difference of opinion between them to a umpire appointed by the said arbitrators before entering on the reference and the decision of such arbitrators or umpire as the case may be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996

↪

8. This MoU has been executed in two originals; one of these has been retained by YVU and the other by JAIN

In witness whereof, the parties hereto have signed this MoU on the day, month and year mentioned herein before.

Signed, sealed and delivered

For and on behalf of  
Yogi Vemana University  
Kadappa 516 005



Signature  
Name: Prof. D. VijayaRagahava Prasad  
Designation: Registrar

**REGISTRAR**  
**YOGI VEMANA UNIVERSITY**  
**KADAPA - 516 005.**

Seal  
Date: 23/11/2020

Witness (Name & address)



1. Dr. M. V. Shankar  
Professor & Chairman BOS  
Dept. Mater. Sci. & Nanotechnology  
Yogi Vemana University, Kadapa



2. Dr. M. Mamatha Kumari  
Asst. Prof (SG) & Coordinator  
Dept. Mater. Sci. & Nanotechnology  
Yogi Vemana University, Kadapa

Signed, sealed and delivered

For and on behalf of  
JAIN (Deemed-to-be University)  
Bangalore 560011



Signature  
Name: Dr N V H Krishnan  
Designation: Registrar

**Dr. NVH Krishnan**  
**Registrar**  
**JAIN (Deemed-to-be Univ**  
# 319, 17th Cross, 25th f.  
J.P. Nagar 6th Phase,  
Bangalore - 560 078.

Seal  
Date: 23/11/2020

Witness (Name & address)



1. Dr. R. Geetha Balakrishna  
Professor and Director  
Centre for Nano and Material Sciences  
Jain Deemed to be University, Bangalore



2. Dr. M. Sakar  
Assistant Professor  
Centre for Nano and Material Sciences  
Jain Deemed to be University, Bangalore





## Government College (Autonomous)

(Re-Accredited at 'A' Grade by NAAC)

Ananthapuramu, Andhra Pradesh.

### MEMORANDUM OF UNDERSTANDING Between

DEPARTMENT OF GEOLOGY  
GOVERNMENT COLLEGE (AUTONOMOUS) ANANTAPUR  
AND

DEPARTMENT OF GEOLOGY  
YOGI VEMANA UNIVERSITY, KADAPA

This agreement is made this 16th day of April, 2017 between the two departments In the spirit of friendship and with mutual interest in academic cooperation in areas of students' interest and the two departments enter into this Memorandum of Understanding (MOU) to promote joint educational collaboration and agree as follows:

- Joint teaching, research, or cultural activity;
- Mobility of faculty, scholars, and students between institutions;
- Staff professional development;
- Sharing or creation of educational materials and resources.
- Motivation of students for pursuing higher studies


This MOU is signed only for the approval of each institution's authorized representatives and does not have legal binding.


This MOU shall be in effect for a period of 5 years from the last date of signature. Either party may request termination of this agreement, in writing, ninety (90) days prior to the proposed termination date. Any activities in progress at the time of termination shall be permitted to conclude as planned unless otherwise agreed in writing.

Amendments to this MOU may be requested, in writing, by either party and approved by the authorized signatories.

None of the parties shall use the name, logo, likeness, trademarks, image or other intellectual property of either of the other parties for any advertising, marketing, endorsement or any other purposes without the specific prior written consent of an authorized representative of the other party as to each such use.

No party may assign this Agreement or any rights or obligations under this Agreement to any person or entity without the prior written consent of the other parties. Any assignment in violation of this provision is null and void.

  
FOR AND ON BEHALF OF  
DEPARTMENT OF GEOLOGY  
Incharge (U.G. & P.G.)  
Department of Geology  
Government College (A)  
Ananthapuramu  
Ananthapuramu - 515001

  
FOR AND ON BEHALF OF  
DEPARTMENT OF GEOLOGY  
YOGI VEMANA UNIVERSITY  
KADAPA - 515001

Landline: 08554 - 240825, Mobile: +91 - 9948121720  
Website: [www.gdcatp.org](http://www.gdcatp.org), Email: [ananthpur.jkc@gmail.com](mailto:ananthpur.jkc@gmail.com)



## MEMORANDUM OF UNDERSTANDING

Between

**YOGI VEMANA UNIVERSITY, KADAPA**

And

**SVAK LIFE SCIENCES, HYDERABAD**

This Memorandum of Understanding is drawn up and agreed upon to establish the academic and Industry research collaboration in all relevant and mutually agreed areas between **Yogi Vemana University (YVU)** which is a state University of Andhra Pradesh, established under the Act 28 approved by the Andhra Pradesh State Legislative Assembly with effect from 9<sup>th</sup> March 2006, having office at **Vemanapuram, Kadapa** and **SVAK LIFE SCIENCES**, in the business of Pharmaceutical Research and Development having its Registered office at Plot No: 92 B, Road No - 8, ALEAP Industrial Area, New Pragathi Nagar, **Hyderabad – 500 090**, a company registered under the Companies Act, 1956, Government of India.

### **About Yogi Vemana University, KADAPA (YVU)**

YVU was established in Kadapa to serve the educational requirements of students of Rayalaseema region. Various fields of knowledge from Engineering and Applied Sciences to Life and Physical Sciences and the Humanities, Arts and Management are nurtured under the aegis of the

University. It has introduced not only innovative courses but also designed contemporary course ware to forge close interaction with the industry and society. The objective is to impart skill development based education to the students along with strengthening the knowledge in order to pave the way for their employability and active involvement in the dynamics of social change.

YVU offers 24 Post Graduate courses and PhD programme in the faculties of Science, Arts, Humanities, Commerce, Management and Engineering apart from one UG programme in Fine Arts. The faculty members of YVU have expertise in conducting R&D studies in the following disciplines/areas of Chemistry, Synthetic organic chemistry, Natural products, Medicinal chemistry, Bio-physical, Drug-delivery, Nanomaterials for energy and environmental applications, Materials Science & Nanotechnology, Physics, Geology, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Microbiology, Genetics & Genomics, Botany, Zoology etc. YVU has the experimental facilities and equipments along with the expertise for conducting R&D in the above mentioned areas.

YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. The University strongly believes that all the courses that are offered in this University should be relevant to the society at large and with focus on local people requirements. To facilitate collaboration between the University and Industry the curriculum was designed with focus on skill development of the students.

#### **About SVAK Life Sciences (SVAKLS)**

**SVAKLS** is a leading industry in the area of Pharmaceutical Research & Development, where the core expertise includes Process Development, Synthesis of Organic and Medicinal Chemistry molecules, Analytical Methods Development, Method Validation, Characterization of chemical/pharmaceutical compounds, Drug impurity synthesis for a variety of APIs necessary for human health and the conduct of R&D work is fully in compliance with ISO Certification.

YVU and SVAKLS are signing the Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension and technical guidance in the fields of common interest within the framework of charter of both the institutions for a period of five years initially from



the date of signing the MoU. The broad area of co-operation, envisaged and the terms of MOU are as follows.

## 1. EDUCATION

- (i) **SVAKLS** will contribute to the development of faculty and students of YVU with respect to **skill development, training, internships, placements, and industrial collaboration**. Also help in designing the curriculum suiting the current industry needs from time to time.
- (ii) **SVAKLS** will help the faculty in acquiring knowledge about current technological developments in relevant fields, impart professional practices relevant to technical education and achieve competitive teaching and learning environment by way of seminars and workshops conducted at the University premises.
- (iii) YVU will recognize **SVAKLS** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses. YVU will recognize **SVAKLS** Scientists on their individual merits in accordance with the University's rules and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category during anytime of the year without the requirement of admission notification.

## 2. RESEARCH

The Research programmes will be facilitated with contribution by the way of infrastructure and local facilities mutually agreed upon by both the institutes.

The major research areas where **SVAKLS** technical competency will be utilized consist of:

- (i) Characterization of chemical/pharmaceutical compounds
- (ii) Isolation and Identification of unknown compounds using high end instrumentation.
- (iii) Research related to Analytical, Organic and Medicinal Chemistry.
- (iv) Industrial orientation for students of YVU, Skill development, Placements.

## **ARTICLE I: OBJECTIVES**

The objectives of the programs are to provide and explore interdisciplinary research for students of YVU and SVAKLS. Promoting academic and industrial bridge between YVU and SVAKLS. And to explore other avenues for possible collaboration where expertise exists and can be mentored by either or both the parties.

## **ARTICLE II: SCOPE OF THE PROGRAM:**

The **MoU for five years** is established to provide collaborative cooperation through:

- (i) Collaborative Research Programs in specific fields of interest, YVU and SVAKLS will jointly identify common research areas and also specific fields to conduct collaborative research programs of mutual interest and benefit the parties.
- (ii) Exchange programs for students with internships will be explored and conducted accordingly which will be beneficial mutually for both the parties.
- (iii) Industrial orientation, training and placements for students of YVU where possible.
- (iv) Recognizing select faculty members from both institutions as research co-guides or co-supervisors in certain areas through review and consultation by both parties.
- (v) Produce high quality publications which will be authored by all those contributing to the work namely the scientists, YVU faculty members and scientists of SVAKLS and YVU who involved in the projects.
- (vi) Any other mutually agreed form of cooperation.

## **ARTICLE III: INTELLECTUAL PROPERTY RIGHTS**

Wherever there collaboration projects with sufficient evidence through sharing of facilities and ideas and records or log books, both parties shall enjoy equal Intellectual Property Rights (IPR). Additional MoUs can be drawn depending on potential of the research by the parties. The joint research publications should mention about this MoU.

#### **ARTICLE IV: DURATION OF THE PROGRAM**




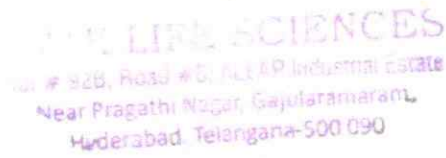



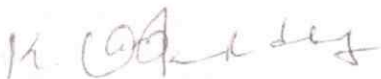

This Memorandum shall come into force on the date of signing by both parties and shall be in force for five years. If this MoU is to be terminated without cause, a three months prior notice should be sent by one party to another party.

#### **ARTICLE V: SPECIAL PROVISIONS**

1. Both parties shall disseminate information on each other's programs and activities.
2. Both parties shall do their utmost to ensure the smooth and efficient implementation of the program.
3. Both parties shall exert their best effort to be available for mutual consultation and shall give each other necessary information whenever reasonably requested.
4. Any amendment to this MOU shall be made in writing and mutually agreed upon.
5. All disputes arising in connection with the interpretation or application of this memorandum of understanding shall be settled amicably through mutual negotiation.
6. Both one parties will maintain close contact so as to ensure the smooth implementation of the program.
7. Representative of YVU nominated by the Hon'ble Vice-Chancellor of YVU and the Managing Director of SVAKLS or his/her Representative shall meet periodically, at least once in a year, to review the program and will enlarge the scope, if deemed proper, and to overcome any lacunae in operation.

This MoU has been executed in two originals; one of these has been retained by YVU and the other by SVAKLS.

In witness whereof, the parties hereto have signed this MoU on the 06<sup>th</sup> day of JANUARY 2021.

| Signed, sealed and delivered   | Signed, sealed and delivered   |
|--|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005   | For and on behalf of<br><b>SVAKLS</b><br>Hyderabad   |
|   |    |
| Signature<br>Name: Prof. D. Vijaya Ragahava Prasad<br>Designation: Registrar   | Signature<br>Name: Mr. N. Ravi Reddy<br>Designation: Managing Director   |
| Seal<br>Date: 06/01/2021<br>  | Seal<br>Date:    |
| Witness (Name & address)<br><br>1. Dr. A. G. Damu<br>Professor & Chairman BOS<br>Dept. of Chemistry<br>Yogi Vemana University, Kadapa<br><br><br>2. Dr. L. Subramanyam Sarma<br>Asst. Prof & Coordinator<br>Dept. of Chemistry<br>Yogi Vemana University, Kadapa | Witness (Name & address)<br><br>1. Dr. M. Nagesh<br><br><br>2. K. VINOD KUMAR REDDY<br><br> |



## MEMORANDUM OF UNDERSTANDING

Between

**YOGI VEMANA UNIVERSITY, KADAPA**

And

**AROUSE PHARMA PRIVATE LIMITED, HYDERABAD**

This Memorandum of Understanding is drawn up and agreed upon to establish the academic and Industry research collaboration in all relevant and mutually agreed areas between **Yogi Vemana University (YVU)** which is a state University of Andhra Pradesh, established under the Act 28 approved by the Andhra Pradesh State Legislative Assembly with effect from 9<sup>th</sup> March 2006, having office at **Vemanapuram, Kadapa** and **AROUSE PHARMA PRIVATE LIMITED** in the business of Pharmaceutical Research and Development having its Registered office at Plot No: 27, Road No - 12, IDA Nacharam , **Hyderabad – 500 076**, a company registered under the Companies Act, 1956, Government of India.

### **About Yogi Vemana University, KADAPA (YVU)**

YVU was established in Kadapa to serve the educational requirements of students of Rayalaseema region. Various fields of knowledge from Engineering and Applied Sciences to Life and Physical Sciences and the Humanities, Arts and Management are nurtured under the aegis of the University. It has introduced not only innovative courses but also designed contemporary course ware to forge close interaction with the industry and society. The objective is to import skill development

based education to the students along with strengthening the knowledge in order to pave the way for their employability and active involvement in the dynamics of social change.

YVU offers 24 Post Graduate courses and PhD programme in the faculties of Science, Arts, Humanities, Commerce, Management and Engineering apart from one UG programme in Fine Arts. The faculty members of YVU have expertise in conducting R&D studies in the following disciplines/areas of Chemistry, Synthetic organic chemistry, Natural products, Medicinal chemistry, Bio-physical, Drug-delivery, Nanomaterials for energy and environmental applications, Materials Science & Nanotechnology, Physics, Geology, Biochemistry, Biotechnology, Bioinformatics, Environmental science, Microbiology, Genetics & Genomics, Botany, Zoology etc. YVU has the experimental facilities and equipments along with the expertise for conducting R&D in the above mentioned areas.

YVU Faculty members have been actively undertaking research projects funded by various funding agencies like DST, CSIR, DBT, ISRO, MNRE, NRB, MOES etc. The University strongly believes that all the courses that are offered in this University should be relevant to the society at large and with focus on local people requirements. To facilitate collaboration between the University and Industry the curriculum was designed with focus on skill development of the students.

#### **About AROUSE PHARMA PRIVATE LIMITED**

**Arouse Pharma** is a leading industry in the area of Pharmaceutical Research & Development, where the core expertise includes Developing and optimizing cost-effective synthetic processes for APIs and intermediates and providing quality APIs and intermediates for commercial use and for use in clinical studies and the conduct of R&D work is fully in compliance with ISO Certification.

YVU and AROUSE pharma are signing the Memorandum of Understanding (MOU) for making available the expertise and resources existing in both the organizations for promoting education, industrial collaboration, research, training, extension and technical guidance in the fields of common interest within the framework of charter of both the institutions for a period of five years initially from the date of signing the MoU. The broad area of co-operation, envisaged and the terms of MOU are as follows.

## 1. EDUCATION

- (i) **Arouse Pharma** will contribute to the development of faculty and students of YVU with respect to **skill development, training, internships, placements, and industrial collaboration**. Also help in designing the curriculum suiting the current industry needs from time to time.
- (ii) **Arouse Pharma** will help the faculty in acquiring knowledge about current technological developments in relevant fields, impart professional practices relevant to technical education and achieve competitive teaching and learning environment by way of seminars and workshops conducted at the University premises.
- (iii) YVU will recognize **Arouse Pharma** as an institution for conducting research relating to the thesis requirement of the Research Scholars for the Ph.D Degree courses. YVU will recognize Arouse Pharma Scientists on their individual merits in accordance with the University's rules and norms for guiding research scholars enrolled for their Ph. D Degree Programs in Extramural Category during anytime of the year without the requirement of admission notification.

## 2. RESEARCH

The Research programmes will be facilitated with contribution by the way of infrastructure and local facilities mutually agreed upon by both the institutes.

The major research areas where **AROUSE PHARMA** technical competency will be utilized consist of:

- (i) Characterization of chemical/pharmaceutical compounds
- (ii) Isolation and Identification of unknown compounds using high end instrumentation.
- (iii) Research related to Analytical, Organic and Medicinal Chemistry.
- (iv) Industrial orientation for students of YVU. Skill development. Placements.

### ARTICLE I: OBJECTIVES

The objectives of the programs are to provide and explore interdisciplinary research for students of YVU and **AROUSE PHARMA**. Promoting academic and industrial bridge

between YVU and **AROUSE PHARMA**. And to explore other avenues for possible collaboration where expertise exists and can be mentored by either or both the parties.

#### **ARTICLE II: SCOPE OF THE PROGRAM:**

The **MoU for five years** is established to provide collaborative cooperation through:

- (i) Collaborative Research Programs in specific fields of interest, YVU and **AROUSE PHARMA** will jointly identify common research areas and also specific fields to conduct collaborative research programs of mutual interest and benefit the parties.
- (ii) Exchange programs for students with internships will be explored and conducted accordingly which will be beneficial mutually for both the parties.
- (iii) Industrial orientation, training and placements for students of YVU where possible.
- (iv) Recognizing select faculty members from both institutions as research co-guides or co-supervisors in certain areas through review and consultation by both parties.
- (v) Produce high quality publications which will be authored by all those contributing to the work namely the scientists, YVU faculty members and scientists of **AROUSE PHARMA** and YVU who involved in the projects.
- (vi) Any other mutually agreed form of cooperation.

#### **ARTICLE III: INTELLECTUAL PROPERTY RIGHTS**

Wherever there collaboration projects with sufficient evidence through sharing of facilities and ideas and records or log books, both parties shall enjoy equal Intellectual Property Rights (IPR). Additional MoUs can be drawn depending on potential of the research by the parties. The joint research publications should mention about this MoU.

#### **ARTICLE IV: DURATION OF THE PROGRAM**

This Memorandum shall come into force on the date of signing by both parties and shall be in force for five years. If this MoU is to be terminated without cause, a three months prior notice should be sent by one party to another party.








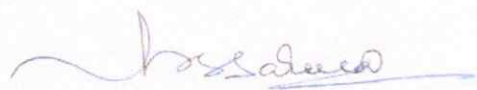
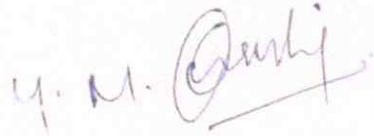
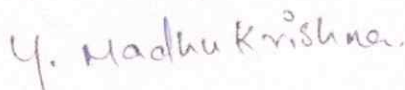
## ARTICLE V: SPECIAL PROVISIONS

1. Both parties shall disseminate information on each other's programs and activities.
2. Both parties shall do their utmost to ensure the smooth and efficient implementation of the program.
3. Both parties shall exert their best effort to be available for mutual consultation and shall give each other necessary information whenever reasonably requested.
4. Any amendment to this MOU shall be made in writing and mutually agreed upon.
5. All disputes arising in connection with the interpretation or application of this memorandum of understanding shall be settled amicably through mutual negotiation.
6. Both one parties will maintain close contact so as to ensure the smooth implementation of the program.
7. Representative of YVU nominated by the Hon'ble Vice-Chancellor of YVU and the Managing Director of **AROUSE PHARMA** or his/her Representative shall meet periodically, at least once in a year, to review the program and will enlarge the scope, if deemed proper, and to overcome any lacunae in operation.

This MoU has been executed in two originals: one of these has been retained by YVU and the other by **AROUSE PHARMA**.

In witness whereof, the parties hereto have signed this MoU on the 17<sup>th</sup> day of December 2020.

| Signed, sealed and delivered  | Signed, sealed and delivered   |
|---|--|
| For and on behalf of<br>Yogi Vemana University<br>Kadapa 516 005                    | For and on behalf of<br><b>AROUSE PHARMA</b><br>Hyderabad  |
|  | <br>AROUSE PHARMA PRIVATE LIMITED<br>DIR |
| Signature<br>Name: Prof. D. Vijaya Ragahava Prasad<br>Designation: Registrar        | Signature<br>Name: Dr. Rajesh Kumar<br>Designation: Founder Director   |
| Seal<br>Date:<br><b>REGISTRAR<br/>YOGI VEMANA UNIVERSITY<br/>KADAPA - 516 005.</b>  | Seal<br>Date:<br>                       |

| Witness (Name & address)  | Witness (Name & address)  |
|---|---|
| <p>1. <br/>Dr. A. G. Damu<br/>Professor &amp; Chairman BOS<br/>Dept. of Chemistry<br/>Yogi Vemana University, Kadapa</p>           | <p>1. <br/>SRINIVASU. K.</p>  |
| <p>2. <br/>Dr. L. Subramanyam Sarma<br/>Asst. Prof &amp; Coordinator<br/>Dept. of Chemistry<br/>Yogi Vemana University, Kadapa</p> | <p>2. <br/>Y. M. Ganji<br/><br/>Y. Madhu Krishna.</p> |



**Memorandum of Understanding**  
*between*  
**ICAR - Indian Institute of Rice Research  
(IIRR), Hyderabad**

*And*

**Yogi Vemana University, Kadapa, A.P**  
*for facilitating*

**Students' Training/Postgraduate Research**

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 18<sup>th</sup> day of the month of November in the year 2021 by and between the **ICAR-Indian Institute of Rice Research** (hereinafter referred to as **ICAR-IIRR, First Party**) having its Head Office at **Hyderabad** [hereinafter called First party], a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001 on the ONE PART and the **Yogi Vemana University, Kadapa, A.P** (hereinafter referred to as **YVU, Second Party**) India having its headquarters at **Kadapa, A.P** [hereinafter called Second party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of students' training and quality postgraduate research in cutting edge areas in accordance with the provisions contained in the Guidelines issued vide Letter No. 2-8/2012- HRD dated 11th December, 2012 or as revised from time to time.

**WHEREAS** the "ICAR-IIRR" is involved in the studies on **Genetics and plant breeding, Biotechnology, Plant Pathology, Entomology, Plant Physiology, Seed Technology, Biochemistry, Microbiology, Agronomy, Soil Science, Agril. Engineering, Economics and Extension.**

**AND WHEREAS** the "YVU", established vide F.No: 145 dated: 18<sup>th</sup> March, 2006 by Govt. of Andhra Pradesh vide Act No.: 4 of 1991 and recognized by University Grants Commission and its Department of **Biotechnology and Botany** is involved in **Biotechnology, Plant Breeding, Molecular Genetics, Functional Genomics, Plant Molecular Biology, Climate Resilient Crops Development, Stress Biology and Plant Physiology.**

**AND WHEREAS** it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

(Signature of First Party)

(Signature of Second Party)

## Article 1. Scope

- 1.1 The second party will recognize the first party as an Institute for conducting research related to the thesis requirement of the research students for **P.G and Ph.D. programme**
- 1.2 The second party will recognize Scientists of the **ICAR-IHRR, Hyderabad** as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree.
- 1.3 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible.
- 1.4 Research Instrumentation Facility and Library Facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.5 There shall be an exchange of students for Academic, Research and Training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both the parties.

## Article 2. Management

- 2.1 Director of the First party and the Vice-Chancellor of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

## Article 3. Exchange of Information

- 3.1 The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.
- 3.2 The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes.

  
(Signature of First Party)

  
(Signature of Second Party)

#### **Article 4. General Provisions**

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out in Item 3.2.1C of the Guidelines for the students to conduct research for their degree programme as trainees at ICAR institutions
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the award of the degree by the Second party.
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

#### **Article 5. Intellectual Property Rights**

- 5.1 The Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work. The ICAR as the first applicant (for its institute) and the Second party shall be the joint applicants for IPRs and the students and involved scientific staff shall be included as the inventor/breeder/author. The 'ICAR Guidelines for Intellectual Property Management and Technology Transfer/Commercialization' as amended from time to time shall be the reference for exploitation of the generated intellectual property, whose management and benefits sharing shall be mutually decided in each case.

#### **Article 6. Admission and Fees**

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out in Items 3.2.1A and 3.2.2A of the Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions as notified *vide* Letter No. 2-8/2012-HRD dated 25<sup>th</sup> April 2014 or revised Guidelines, if any, as may be issued from time to time, for the students from within NARS and outside NARS, respectively.



(Signature of First Party)



(Signature of Second Party)

- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the Second party as per the rules and regulations.
- 6.3 Allotment of the students at the First party will be done by the approval of Director of the First party and Vice-Chancellor/Head of the Institution of the Second party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period.
- 6.5 The PME Cell of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the First party institution.
- 6.7 Any student(s) admitted to the First party for training/postgraduate research, if found violating the rules and regulations laid down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. The Second party will not complete the formalities of issuing the certificates to such students until they compensate the losses to the First party.
- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at ICAR institutions *vide* Letter No. 2-8/2012-HRD dated 25<sup>th</sup> April, 2014 or revised Guidelines, if any, as may be issued from time to time. No fee may be charged by the First party from the students registered with AU/DU within NARS. However a student registered with a Second party, outside NARS, will deposit fee of Rs. 30,000/- per semester (six months) for training and research. Any change in fee structure by ICAR will be applicable from the date of revision and shall be charged by the First party.

#### **Article 7. Entry into effect, modification and termination**

- 7.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three/five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.



(Signature of First Party)




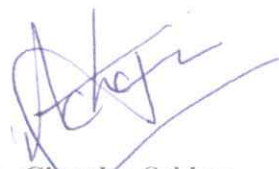


(Signature of Second Party)

7.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party).

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

|  |   |
|--|---|
| (Name and Address of the First Party)<br><b>DIRECTOR</b><br><b>ICAR-Indian Institute of Rice Research</b><br><b>Rajendranagar, Hyderabad 500030</b>  | (Name and Address of the Second Party)<br><b>REGISTRAR</b><br><b>Yogi Vemana University,</b><br><b>Kadapa- 516005, Andhra Pradesh</b>   |
| Name of the Director of the First Party  | Name of the Registrar of the Institution of the Second Party  |
| <b>Dr.R M Sundaram</b>   | <b>Prof.D. VijayaRaghava Prasad</b>   |
| Tel No. 040-24591216/217   | Tel. No : 08562 -225429/419   |
| Date :   | Date:   |
| Email : director.iirr@icar.gov.in  | Email: registryvu@gmail.com   |
| (Signature with Seal)  | (Signature with Seal)   |
| <br><b>निदेशक/DIRECTOR</b><br><b>भाकृअनुप-भारतीय चावल अनुसंधान संस्थान</b><br><b>ICAR-Indian Institute of Rice Research</b><br><b>राजेन्द्रनगर/Rajendranagar,</b><br><b>हैदराबाद/Hyderabad-500 030. (Telangana State)</b> | <br><b>REGISTRAR</b><br><b>YOGI VEMANA UNIVERSITY</b><br><b>KADAPA-516 005.</b>                           |
| (Witness )   | (Witness)   |
| <br><b>Mr. U. Chaitanya</b><br>Senior Technical Officer<br>PMEC, ICAR-IIRR, Hyderabad   | <br><b>Dr. A. Chandra Sekhar,</b><br>Head, Department of Biotechnology,<br>Yogi Vemana University, Kadapa |

## Memorandum of Understanding

*Between*

**Yogi Vemana University, Kadapa, A.P**

*and*

**ATGC Biotech Pvt. Ltd, Hyderabad**

*for facilitating*

### Research in Frontiers Areas, Ph.D., / PG Students' Training and Exchange

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 18<sup>th</sup> day of the month of **November** in the year **2021** by and between the **Yogi Vemana University, Kadapa, A.P** (hereinafter referred to as **YVU, First Party**) having its headquarters at **Kadapa, A.P** [hereinafter called First party], a constituent State University, Govt. of Andhra Pradesh on the ONE PART and the **ATGC Biotech Pvt. Ltd, LSI, IKP Knowledge Park, Genome Valley, Hyderabad** (hereinafter referred to as **ATGC, Second Party**) India having its Head Office at **Hyderabad** [hereinafter called Second party] on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

AND WHEREAS the "YVU", established vide F.No: 145 dated: 18<sup>th</sup> March 2006 by Govt. of Andhra Pradesh vide Act No.: 4 of 1991 and recognized by University Grants Commission and its Department of **Biotechnology and Botany** is involved in **Biotechnology, Plant Breeding, Molecular Genetics, Functional Genomics, Plant Molecular Biology, Climate Resilient Crops Development, Stress Biology and Plant Physiology**.

WHEREAS the "ATGC" is specialized in synthesizing innovative affordable **Pheromones** that target insect behavioural pattern thereby causes **Mating Disruption, or Male Auto-confusion, or Attract and Kill, or mass trapping for Integrated Pest Management for greener planet**.

AND WHEREAS both the above parties work with objectives to enhance the quality of products by jointly working on the projects, research and extension of services to the society at large.

NOW therefore, in consideration of the premises and mutual covenants hereinafter contained, the parties hereto agree as follows:

#### **Article 1. Objectives of collaboration**

- 1.1 To collaborate and co-operate with each other in research activities, the First party will recognize the Second party as a company for conducting research related to the thesis requirement of the research students for **P.G and Ph.D. programme**



(Signature of First Party)



(Signature of Second Party)



- 1.2 To collaborate and co-operate with each other in research activities, the First party will recognize the Second party as a company for conducting rese
- 1.3 The main research areas identified for collaborative research are in the fields **“Plant Molecular Biology, Evaluating the Expression of Genes and to study Biological Pathways in Various Biological Systems and Genetic Engineering of Oil Seed Crops, Plant Molecular Genetics and Breeding of Target Crops, and other Allied Advanced Fields of Biotechnology”**
- 1.4 The First party will recognize the Second party as a company for conducting research related to the development of products.
- 1.5 The First party will recognize Scientists of the **ATGC, Hyderabad** as recommended by its Director in accordance with the Company rules and regulations.
- 1.6 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party will be according to the Common Research Goals.
- 1.7 Research Instrumentation Facility and Library Facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.
- 1.8 Joint Research Activities and Joint IPR activities
- 1.9 Exchange of information related activities in research fields, including faculty members, research scholars and students will formulate joint research project proposals agreed to be on mutual benefit.

## **Article 2. Management**

- 2.1 The Vice-Chancellor of the First party and The Director of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.
- 2.2 The Scientific Committee involved in the Respective Research Activities will meet at least once in a year alternatively in the Institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists (wherever needed).

## **Article 3. Exchange of Information**

- 3.1 The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.
- 3.2 The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes (if needed with mutual agreement).



(Signature of First Party)



(Signature of Second Party)

3.3 The concerned scientists and faculty members to undertake short visits or take up visiting assignments each other's workplaces.

#### **Article 4. General Provisions**

- 4.1 It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of scholars or students, which violate principles of non-discrimination.
- 4.2 Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.
- 4.3 Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.
- 4.4 Any research publications arising will be jointly published in accordance with the provisions laid out as per the Guidelines for the students to conduct research for their degree programme as trainees University
- 4.5 A copy of the thesis/dissertation will be submitted to the First Party after the joint work is conducted in accordance with the mutual agreement for the award of PhD.. in the respective field of research
- 4.6 All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.
- 4.7 All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.
- 4.8 Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

#### **Article 5. Intellectual Property Rights**

- 5.1 The First / Second party will be expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work.
- 5.2 The extent of ownership shall be decided mutually depending upon the relative level of intellectual inputs made by the parties.
- 5.3 Both the parties agree to respect each other's rights to Intellectual property. Further the intellectual property rights that arise as a result of collaborative research or activity under this MOU will be worked on the case-to-case basis by the competent authorities of the parties and will be consistent with officially laid down IPR policies of the parties.



(Signature of First Party)



(Signature of Second Party)

## **Article 6. Financial commitment**

- 6.1 All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the First party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by the provisions laid out from time to time, for the students from within University and outside University, respectively.
- 6.2 Admission of the students and the award of degrees for different programmes will be the responsibility of the First party as per the rules and regulations.
- 6.3 Allotment of the students at the Second party will be done by the approval of Director of the Second party and Vice-Chancellor/Head of the Institution / Concerned Competent Authority of the First party.
- 6.4 The First party would have the right to screen the student's eligibility for admission based on their academic period and need to appear / clear the concern entrance examination.
- 6.5 The concern Research Team of the First party in consultation with the representative of the Second party shall decide the location and sharing quantum of research work.
- 6.6 The number of student(s) at any particular time will be subjected to the availability of research facilities and scientists' time to guide thesis research at the First party institution and at the Second Party Research Facility.
- 6.7 Any student(s) admitted at the First party for training/postgraduate research, if found violating the rules and regulations laid down by the First party or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated.
- 6.8 Fees will be charged from the students by the First party as per Guidelines for the students to conduct research for their degree programmes as trainees at University.
- 6.9 This MOU being a cooperative and collaborative understanding an academic excellence and enhancement of quality of research activities, shall not create any legal and/or financial commitment whatsoever on either of the parties hereto, except as may be provided in activity specific agreements that may be entered into subsequently.

## **Article 7. Entry into effect, modification and termination**

- 7.1 This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable as per the willing of the both parties research teams. Both parties shall review the status of the MoU at the end of each five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.
- 7.2 All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.



(Signature of First Party)








(Signature of Second Party)

7.3 No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications/changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party).

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

|   |  |
|---|--|
| (Name and Address of the First Party)<br><b>REGISTRAR</b><br><b>Yogi Vemana University,</b><br><b>Kadapa- 516005, Andhra</b>  | (Name and Address of the Second Party)<br><b>DIRECTOR</b><br><b>ATGC Biotech Pvt. Ltd, LSI, IKP</b><br><b>Knowledge Park, Genome Valley,</b><br><b>Hyderabad</b>                                 |
| Name of the Registrar of the Institution of the First Party   | Name of the Managing Director of the First of the Second Party   |
| <b>Prof.D. VijayaRaghava Prasad</b>   | <b>Dr.MarkandeyaGorantla</b>   |
| Tel No. 08562 -225429/419   | Tel. No : 9866023556   |
| Date :<br>Email : registryvu@gmail.com  | Date:<br>Email: mg@atgc.in   |
| (Signature with Seal)   | (Signature with Seal)  |
| <br><b>REGISTRAR</b><br><b>YOGI VEMANA UNIVERSITY</b><br><b>KADAPA-516 005.</b>                              | <br>                     |
| (Witness )  | (Witness)  |
| <br><b>Dr. A. Chandra Sekhar,</b><br>Head, Department of Biotechnology,<br>Yogi Vemana University,<br>Kadapa | <br><b>Mrs. S. HimaBindu</b><br>ATGC Biotech Pvt. Ltd, LSI, IKP<br>Knowledge Park, Genome Valley, Hyderabad |