



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

ACADEMIC YEAR 2020-2021

| S.No | Name of the Institution/ industry/ corporate house with whom MoU is signed | Year of signing MoU | Duration | List the actual activities under each MoU |
|------|--|------------------------|-----------|---|
| 1 | ISMO Bio-Photonics Pvt Ltd | 2021 | Long Term | Internship |

R. Arakiadass

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this 22nd of April, 2021 (22-04-2021)

BETWEEN

St. Anne's College of Engineering and Technology, Anguchettypalayam, Panruti-607 106, the **First Party** represented herein by its **Principal Dr. R. Arokiadass**, (hereinafter referred as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

ISMO Bio-Photonics Private Limited, IIT Madras Research park, E block, Chennai-600113, the **Second Party**, and represented herein by its **CEO & Director, S I Ikram Khan**, (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

A) First Party is a Higher Educational Autonomous Institution named:

(i) St. Anne's College of Engineering and Technology, (Department of Electronics and Communication Engineering)

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

ISMO Bio-Photonics Private Limited
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C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.

D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;

E) **ISMO Bio-Photonics Private Limited.**, the Second Party is engaged in IT consulting, web applications and outsourcing services through an optimized technique. It focuses on delivering business solution by modernizing, consolidating the critical applications that support client business processes.

F) Give related information, its branches, and dimensional information about the industry concerned with whom the MoU is sworn.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Department of Electronics and Communication Engineering, **St. Anne's College of Engineering and Technology** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.

1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall

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represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum of Department of Information Technology so that the students fit into the industrial scenario meaningfully.

2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.

2.4 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of IT students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.

2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of –Web Development activities and services.

2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.

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2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.

2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.

2.9 **Both Parties** to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein.

2.10 There is no financial commitment on the part of the **St. Anne's College of Engineering and Technology**, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **ISMO Bio-Photonics Private Limited.**, the Second Party, as the case may be, will take effective steps for implementation of this MOU.

Any act on the part of **ISMO Bio-Photonics Private Limited.**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU

4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf

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of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

A handwritten signature in black ink, appearing to read "R. Arokiadass", written in a cursive style.

Dr. R. Arokiadass

Principal

St. Anne's College of Engineering and Technology
Cuddalore

A handwritten signature in black ink, appearing to read "S. I. Ikram Khan", written in a cursive style.

Mr. S. I. Ikram Khan

CEO & Director

ISMO Bio-Photonics Pvt Ltd
Chennai

ISMO Bio-Photonics Private Limited

CIN:U33119TN2020PTC137798

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15/5/21

Requisition Letter for Internship

Sineka sineka2001cud@gmail.com
to: ismo.biophotonics@gmail.com

Wed, May 5, 2021 at 1:55 PM

Respected Sir,

I am Sineka R, me and my friends Ms. Senthamizhselvi, Ms. Kavitha are doing final year in St. Anne's College of Engineering and Technology. We wish to do industrial internship in ISMO Bio Photonics Private Limited. Our details are below.

Ms. Sineka R -- Final year ECE
Ms. Kavitha K -- Final Year ECE
Ms. Senthamizhselvi P -- Final Year CSE

We request you to kindly appoint us as an intern in your organization and I assure you that we will obey the rules and regulation of your organization.

Thanking you.

With regards,
Sineka.R

Date:10/05/2021

Ms. SINEKA RAMAMOORTHY,

St. Annes College of Engg.,,

sineka2001cud@gmail.com

Dear SINEKA RAMAMOORTHY,

I am delighted & excited to welcome you to ISMO Bio-Photonics Pvt. Ltd. as an **Intern**.

At our company, we believe that our team is our biggest strength and we take pride in hiring **ONLY** the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly *meaningful* internship experience with ISMO.

Your appointment will be governed by the terms and conditions presented in the **Annexure A**. We look forward to you joining us. Please do not hesitate to call us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us. Congratulations!

For ISMO Bio-Photonics Pvt. Ltd



(DIRECTOR and CEO)

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Annexure A

You shall be governed by the following terms and conditions of service during your internship with ISMO, and those may be amended from time to time.

1. You are being hired as **Industrial Intern** and Mr. Ikram Khan would be your Reporting Manager and Mentor during the internship.
2. Your date of joining is 06-Oct-2021 and the duration of the internship would be for duration of 5 weeks. During this time you are expected to devote your time and efforts solely to our work. You are also required to let your mentor know about forthcoming events (if there are any) in advance so that your work can be planned accordingly.
3. All the work that you will produce at or in relation to ISMO will be the intellectual property of ISMO. You are not allowed to store, copy, sell, share, and distribute it to a third party under any circumstances. Similarly you are expected to refrain from talking about your work in public domains (both online such as blogging, social networking site and offline among your friends, college etc.) without prior discussion and approval with your mentor.
4. We take data privacy and security very seriously and to maintain confidentiality of any students, customers, clients, and companies' data and contact details that you may get access to during your internship will be your responsibility. We operate on **zero tolerance** principle with regard to any breach of data security guidelines.
5. At the completion of the internship you are expected to hand over all the work/data stored on. Handover your Personal Computer to your mentor and any data of the venture will be deleted from your machine.
6. During the appointment period you shall not engage yourselves directly or indirectly or in any capacity in any other organization (other than your college). In the event of breach of this condition, this appointment is liable to be terminated forthwith by the company. In addition, you shall be liable to pay liquidated damages to the Company of an extent estimated by the Company.
7. Under normal circumstances either the company or you may terminate this association by providing a notice of 30 days without assigning any reason. However, the company may terminate this agreement forthwith under situations of in-disciplined behavior.
8. You are expected to conduct yourself with utmost professionalism in dealing with your mentor, team members, colleagues, clients and customers and treat everyone with due respect.
9. ISMO is a start up and we love people who like to go beyond the normal call of the duty and can think out of the box. Surprise us with your passion, intelligence, creativity and hard work – and expect appreciation & rewards to follow.
10. You will be provided no stipend for this internship.

ISMO Bio-Photonics Private Limited

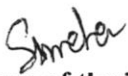
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I have negotiated, agreed, read and understood all the terms and conditions of this Internship letter as well as Annexure hereto and affix my signature in complete acceptance of the terms of the letter.


Signature of the intern

Date:10/05/2021

Ms. KAVITHA K,

St. Annes College of Engg.,

arul kavil101999@gmail.com

Dear Shariq Ibrahim,

I am delighted & excited to welcome you to ISMO Bio-Photonics Pvt. Ltd. as an **Intern**.

At our company, we believe that our team is our biggest strength and we take pride in hiring **ONLY** the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly *meaningful* internship experience with ISMO.

Your appointment will be governed by the terms and conditions presented in the **Annexure A**. We look forward to you joining us. Please do not hesitate to call us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us. Congratulations!

For ISMO Bio-Photonics Pvt. Ltd



(DIRECTOR and CEO)

Annexure A

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3. All the work that you will produce at or in relation to ISMO will be the intellectual property of ISMO. You are not allowed to store, copy, sell, share, and distribute it to a third party under any circumstances. Similarly you are expected to refrain from talking about your work in public domains (both online such as blogging, social networking site and offline among your friends, college etc.) without prior discussion and approval with your mentor.
4. We take data privacy and security very seriously and to maintain confidentiality of any students, customers, clients, and companies' data and contact details that you may get access to during your internship will be your responsibility. We operate on **zero tolerance** principle with regard to any breach of data security guidelines.
5. At the completion of the internship you are expected to hand over all the work/data stored on. Handover your Personal Computer to your mentor and any data of the venture will be deleted from your machine.
6. During the appointment period you shall not engage yourselves directly or indirectly or in any capacity in any other organization (other than your college). In the event of breach of this condition, this appointment is liable to be terminated forthwith by the company. In addition, you shall be liable to pay liquidated damages to the Company of an extent estimated by the Company.
7. Under normal circumstances either the company or you may terminate this association by providing a notice of 30 days without assigning any reason. However, the company may terminate this agreement forthwith under situations of in-disciplined behavior.
8. You are expected to conduct yourself with utmost professionalism in dealing with your mentor, team members, colleagues, clients and customers and treat everyone with due respect.
9. ISMO is a start up and we love people who like to go beyond the normal call of the duty and can think out of the box. Surprise us with your passion, intelligence, creativity and hard work – and expect appreciation & rewards to follow.
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I have negotiated, agreed, read and understood all the terms and conditions of this Internship letter as well as Annexure hereto and affix my signature in complete acceptance of the terms of the letter.

Signature of the intern

Kavitha

Date:10/05/2021

Ms. Senthamizhselvi P,

St. Annes College of Engg.,

senthamizhselvi.p436@gmail.com

Dear Senthamizhselvi P,

I am delighted & excited to welcome you to ISMO Bio-Photonics Pvt. Ltd. as an **Intern**.

At our company, we believe that our team is our biggest strength and we take pride in hiring **ONLY** the best and the brightest. We are confident that you would play a significant role in the overall success of the venture and wish you the most enjoyable, learning packed and truly *meaningful* internship experience with ISMO.

Your appointment will be governed by the terms and conditions presented in the **Annexure A**. We look forward to you joining us. Please do not hesitate to call us for any information you may need. Also, please sign the duplicate of this offer as your acceptance and forward the same to us. Congratulations!

For ISMO Bio-Photonics Pvt. Ltd



(DIRECTOR and CEO)

Annexure A

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3. All the work that you will produce at or in relation to ISMO will be the intellectual property of ISMO. You are not allowed to store, copy, sell, share, and distribute it to a third party under any circumstances. Similarly you are expected to refrain from talking about your work in public domains (both online such as blogging, social networking site and offline among your friends, college etc.) without prior discussion and approval with your mentor.
4. We take data privacy and security very seriously and to maintain confidentiality of any students, customers, clients, and companies' data and contact details that you may get access to during your internship will be your responsibility. We operate on **zero tolerance** principle with regard to any breach of data security guidelines.
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ISMO Bio-Photonics Private Limited

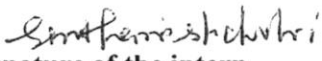
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I have negotiated, agreed, read and understood all the terms and conditions of this Internship letter as well as Annexure hereto and affix my signature in complete acceptance of the terms of the letter.


Signature of the intern



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(An ISO 9001: 2015 Certified Institution)

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

INTERNSHIP NAME LIST

ISMO BIO-PHOTONICS PVT. LTD , IIT MADRAS RESEARCH PARK, CHENNAI

| S. NO | DURATION | STUDENT NAME | DEPT | YEAR/ SEM | SIGNATURE |
|-------|-------------------------------|-------------------|------|-----------|------------------------|
| 1 | 6.10.2021 to 11.10.2021 | SINEKA R | ECE | IV/VII | <i>Sineka</i> |
| 2 | 6.10.2021 to 11.10.2021 | KAVITHA K | ECE | IV/VII | <i>Kavitha</i> |
| 3 | 6.10.2021 to 11.10.2021 | SENTHAMIZHSELVI P | CSE | IV/VII | <i>Senthamizhselvi</i> |

R. Arghavadas

DR. R. ARGHAVADAS, M.E., Ph.D.
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivurathur (West), Panruti (T.E.),
Cuddalore (Dist), Pin: 607 110.



Date: 20/06/22

TO WHOMEVER IT MAY CONCERN

This is to certify that **Ms. SINEKA RAMAMOORTHY** (422118106020) from **St. Anne's college of Engineering and Technology** has successfully completed her Project on "**Precision Automated Syringe Pump System**" for the month of April 2022 to June 2022 with ISMO Bio-Photonics Pvt Ltd, IIT Madras Research Park.

A handwritten signature in black ink, appearing to read "Ikram Khan S I".

Ikram Khan S I
CEO and Director,
ISMO Bio-Photonics Pvt Ltd

| Email: ikram@ismobiophotonics.com
| www.ismobiophotonics.com



ISMO Bio-Photonics Pvt Ltd
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Tamil Nadu, IN 600097
CIN: U33119TN2020PTC137798



Date: 20/06/22

TO WHOMEVER IT MAY CONCERN

This is to certify that **Ms. KAVITHA K** (422118106302) from **St. Anne's college of Engineering and Technology** has successfully completed her Project on **"PCB Designing using ORCAD"** for the month of April 2022 to June 2022 with ISMO Bio-Photonics Pvt Ltd, IIT Madras Research Park.

A handwritten signature in black ink, appearing to read "Ikram Khan S I".

Ikram Khan S I
CEO and Director,
ISMO Bio-Photonics Pvt Ltd

Email: ikram@ismobiophotonics.com
www.ismobiophotonics.com



ISMO Bio-Photonics Pvt Ltd

3rd Floor, IITM Research Park, No.1,
Kanagam Rd, Tharamani, Chennai,
Tamil Nadu, IN 600097

CIN: U33119TN2020PTC137798



Date: 20/06/22

TO WHOMEVER IT MAY CONCERN

This is to certify that **Ms. SENTHAMIZHSELVI.P** (422118104018) from **St. Anne's college of Engineering and Technology** has successfully completed her Project on **"Web Design using AWS"** for the month of April 2022 to June 2022 with ISMO Bio-Photonics Pvt Ltd, IIT Madras Research Park.

A handwritten signature in black ink, appearing to read "Ikram Khan S I".

Ikram Khan S I
CEO and Director,
ISMO Bio-Photonics Pvt Ltd

| Email: ikram@ismobiophotonics.com
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ISMO Bio-Photonics Pvt Ltd

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INTERNSHIP

**ISMO BIO-PHOTONICS PVT. LTD,
IIT MADRAS RESEARCH PARK,
CHENNAI**

Objective

The aim of the in-plant training in **ISMO BIO-PHOTONICS PVT. LTD, IIT Madras Research Park, Chennai** is to gain knowledge about basic electrical and Electronics circuit design and PCB design. To gain the knowledge of Medical image processing technologies and to explore the industrial procedures on image processing.

The goal of the internship is to make the students to gain the confidence of professional development.

Outcomes

- Students learn about basics of Electronics
- Students learn about Circuit design
- Students learn about PCB
- To learn about medical image processing and medical electronics
- Students will gain the confidence on project development

R. Arukiadass

Dr. R. AROKIADASS, M.E., PH.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
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INTERNSHIP REPORT

COMPANY NAME: ISMO BIO-PHOTONICS PVT. LTD
IIT MADRAS RESEARCH PARK
CHENNAI

About Company:

An innovation based company to focus on developing quality products for cell culture, imaging, diagnosis devices, Fiber lasers and sensors. Mr Ikram , Founder, ISMO is an alumnus of Indian Institute of Technology Madras (IITM) in Opto-electronics and a Visiting Research Fellow at Surs Lab, Massachusetts Institute of Technology (MIT), Cambridge, USA. He is passionate about inventing technologies related to medical diagnostics and treatment with his interdisciplinary scientific skills and first principle thinking.

Activity:

This company is producing low-cost 3D printed microfluidic bioreactor and imaging chamber for live-organoid imaging. Their cutting-edge micro-incubator enables in-vitro organoid growth and medication delivery. Their gadget allows for in-situ imaging and can be used with any standard microscope. To accelerate drug screening, this device offers protocol automation and IOT-enabled data monitoring and control from anywhere in the globe.

Benefits of Internship:

- Students gained Knowledge on Electric circuit design
- Confidence on Industrial work
- Explored the technology on Medical Electronics and Image processing
- Undergone training in PCB Design

R. Arukiadass
D.R. ARUKIADASS, M.E., Ph.D.
Principal
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Srinagar (Post), Panruti (T.M.)
Cuddalore (Dist), Pin: 607 116