

**Agreement for Research and Training Collaboration**

**Exchanged by**

**Anand International, Surat, Gujarat, India**

**and**

**Uka Tarsadia University, Surat, Gujarat, India**

**September 28, 2018**

The signees to the agreement and willing participants of the proposed collaboration are:

**Anand International**, having its Electron Beam Irradiation Unit at A-35, Ichchapor GIDC, Surat Hazira Road, Surat – 394510, Phone No. +91 261-2977040 represented by Head, Alpeshkumar B Dhameliya, e-mail: head@anandebeam.com and Corporate Office at BC-5010/B-1, Bharat Diamond Bourse, G-Block, Bandra Kurla Complex, Bandra (E), Mumbai – 400051, Maharashtra, India, Phone: +91 22-23628508, Fax: +91 22-23628507; represented by Partner: Mr. Manish P. Jivani.

**And,**

**Uka Tarsadia University**, established under Gujarat Private University (Amendment) Act No. 25 - 2011 Government of Gujarat and approved under section 22 of UGC Act 1956, situated at Maliba Campus, Gopal Vidyanagar, Bardoli-Mahuva Road, Tarsadi - 394 350, Tal: Mahuva, Dist: Surat, Gujarat, India. Uka Tarsadia University represented by: Mr. Kirit Patel (Vice-President) Uka Tarsadia University, email: kirit.patel@utu.ac.in.

Recognizing their common interest as well as complementarities in facilities and expertise for research and training both signees of this agreement, Anand International (referred as Anand) and Uka Tarsadia University (referred as UTU), confirm that they are willing to carryout collaborative research for undermentioned subjects.

Sr. No.	R & D Subjects
1	Ethanol Production
2	Waste Water Treatment
A	Sewage Waste Water Treatment



B	Textile/Dying Industries Waste Water Treatment
3	Solid Waste Treatment
A	Agricultural and Perishable Waste Management and Utilization
B	City/Urban Waste
C	Industrial Waste
4	Polymer Development
A	Solar Cable Compound
B	Railway Cable Compound
C	Automotive Cable Compound
D	Ship Board Cable Compound
5	Food Irradiation Treatment for Food Preservation and Food Security
6	Sterilization of Medical Product
7	Bio-Medical Waste Treatment
8	Bio-Medical Waste Ash Treatment
9	Flue Gas Treatment by Electron Beam
10	Rubber Pre Vulcanization Through Electron Beam
11	Wound Dressing Hydrogel Manufacturing by Electron Beam
12	Any other, which will identify over the period of time

**SCOPE:**

1. To develop joint project proposals to carry out collaborative research.
2. To jointly carry out technology development on the leads for industrial application and seek financial opportunities wherever feasible to enable this mutual collaboration between them.
3. To facilitate industrial training of students/scholars of UTU on project mode in the areas of research and technology falling within mandate of Anand.
4. To facilitate specific laboratory work and experiments by Anand's R & D Staff/Associates in the UTU facilities/laboratories in their campus and vice-versa.
5. Both organizations agree to identify each other as collaborators through their websites and print materials as agreed upon by both mutually and to establish and develop linkages with researchers, academicians and industrial scientists in specific interest areas.
6. To develop, license, sub-license, inventions, patents, scientific and technical knowhow, formulas, processes, information skills, models and designs arising out of the scientific research carried out in the institute and to plough back any financial compensations arising out of this for the development of the PPP mode projects.
7. The Parties undertake not to disclose any materials exchanged in the course of the Proposal Preparation to third parties.





8. Students and Researcher of UTU should be maintaining confidentiality of the work carried out by Anand during their visit.
9. Students and Researcher should obey all rules and regulation of the Anand, that will be given separately.
10. On any research, if irradiation process is required on any ongoing scientific research, machine will be available on Saturday only after prior information.
11. Prima facie Anand will support with the technical know on the concept of Irradiation on different application.
12. Any successful research/ invention/ models/ design arising out of scientific research carried out between UTU and Anand, the same will be patented in the name of Anand International and Uka Tarsadia University.

Both signees acknowledge that this list is not exhaustive and may be expanded or modified over time as new scientific insights and priorities arise. The signees will periodically review the progress of their joint search for financial opportunities to establish mutual collaboration and make further recommendations and advice if and how to progress with this. If one or both signees wish to nullify this letter of intent, he/she shall inform the other signee of his/her intent.

Anand and UTU do not intend to establish legal relations by the signing of this agreement of intent. The sole purpose of this letter is to develop and implement research and technology projects of mutual interest for which the signees wish to seek financial means so that they can collaborate and cooperate with each other in these areas.

#### **VALIDITY OF AGREEMENT**

This Collaboration agreement shall come into force on the date of its signature and shall remain in force for initially one year. This agreement if required shall be reviewed after six months for some necessary addition or deletion that needs to be done. Agreement can be extended or curtailed with mutual consent of both parties.



**CONTACT PERSONS**

**1. FOR ADMINISTRATIVE MATTERS:**

<b>ANAND INTERNATIONAL</b>	<b>UKA TARSADIA UNIVERSITY</b>
<p>Mr. Alpeshkumar B Dhameliya, Head, E-Beam Facility A-35, Ichchhapor GIDC, Surat Hazira Road, Surat-394510, E-mail: <a href="mailto:anandgemcab@gmail.com">anandgemcab@gmail.com</a> Phone: +91 261-2977040</p>	<p>The Registrar, Uka Tarsadia University, Maliba Campus, Bardoli- Mahuva Road, BARDOLI-395350, GUJARAT, INDIA E-mail: <a href="mailto:registrar@utu.ac.in">registrar@utu.ac.in</a> Mobile: +91 9727600015</p>

**2. FOR GENERAL AND SUBJECT TECHNICAL MATTERS:**

<b>ANAND INTERNATIONAL</b>	<b>UKA TARSADIA UNIVERSITY</b>
<p>Mr. Ravikumar Mangukiya A-35, Ichchhapor GIDC, Surat Hazira Road, Surat-394510, Email: <a href="mailto:rnd@anandebeam.com">rnd@anandebeam.com</a> Phone: +919898640114</p>	<p><b><u>ENGINEERING AND TECHNOLOGY</u></b> 1. Mr. Lalaji N. Godhani, Asst. Professor, MED, C. G. Patel Institute and Technology Mob. 9274521497, Email: <a href="mailto:lalaji.godhani@utu.ac.in">lalaji.godhani@utu.ac.in</a>,  2. Mr. Krishna R. Patel, Asst. Professor, MED, C. G. Patel Institute and Technology Mob. 9377697702, Email: <a href="mailto:krishna.patel@utu.ac.in">krishna.patel@utu.ac.in</a>,  <b><u>LIFE SCIENCE</u></b> Director, C G Bhakta Institute of Biotechnology, Faculty of Science Mob.9825349279, Email:<a href="mailto:director.cgbibt@utu.ac.in">director.cgbibt@utu.ac.in</a>  <b><u>CHEMISTRY</u></b> Director, Department of Chemistry Mob.9413805777, Email: <a href="mailto:director.dchem@utu.ac.in">director.dchem@utu.ac.in</a></p>





Agreed and Approved by authorized signatories (management) of the collaborating organizations:

**For Anand International**  
**For ANAND INTERNATIONAL**



**PARTNER**

Mr. Manish P Jivani  
(Partner)

**For Uka Tarsadia University**



Mr. Kirit Patel

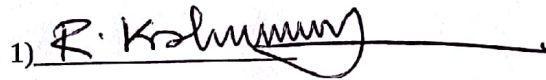
(Vice-President, UTU)  
Vice-President  
UKA Tarsadia University  
Maliba Campus, Gopal Vidyanagar  
Bardoli-Manuva Road,  
Di. Surat, Gujarat (INDIA)

**Witness**

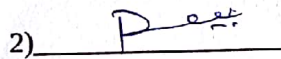
1) 

Mr. Alpesh B Dhameliya  
(Head)

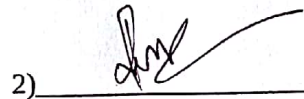
**Witness**

1) 

Dr. R. Krishnamurthy  
(Director – C. G. Bhakta Institute of  
Biotechnology)

2) 

Mr. Ravi A Mangukiya  
(Manager, R & D)

2) 

Dr. Rajkumar Patil  
(Director – C. G. Patel Institute of  
Technology)

Date: 28, September 2018

