

 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R, I & E
	KI 3.3	M 3.3.1

3.3.1	Institution has created an ecosystem for innovations, Indian Knowledge System (IKS) including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of technology/knowledge and the outcomes of the same are evident
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AY – 2019-2020



Registrar
Atmiya University

Atmiya University, Rajkot-Gujarat-India



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MoU on
Mutual Academic Capacity Building
between
Atmiya University, Rajkot, India
and the
University of Miyazaki, Japan



Atmiya University, Rajkot India, and University of Miyazaki, Japan, are signing this Agreement in order to promote academic exchanges in education and research.

1. Under the existing law and other government rules and regulations of each country, both universities agree for mutual academic capacity building in various areas of education and research on the basis of equality and reciprocity:

- (1) Exchange of researchers and other research staff
- (2) Conducting collaborative research projects and organizing symposia
- (3) Exchange of research data and materials of joint research work
- (4) Exchange of research students & research scholars
- (5) Exchange of administrative staff
- (6) Co-Guideship by faculty members
- (7) Joint consultancy

2. Specific details on the development and implementation of particular exchanges noted above shall be negotiated and agreed between both universities, and carried out in accordance with the memorandum.

3. Expenses to be incurred in the implementation of this Agreement shall be the responsibility of each university, unless another arrangement is agreed upon by both universities.

4. Neither university shall be liable for any failure or delay to perform its part of this Agreement when such failure is due to Act of God, war, armed conflict, civil disturbance, legal restrictions, riots, insurrections, strikes, an earthquake, flood, fire, pandemic disease or any cause beyond the control of the universities; provided that a written notice of the commencement and cessation of the circumstances excusing performance shall be submitted as quickly as possible.

5. This Agreement shall not be construed as any transfer assignment or infringement of any intellectual property rights between the two universities, unless joint research work is done. Any necessary assignment or transfer of intellectual property rights or materials will be decided by the department involved at each institution and carried out in accordance with a separate agreement or contract, based on strict compliance with the relevant laws and treaties of the country concerned.

6. This Agreement will remain in effect for 5 (five) years from the date of signing, and is renewable thereafter for further five-year terms subject to mutual consent. This Agreement may be terminated by either university at any time by providing the other university with 6 (six) months notice (in writing) of the intent to terminate. This Agreement may be altered by mutual written consent of both universities at the request of either

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Atmiya University
Rajkot





**ATMIYA
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university. Modifications of the Agreement shall not become effective until they are agreed upon in writing by both universities.

7. This agreement shall be governed by and construed in accordance with the laws of India or Japan depending on where the implementation of the Agreement will take place. Each exchange participant shall be made aware that in a case where he or she violates the laws of the host country, the host university shall bear no responsibility for the person's actions.

8. This Agreement will be written in English, and each university will keep one copy. Any translation in any other language shall be for reference only and shall not bind the parties.

VIII. Annual Joint Seminar/ Conference/ Workshop/ Symposia hosted in alternate years by each university.

Atmiya University

University of Miyazaki

India

Japan

Chancellor: Dr. Swami Thaygavallbah Das

Tsuyomu Ikenoue
President: Tsuyomu Ikenoue, MD, Ph.D.

Date: 14 August, 2019

Date: 8 August, 2019

Keisuke Murakami
Vice President (International Affairs):
Keisuke Murakami, Ph.D.

Date: 14 August, 2019

[Signature]

**Registrar
Atmiya University**

Atmiya University Rajkot-Rajkot-Gujarat-India





**ATMIYA
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MoU on
Mutual Capacity Building of Students
between
Atmiya University, Rajkot, India
and the
University of Miyazaki, Japan



Atmiya University, Rajkot, India, and University of Miyazaki, Japan, are signing this agreement in order to promote mutual capacity building of students. The scope of this agreement will be but not limited to the following:-

1. Faculty led short term credit/ non credit courses for international immersion within or not in the curriculum.
2. One semester curriculum based immersions/for one year
3. Online courses
4. Guest Lectures
5. Online language courses viz. Japanese for Indian Students & English for Japanese students.

1. Duration of Stay

Duration of stay for students of both universities shall not exceed one year; however, an extension of up to an additional year is possible with the consent of both universities.

2. Number of Exchange Students

The number of exchange students participating from each university shall be determined by the mutual consent of the participating universities on a case by case basis and may vary in any given year.

3. Enrollment of Exchange Students

1. Students of Atmiya University will be registered as special audit students or special research students at University of Miyazaki and can attend lectures, seminars and tutorials.
2. Students of University of Miyazaki will be registered as audit students at Atmiya University and can attend lectures, seminars and tutorials.
3. Participating students will be subjected to the regulations of the host university.

4. Selection of Exchange Students

As a principle, both universities will select students for whom the host university can provide a suitable academic curriculum with an appropriate adviser for the students' major field of study.


**Registrar
Atmiya University**

Atmiya University, Rajkot, Gujarat-India





5. Study Program

Exchange students will determine their study program at the host university in consultation with an academic adviser from their home university. The host university will evaluate their academic performance according to its own rules.

6. Academic Record and Accreditation

Exchange students will submit to the home university the academic record, certificate or diploma (or equivalent) obtained at the host university. The home university will accredit them according to its own rules.

7. Tuition Fees

Exchange students shall pay normal tuition and other fees to their home university in accordance with that university's rules and regulations. Each host university shall waive examination, matriculation, and tuition fees for exchange students, except intensive language courses.

8. Accommodation

The host university will assist students in finding accommodation at a reasonable cost.

9. Financial Responsibility

Exchange students will be responsible for their own expenses including travel expenses, accommodation costs and health insurance fees.

10. Insurance

Exchange students shall arrange for health insurance that provides coverage during the extent of their overseas stay, regardless of its length.

11. Obligation of Students to Return Home on Completion of Their Studies

Upon completion of an exchange student's studies at the host university, the exchange student shall return to the home university without fail. No extension of stay shall be permitted without the express authorization of the home university to the contrary.

12. Expulsion of Students

Each university reserves the right to expel any exchange student at any time for academic or personal misconduct in violation of its established regulations. Such expulsion shall first be discussed and agreed upon by both universities.

13. Duration and Amendment

This Memorandum will remain in effect for 5 (five) years from the date of signing, and is renewable

Registrar

Atmiya University





thereafter for further five-year terms subject to mutual consent. This memorandum may be terminated by either university at any time by providing the other university with 6 (six) months notice (in writing) of the intent to terminate. This Memorandum may be altered by mutual written consent of both universities at the request of either university. Modifications of the Memorandum shall not become effective until they are agreed upon in writing by both universities.

14. Laws

This Memorandum shall be governed by and construed with in accordance with the laws of India or Japan depending on where the implementation of the Memorandum on Student Exchange will take place. Each exchange student shall be made aware that in a case where he or she violates the laws of the host country, the host university shall bear no legal responsibility for the person's actions.

15. Language of this Memorandum

This Memorandum will be written in English, and each university will keep one copy. Any translation in any other language shall be for reference only and shall not bind the parties.

Atmiya University, Rajkot
India

University of Miyazaki
Japan

Chancellor: Dr. Swami Thaygavallbah Das

Date: 14 August, 2019

President: Tsuyomu Ikenoue, MD, Ph.D.

Date: 8 August, 2019

Vice President (International Affairs):
Keisuke Murakami, Ph.D.

Date: 14 August, 2019

Registrar
Atmiya University





**ATMIYA
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CERTIFICATE

This is to certify that JADEJA MANSI SANJEEVSINGH completed the research studies as special research student under my supervision from 1st Feb. 2020 till 27th May 2020.

*Dr. Harishikumar Madhyastha
Department of Applied Physiology
Faculty of Medicine
University of Miyazaki
MIYAZAKI - 8891692
Japan.*



Phone: +81-985-851785
Fax: +81-985-985-857932
Email: hkumar@med.miyazaki-u.ac.jp

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Atmiya University**

Atmiya University, Rajkot-Gujarat-India





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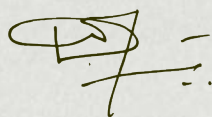
CERTIFICATE

This is to certify that KATHRIYA SHIVANGI JAYESHBHAI completed the research studies as special research student under my supervision from 1st Feb. 2020 till 27th May 2020.


Dr. Harishkumar Madhyastha
Department of Applied Physiology
Faculty of Medicine
University of Miyazaki
MIYAZAKI - 8891692
Japan.



Phone: +81-985-851785
Fax: +81-985-985-857932
Email: hkumar@med.miyazaki-u.ac.jp



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Atmiya University Rajkot-Rajkot-Gujarat-India



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CERTIFICATE

This is to certify that DEVMURARI VISHVRAJ VIJAYBHAI completed the research studies
as special research student under my supervision from 1st Feb. 2020 till 27th May 2020.

Dr. Harishkumar Madhyastha
Department of Applied Physiology
Faculty of Medicine
University of Miyazaki
MIYAZAKI - 8891692
Japan.



Phone: +81-985-851785
Fax: +81-985-985-857932
Email: hkumar@med.miyazaki-u.ac.jp

**Registrar
Atmiya University**

Atmiya University, Rajkot-Gujarat-India





**ATMIYA
UNIVERSITY**

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M 3.3.1

Date: 25- 7-2019

To
The Registrar,
Atmiya University
Rajkot

Subject: Regarding issue of NOC for joining Sakura Science Exchange Programme.

Respected Sir,
Namaste!

I am happy to inform you that I **Dr. Shivani Patel** got selected in the JAPAN-ASIA Youth Exchange Programme - Sakura Programme in Science and Technology. The programme is scheduled for 7 days from 2nd September to 8th September 2019. It is the program for enhancing EXCHANGES BETWEEN ASIA AND JAPAN of the youths who will play a crucial role in the future field of science and technology through the close collaboration of industry-academia-government by facilitating short-term visits of competent Asian youths to Japan.

To apply for JAPAN VISA process **No Objection Certificate** from the current institute is required. Hence you are hereby requested to kindly issue the NOC letter for the same.

Hope you will very kindly accede to the request and will do the needful.

Thanking you

Dr. Shivani Patel
Head, Dept of Biotechnology & Microbiology
Faculty of Science, Atmiya University
Rajkot

Registrar

Atmiya University

Atmiya University Rajkot-Gujarat-India





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ATMIYA® UNIVERSITY

Yogidham Gurukul, Kalawad Road
Rajkot - 360005, (Gujarat) INDIA

दं सर्वभूतानाम्

No/RT/FIP/Japan/Biotech

Date 26-7-19

No Objection Certificate

Whomsoever it may concern

1. This is to certify that Dr. Shivani Patel (D/o Mahendrakumar Patel) is a permanent employee and working as Head of the Department of Biotechnology, Atmiya University, Rajkot from 01-06-2000 onwards.
2. The University has no objection for her visit and participation in SAKURA SCIENCE exchange programme for the period from September 1, 2019 to September 9, 2019 sponsored by JST, Agency, Japan. The Japan Science & Technology Agency, Japan is meeting all the expenses towards Airfare (both ways), Boarding, Lodging and other fees etc., The period of absence will be treated as on duty.
3. The details of passport is furnished below :

Name : Dr. Shivani Patel
Father's Name : Mahendrakumar Patel
Passport No. L9531006
Date of Issue: 22/05/2014
Date of Expiry: 21/05/2024

Signature of the individual



Shivani

Received
Shivani
26/7/19

Shivani
Registrar
26/7/19

+91-Registrar +91-281-2563952 info@atmiyauni.net

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Atmiya University Rajkot-Gujarat-India



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Date : 25-07-2019

Dear Dr. Shivani Patel,

1. Kindly refer your email request for issue of No Objection Certificate (NOC) for academic visit to Japan.
2. You are advised to confirm the conditions as given below before an NOC is issued in the form of an Undertaking as appended below.

UNDERTAKING FOR FOREIGN VISIT

I assure Atmiya University that I shall abide by the following guidelines in respect of foreign visit by an employee of Atmiya University:-

- a. That my period of stay in host country will not exceed 8th Sep 2019 (the date of departure) for India.
- b. That I shall declare the honorarium received from host organization.
- c. That I shall not take up work in the host country after the academic visit.
- d. That I shall prepare and present a report on the proceedings of the academic activity on arrival at Atmiya University.
- e. That I understand Atmiya University makes no financial commitment connected to travel / stay or any other expenses in the host country.

Date: 26/7/19

Place: Rajkot

Signature of Applicant

**Registrar
Atmiya University**

Atmiya University Rajkot-Gujarat-India





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SAKURA SCIENCE PROGRAMME -2019

1st to 8th September 2019

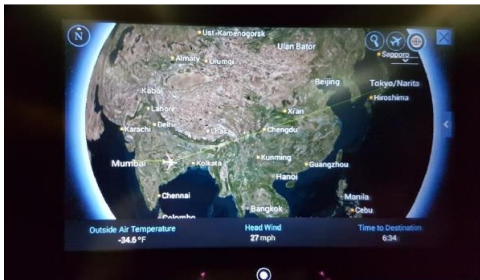
Dept. of Applied Physiology

Faculty of Medicine, UOM, Japan



Mumbai to Tokya → Miyazaki

Day 0- 1st Sep 2019



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Atmiya University

Atmiya University Rajkot Rajkot-Gujarat-India





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Check in- Hotel Sky Tower, Miyazaki

Day1- 2nd Sep 2019



Welcome Dinner at Munna Indian Restaurant

Way from Miyazaki Station to University of Miyazaki

Day 2 - 3rd Sep 2019



行先	宮崎駅 Miyazaki Station	宮崎神宮 Miyazaki Shrine	神宮・古賀病院 Miyazaki Shrine Koga Hospital	宮交シティ Miyako City
18	1	22	105	200
04:18:39.49	06:35			
18:35:44	05:35			
06:13:43.49.56	05:40			59
16:43:49.53.59	05:40			59
14:33:36.49.56	05:35	09	03	34.40
13:22:33.36.49	05:19.35	08:39	23	
23:33:49		28:39		10.34
19:33:56.59		08:46		19.59
03:43:44.46		05:28.39		
03:06:37.43.54.59		08:36.46	03	
23:49:53	04	28	23.58	09.14
01:23:48	04	08.48		34.39.39
12:18				39
09		04.49		
01:01				





**ATMIYA
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Day 2 - 3rd Sep 2019

Orientation Programme



Day 2 - 3rd Sep 2019

Meeting with Dean of Research UOM Japan



Dr Hirogati Kataoka



**Registrar
Atmiya University**

Atmiya University, Rajkot-Gujarat-India

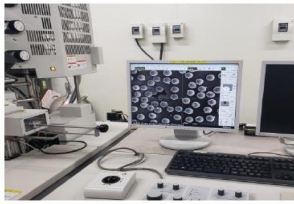
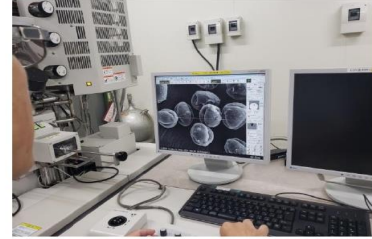




Day 2 - 3rd Sep 2019

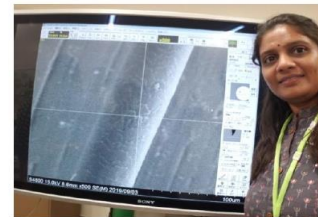
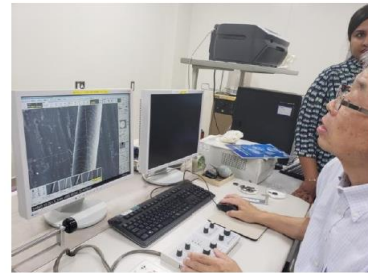
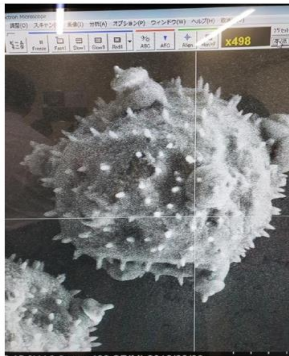
Hands of Experience- EM(SEM)

- Mr. Goto



Day 2 - 3rd Sep 2019

Hands of Experience- EM(SEM)



Analysis of Hair Samples

**Registrar
Atmiya University**

Atmiya University, Rajkot-Gujarat-India

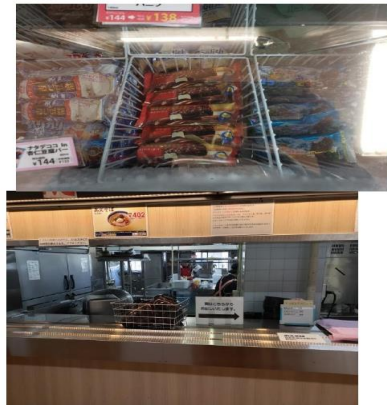




Day 2 - 3rd Sep 2019



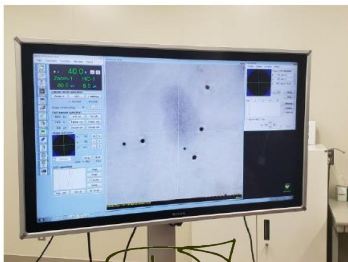
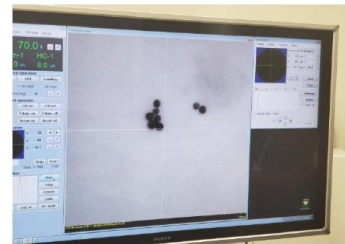
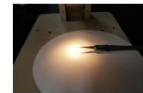
Lunch at Canteen UOM Japan



Day 2 - 3rd Sep 2019

Hands of Experience- EM(TEM)

- Dr. Harish Madhyastha



Analysis of Nanoparticles- Au, Ag, Zn, Fe

**Registrar
Atmiya University**

Atmiya University, Rajkot-Gujarat-India





Day 2 - 3rd Sep 2019

AU-UOM Collaboration Meeting

Dr. Murakami Keisuke, VP
International Affairs, Global Support
Office, UOM, Japan



Meet **Prof. Murakami** in his office and discussed on the various student exchange programs.

- ✓ It is possible to invite up to 5 students (masters or Ph.D.) to UOM to register as exchange student.
- ✓ UOM will waive tuition and enrolment fee, however, interested candidate has to pay international airfare (around ₹ 110000, dormitory fee (₹ 4500 to ₹ 28000 per month based on type and availability of dormitory) and health insurance (1400₹ / month) and food expenses (max ₹ 15000/month).
- ✓ Prof. Murakami will prepare the data base of various professors of engineering and agriculture faculties.
- ✓ Dr. Madhyastha will prepare the profile of medical faculties professors.
- ✓ As first step interested candidate will search the suitable host and establish the contact and later GSO would facilitate further steps to be taken

Prof. Murakami answered the quires of the student

• What is the procedure to apply for Ph.D. or Masters programe?

There are 2 rounds of admissions to above programe. One is April admission and second one is October admission. Student has to contact UOM international office well in dance (6 month before) through email, ryugaku@of.miyazaki-u.ac.jp copy to hkumar@med.miyazaki-u.ac.jp

• Is any scholarship available for it or not ?

Government of Japan has MEXT scholarship through Japanese embassy at New Delhi. Or otherwise some private scholarship is also available based on the seniority of the students. Dr. Madhyastha will send the details of scholarship soon to Atmiya.

• For students having no scholarship are to do part time job?

Yes, possible but basic Japanese language knowledge is required.

• Will students interested in joining summer/winter course get any tuition fee waiver?

Summer and winter courses are different aspects all together. There is separate course fee and other details are available in following link: <http://www.of.miyazaki-u.ac.jp/~kokusai/english/index.html>

• If joining any course in UOM do has to pay tuition fee in both university?

No, student has to pay tuition fee to parent university. However maximum 5 students get tuition fee exemption.

• Can PG Sem III students apply for dissertation in UOM ? (only for 1-3 months duration?)

Yes, it is possible under MOU guidelines as SAP plan.

Registrar
Atmiya University





Day 2 - 3rd Sep 2019

AU-UOM Collaboration Meeting

Dr. Yasuyuki Kanaoka,

Faculty of Regional Innovation and Founder of Japan- Togo Friendship Association & Chairman



In loop **Prof. Murakami** introduced MBA **Prof. Yasuyuki Kanaoka** to have trans boundary intra university regional innovation project towards Atmiya university. A village adaption model will be implemented in Gujarat, to establish the sister city concept. UOM will search suitable funding agency from Japan to Atmiya. The theme of the project would be local inelegancy towards social management and society improvement.



Day 3 – 4th Sep 2019

Meeting with **Dr Masugi Maruyama** Professor and Chairman Faculty of Medicine UOM



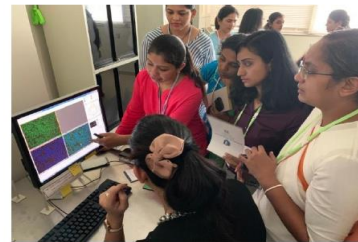
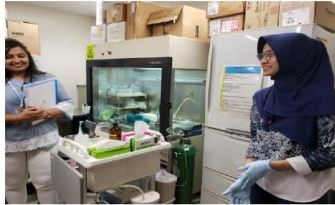
**Registrar
Atmiya University**





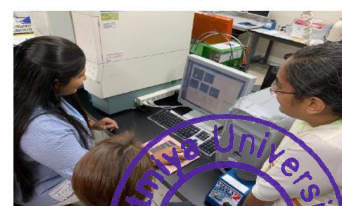
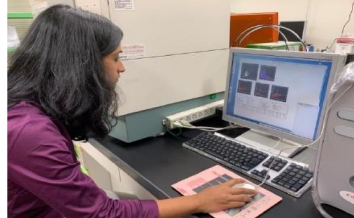
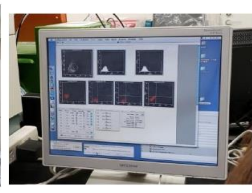
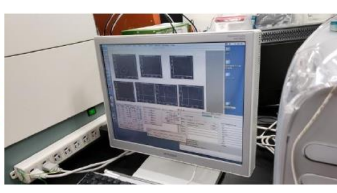
Day 3 – 4th Sep 2019

Hands on- Fluorescent Microscopy



Day 3 – 4th Sep 2019

Hands on- FACS Fluorescence Assisted Cell Sorter





Day 3 – 4th Sep 2019

Hands on- Observation under Confocal Microscopy



Day 3 – 4th Sep 2019

AU-UOM Collaboration Meeting

Dr. Kawazumi Kyosuke
Associate Professor , JICA
UOM Japan



Meeting with **Dr. Kawazumi**, **JICA** Professor on the student exchange project. He informed that JICA does not have special project for student exchange however, he advised to search in Japan foundation grant for student exchange.

Registrar
Atmiya University





**ATMIYA
UNIVERSITY**

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Day 4 – 5th Sep 2019

Meeting with President & Executive Director, UoM, Japan



UOM, KIBANA CAMPUS



**Dr Ikenoue President
University of Miyazaki**

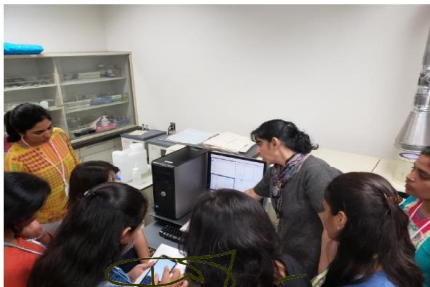
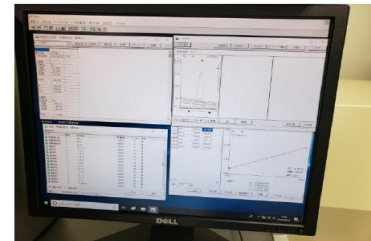


**Dr. Date,
Executive Director
University of Miyazaki**



Day 4 – 5th Sep 2019

DEMONSTRATION & THE USE OF ICPS (ION COUPLED PLASMA SPECTROSCOPY) / EDAX FOR CHEMICAL ANALYSIS OF ARSENIC.



**Registrar
Atmiya University**

Atmiya University, Rajkot-Gujarat-India





AU-UOM Collaboration Meeting

Day 4 – 5th Sep 2019

Faculty collaborations meeting

Dr. Satoshi Kawahara

Vice Dean, Faculty of Agriculture,
Professor of Food Science and Nutrition.

Dr. Johji Kota

Professor & Director of Frontiers
Science Research Centre, UOM



Prof. Kawahara agreed to discuss with Dr Shradhdha Shukla through email



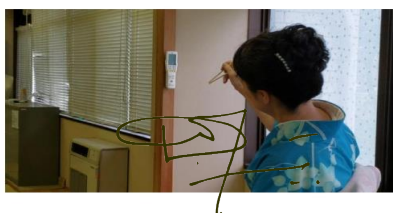
Prof. Kato agreed to collaborate with Dr Debashish Banerjee. Let him contact through email

Meet **Prof. Hirose Jun** on Ravi Ranjan Kumar Ravi. Agreed to make contact through Dr. Mousumi Das, because last time Mousumi meet him

•Dr. Minaxi Parmar she can directly contact **Prof. Kataouka**, Dean Medical of UOM for Oral Cancer Related work

Day 4 – 5th Sep 2019

Japanese Culture Experience



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Criterion- 3
KI 3.3

R, I & E
M 3.3.1

Day 4 – 5th Sep 2019

Japanese Culture Experience



Day 5 – 6th Sep 2019

Valedictory Function



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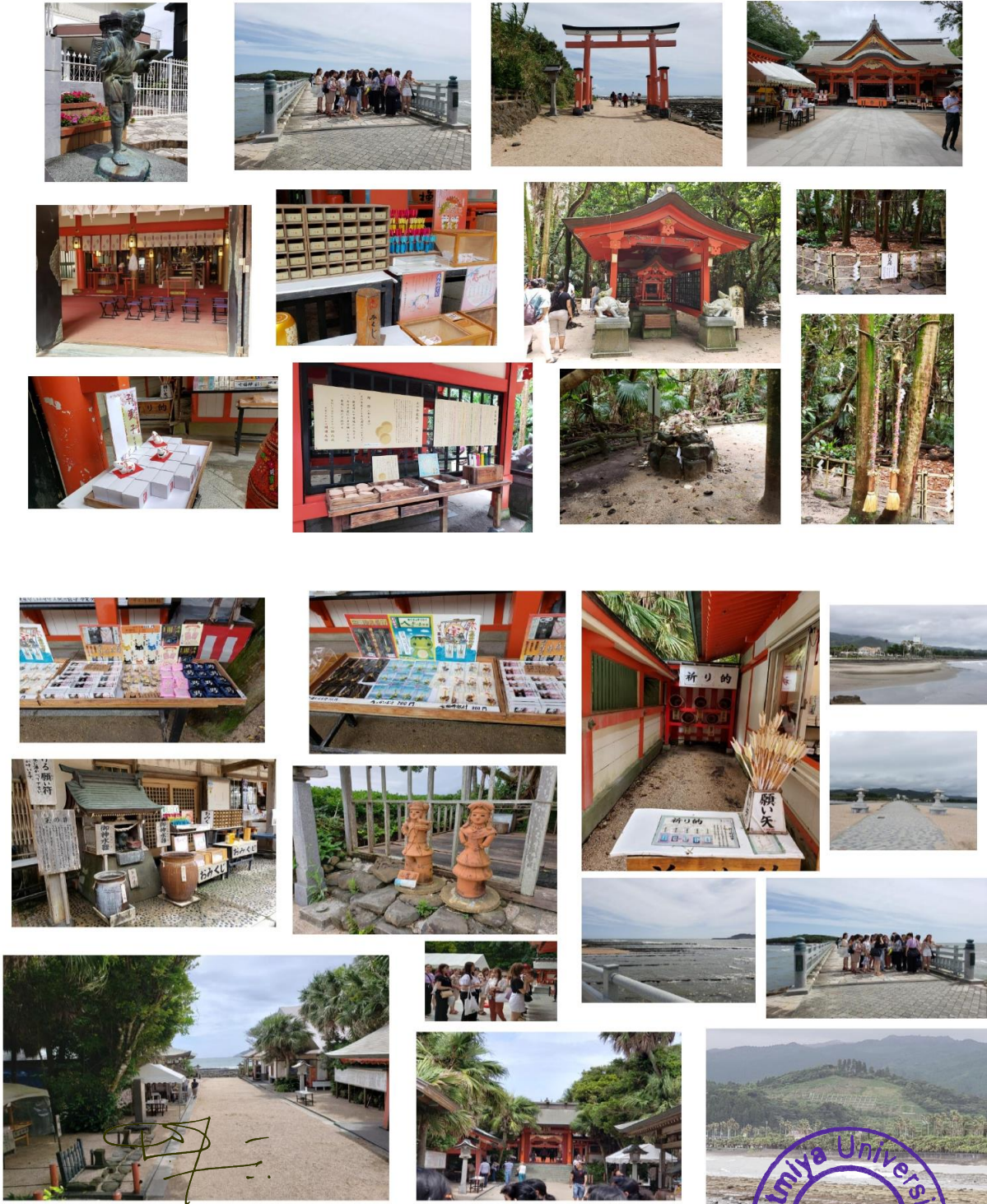
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Japanese Culture and History Experience

Day 5 – 6th Sep 2019

AOSHIMA SHRINE



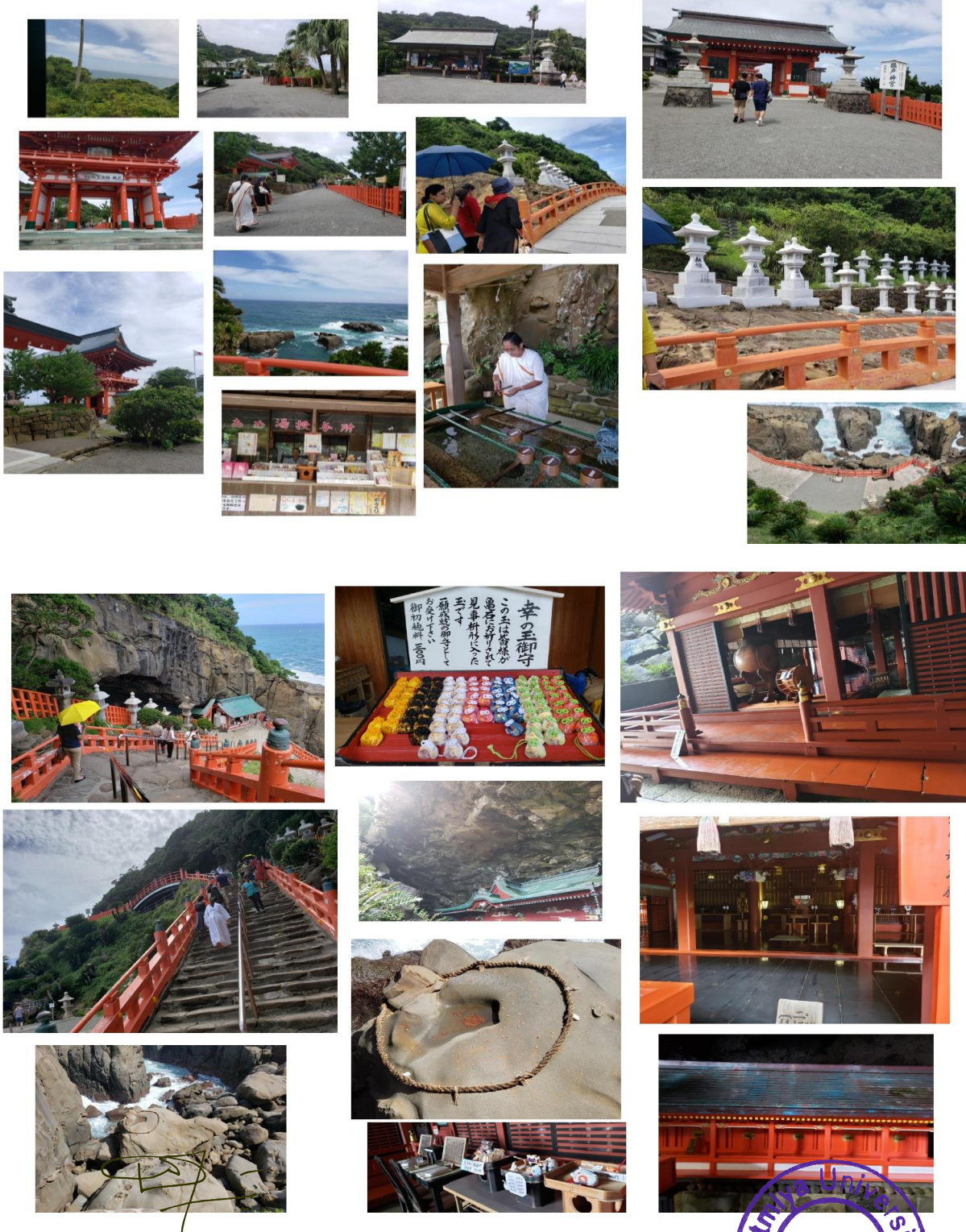
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Udo Shrine

Day 5 – 6th Sep 2019





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M 3.3.1

SUN MESSEE

Day 5 – 6th Sep 2019

Appreciation of Ocean, Sun, Sky and the Earth

MOAI literally means 'Future Life', Since "mo" means the future & "ai" means life or living



Heiwadai Peace Park.

Day 5 – 6th Sep 2019



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M 3.3.1**

MIRAICAN SCIENCE MUSEUM, Tokyo

Day 7 – 7th Sep 2019



SONY EXPLORA MUSEUM, Tokyo

Day 7 – 7th Sep 2019



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Unique Things of Japan



Unique Things of Japan





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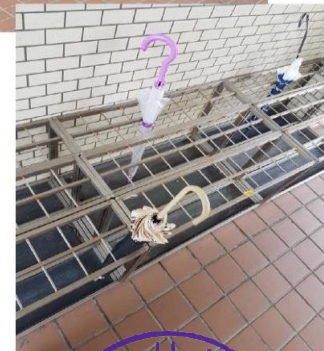
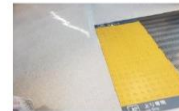
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Unique Things of Japan



Unique Things of Japan



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Unique Things of Japan



- ARIGATO GOSAIMUS

THANK YOU



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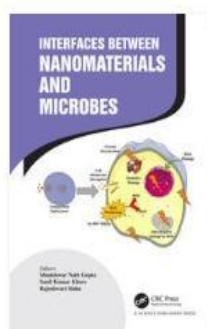
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Chapter

Appraisal of Organic and Inorganic Nanomaterials in Cellular Microenvironment

By *Shivani Tank, Ragini Raghav, Madhyastha Radha, Maruyama Masugi, Shivani Patel, Madhyastha Harishkumar*

Book [Interfaces Between Nanomaterials and Microbes](#)

Edition 1st Edition

First Published 2021

Imprint CRC Press

Pages 29

eBook ISBN 9780429321269



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INTERNATIONAL CONFERENCE (Online)



ON

**EMERGING TRENDS &
CONTEMPORARY PRACTICES**

**10-11
MARCH
2022**

Realisation of
SUSTAINABLE DEVELOPMENT GOALS
under Current Scenario



GLOBAL PARTNERS :



MAJOR ATTRACTIONS

- Publication opportunities in high index journals; Scopus, Web of Science & Equivalent. *
- Selected papers will have opportunity for publication in reputed journals like JoME, IJRTBT, IJMHS, AJMT, etc. #
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- Keynote Address, Panel Discussion and Poster Presentation Competition (on Twitter).
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Above tracks are Indicative but not limited.



IMPORTANT DATES

Registration & Full Paper Submission :	November 25 th to December 25 th , 2021
Acceptance of Full Paper :	February 7 th , 2022
Payment of Fees :	February 15 th , 2022
Presentation Submission :	February 22 nd , 2022

REGISTRATION FEES



Academician & Industry Delegates :	₹ 750 (per paper)
Research Scholars :	₹ 500 (per paper)
Foreign Delegates :	\$ 10 (per paper)
Indian Student Team (Poster Presentation) :	₹ 150 (per team)
Foreign Student Team (Poster Presentation) :	\$ 5 (per team)

Maximum 3 participants per paper/poster.

For more Information : conference@atmiyauni.ac.in

Registration Link : https://bit.ly/AU_ICETCP22

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Rajkot
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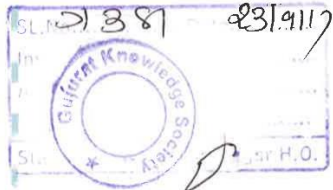


Student Startup and Innovation Policy 1.0



गुजरात गुजरात GUJARAT

BF 549381



MEMORANDUM OF UNDERSTANDING (MOU)

THIS MEMORANDUM OF UNDERSTANDING (MOU) is made on 24th day of September, 2017 at Gandhinagar, Gujarat

BETWEEN

Gujarat Knowledge Society (GKS) having its registered office at Directorate of Technical Education, Block No.2, 3rd Floor, Karmayogi Bhavan, Sector -10A, Gandhinagar-382010, here after referred to as "GKS" as First Party,

AND

Atmiya Institute of Technology & Science (AITS), Rajkot located at Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat, India Gujarat, INDIA hereinafter referred to as "AITS" as Second Party,

Whereas,

- i) GKS is a recognised nodal agency for implementation of the **Student Startup and Innovation Policy (SSIP)** of Government of Gujarat.
- ii) AITS is a recognised academic / technical / institute engaged in providing knowledge in various disciplines through its establishment.

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Atmiya University Rajkot-Gujarat-India





The Government of Gujarat under SSIP aims to create an integrated, state-wide, university-based innovation ecosystem to support innovations and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit through GKS. For effective implementation of SSIP and to achieve it's objectives (as listed below) GKS agrees for **conditional disbursement of grant** to AITS; wherein AITS agrees to do following:

1. Objectives of SSIP:

- a. Developing student centric Innovation and Preincubation Ecosystem for Students (PIES).
- b. Creating environment for creativity to flourish and an end-to-end support system in educational institutions to allow ample support to ideas for better execution.
- c. Build internal capacity of educational institutions and key components of the innovation ecosystem to enable deployed processes to make sustainable impact at scale.
- d. Create pathways for mind to market by harnessing and handholding projects/research/ innovation/ ideas of students in Gujarat.
- e. Creating and facilitating sectoral and regional innovation efforts in state around educational institutions.
- f. Create a common platform to showcase, support and upscale innovations for motivating stakeholders as well as for an opportunity to create value for money and value for many.
- g. Leverage public system initiatives at state and central level, academia, industries and by other ecosystem stakeholders / domain experts and institutions to make an inclusive effort.

2. AITS agrees to pursue following interventions:

- a. Scout best innovation / projects annually that have potential to be taken further.
- b. Mobilise existing available resources for prototyping / IPR support with universities / state government and link such resources to students.
- c. Create basic IPR and prototyping support to student projects.
- d. Allow innovative students to utilise existing labs and workshops to develop proof of concept.
- e. Undertake culture building activities such as workshops, hackathons, etc. frequently.
- f. Involve existing local entrepreneurs and involve them in mentoring processes of students and innovators.
- g. Create miniature Do-It-Yourself (DIY) labs along with basic preincubation facility.
- h. Facilitate showcasing of innovators and student startups through institute level events and activities such as cultural fests, tech fests, etc.
- i. Facilitate availing benefits provisioned under the Startup India plan and other available benefits for student innovators.
- j. Through regular co-curricular activities, promote agenda of innovation and startups as recommended in this policy.
- k. Create IPR Cell.

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3. Terms and Conditions of the grant/funding:

- a. AITS would be provided a total financial support in the form of Grant-in-aid of Rs. 20 Lakh (Rupees Twenty Lakh Only) for one year, which would be exclusively spent on the specified purpose for which it has been sanctioned within the stipulated time.
- b. The grant-in-aid would be spent as per the approved action plan included in the MoU and mutually agreed to in consultation between GKS and AITS.
- c. AITS shall maintain a separate interest bearing bank account for the funds to be disbursed by GKS. The interest earned on the grant money, would be reported to GKS and the same will be treated as a credit to AITS to be adjusted towards further instalments of the grant.
- d. The amount sanctioned during the first instalment will depend on the proposed and agreed expenditure as per the budget plan submitted by AITS.
- e. The Comptroller & Auditor General of India (CAG) at its discretion shall have the right to access the books of account for the grant received from the Government under SSIP.
- f. AITS will be required to submit Utilisation Certificates (UCs) of the grant at the end of each financial year as well as at the time of seeking further instalments of the grant, if any.
- g. Any unspent balance amount sanctioned by GKS would be either adjusted towards the grants-in-aid payable during the next instalment or refunded to the Govt. of Gujarat by means of an Account's Payee Demand Draft drawn in favour of "Gujarat Knowledge Society" payable at Gandhinagar.
- h. Grant to the institute/University to be utilized under the scope of SSIP policy mandate.

4. Obligations of AITS:

- a. AITS agrees to accomplish proposed milestones as per it's application for SSIP grant; that are listed below:

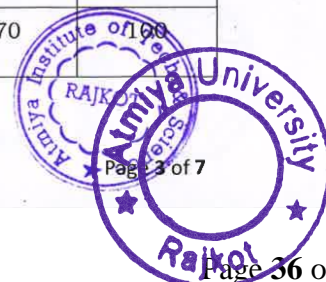
Proposed Action plan and Milestones:

Sr. No	Milestone	2017-18	2018-19	2019-20
1	Total Number of Students to be Outreached and Sensitized	3000	800	800
2	Total Number of Innovative Student Projects to be Supported	150	150	150
3	Total Number Innovations to be Supported at Pol	50	70	

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4	Total Number of Patents to be Filed	10	15	20
5	Total Number of Student Start-ups to be Supported through interventions like: 1. Incubation space & facilities 2. Seed Funding 3. Prototyping grant 4. Faculty/ alumni/Expert/mentoring	5	5	7
6	Total Number of Workshops/Conferences/Seminars/Capacity Building Programs in SSIP Agenda (attach detail)	12	18	25

b. AITS agrees to implement key initiatives that are proposed along with the application for SSIP grant; that are listed below:

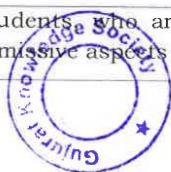
Planned Significant Initiatives to be taken:

1	Support best innovative idea/project annually through the existing and enhanced infrastructural resources such as tinkering lab, fab lab, pre incubation space, co working space, DIY labs etc.
2	Students projects are to be supported in terms of basic patent filing process awareness seminars/ workshops and prototyping workshops
3	Proof of Concepts to be done by innovative students by utilizing the existing labs and workshops on the PoC
4	Through Team Research Commons creating a culture of arranging activities such as idea pitching competitions to continuous events like hackathons so as to promote research and innovation culture and through entrepreneurship development cell arranging various workshops on business plan development and other subjects
5	Collaborating or performing linkage with industries, the Alumni Entrepreneurs and local experts and involving them in the mentoring process to the innovative
6	Creating various centers of excellences wherein the students can work on the fundamental aspects of idea generating, product designing and product building.
7	Every Department to start students clubs wherein various co curricular activities and IPR schemes activities can be arranged specifically targeting the innovation and startups
8	Promoting and exposing students with the concepts of MOOC facilitated by esteemed universities and virtual labs designed by reputed academic institutions and industries
9	Creating a common platform for the win win situations where startups from the nearby regions and sister institutions be supported in the inter and multidisciplinary socially innovative young startups.
10	Supporting innovative students who are working for the startups, in terms of attendance and other supportive aspects

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Atmiya University Rajkot-Gujarat-India





c. AITS agrees to adhere to budgetary provisions of the policy and the budget plan that was submitted along with the application:

Budget Plan Submitted with the application:

Institute Contribution: 20 Lakh per year; SSIP Grant: 20 Lakh per year; Other: 0 Lakh

Sr	Intervention	Rupees in Lakhs			
		1 st Yr	2 nd Yr	3 rd Yr	Total
1	Developing Institute innovation and startup council/ ecosystem	2	1.40	1	4.40
2	Developing pre-incubation process	0.80	0.40	0.40	1.60
3	Co-working space/ Pre-incubation facility/ Common Innovation	0.80	1	1	2.80
4	Activity/ Workshop/ Conference/ Capacity Building/ Awareness	4	5	6	15
5	Awards/ Recognition/Exposure	1	1	0.60	2.60
6	Technology Platforms/ICT portals	0.80	0.60	0.20	1.60
7	Virtual Incubation/Mentoring and allied support	0.80	1.20	2	4
8	Proof of Concept (PoC) and Prototyping support	20	20	20	60
9	Patent Filing support	5	5	5	15
10	Tinkering Lab/Fab Lab/Basic prototyping facility	2	1	0.20	3.20
11	Pedagogical Interventions/ Courses/ New Programs on Innovation Entrepreneurship	2	2.50	2.50	7
12	Special Initiatives to promote student startups and innovations	0.60	0.60	0.80	2
13	Documentation/Publication/Dissemination	0.20	0.30	0.30	0.80
	TOTAL	40	40	40	120

- d. AITS agrees to evolve a transparent system for selection of innovative ideas/projects to be supported.
- e. AITS agrees to enter into an appropriate agreement with the inventor within framework of policy and guidelines given from time to time by GKS-SSIP, Government of Gujarat.
- f. AITS agrees to invest sufficient additional amounts in promoting startups and innovation eco system in the institute.
- g. AITS would provide the physical infrastructure/ civil work necessary for implementation of the above.
- h. AITS agrees that no civil work / construction and similar activities will be carried out from the funds provided by GKS under SSIP.

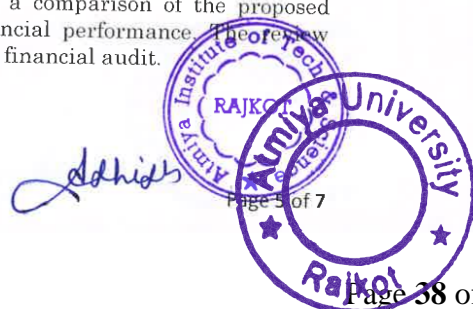
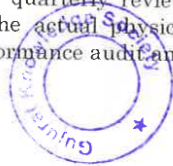
5. Monitoring:

- a. AITS agrees to allow quarterly review based on a comparison of the proposed budget plan versus the actual physical and financial performance. The review shall also include performance audit and as well as financial audit.

[Handwritten Signature]

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- b. AITS understands that the release of grants after the first instalment and each subsequent instalment will be based on satisfactory implementation of SSIP objectives and performance to achieve the same.
- c. AITS understands that the concerned Government Officers or its authorized representatives may visit AITS periodically for ascertaining the progress of work and resolving any difficulties that might be encountered in the course of implementation of SSIP objectives.
- d. AITS agrees to represent itself through it's authorised representative/s whenever it is called for periodic review at GKS Office.
- e. AITS undertakes to participate in the programs and events of SSIP.

6. Termination of Support and Penalty:

- a. GKS, Government of Gujarat, reserves the right to terminate support to AITS at any stage under SSIP, if it is convinced that the grant is not being utilized properly or that appropriate progress to achieve objectives of SSIP is not being made. The entire amount will be treated as a sunk investment and the assets acquired through the grant will be written-off by GKS.
- b. AITS agrees to repay/refund grant received under SSIP with interest from the date of disbursement if GKS, Government of Gujarat is convinced that the grant is not being utilized for the purpose mandated by SSIP, Government of Gujarat. GKS, Government of Gujarat, reserves the right to recover any such amount.
- c. In case of SFI/GIA, GKS can recover any such amount through the revenue recovery process of the government.

7. Grievance redressal Mechanism

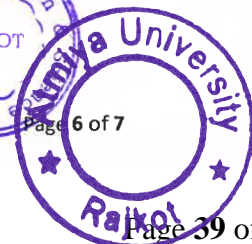
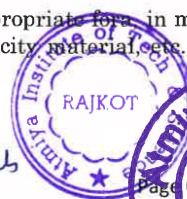
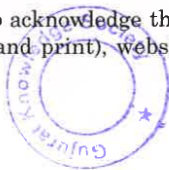
Grievance redressal will be addressed by SSIP Project Proposal Evaluation Committee.

8. General Conditions

- a. The MOU will be valid from the date of signing and it will be reviewed every year.
- b. AITS agrees to accommodate any changes that are made in the plan of action from time to time for the implementation of SSIP, Government of Gujarat.
- c. It is mandatory to acknowledge the SSIP support in all appropriate forms in media (both electronics and print), website, annual reports, publicity material, etc. in a visible manner.

Dehies
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d. The MOU can be modified or revised from time to time with mutual consent of the parties.

e. The MOU has to be supported with the following documents:


- i. Copy of affiliation letter to AITS by statutory body.
- ii. Legal authority letter in the name of person who is signing MoU on behalf of University/Institute/ College.

Each of the undersigned signatories represent and warrant that he/ she is authorised to execute this arrangement on behalf of the party for whom he/ she signs and that no further authority or execution by any other person for such party is necessary.

To be signed by Representative of GKS and Representative of AITS

GKS	AITS
Name: Shri. K. K. Nirala	Name: <u>Dr. Ashish M. Kothari</u>
Designation: CEO-GKS and Director-Technical Education	Designation: <u>ASSOCIATE PROF. DEPT. OF: E & C., AITS, RAJKOT</u>
Date:	Date: <u>24/09/2017</u>
Sign & Seal:  	Sign & Seal:  

Witness:

1. 

2. Darshan
Darshan Jani
Asst. Prof.
AITS Rajkot.



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