

NAAC – Cycle – 1		
AISHE: U-0967		
Criterion 3	RI&E	
KI 3.7	M 3.7.1	

3.7.1

Number of functional MoUs /linkage with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

A. Y. 2019-2020





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1



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.

- 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
- 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 remess of intent to the property of the intent to terminate.

Registrar
Atmiya University
Rajkot



NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1

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

India

University of Miyazaki

Japan

Chancellor: Dr. Swami Thaygavallbah Das

Date: 14 August, 2019

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

Date: 8 August, 2019

Vice President (International Affairs):

Keisuke Murakami, Ph.D.

Date: 14 August, 2019





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1



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 promote mutual capacity building of students. The scope of this agreement will be but not limited to the following:-

- 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
- 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

- 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.
- 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.

Atmiya University, Rajkot-Gujarat-India Registrar





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

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

Atmiya University, Rajkot-Gujarat-India Registrar





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

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

Date: 8 August. 2019

ice President (International Affairs):

Keisuke Murakami, Ph.D.

Date: 14 August, 2019

Atmiya University, Rajkot-Gujarat-India **Registrar**





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1





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. 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





NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1





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

Atmiya University, Rajkot-Gujarat-India





NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1





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. Marishkumar 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





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

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 JPAN-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

Atmiya University Poiket

Page of 33



NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	RI&E

M 3.7.1

KI 3.7



ATMIYA UNIVERSITY

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

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: Passport No.

Mahendrakumar Patel

Date of Issue:

L9531006

Date of Issue.

22/05/2014

Date of Expiry:

21/05/2024

Signature of the individual

Recieved

Registrar 26/7/19

) +9(-281-3910300 — (a) +91-281-2563952

info@atmiyauni.net

Page 1

Page

w.atmiyauni.net

Lof 33

Atmiya University, Rajkot-Gujarat-India Registrar



NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1

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 8^{th} Sep 2019 (the date of departure) for India.
- b. That I shall declare the honorarium received from host organization.
- 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: 26/2/19

Place: Rajkot

Signature of Applicant





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1



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

























NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1

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

























NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1

Day 2 - 3rd Sep 2019

Orientation Programme



















Day 2 - 3rd Sep 2019

Meeting with Dean of Research UOM Japan







Dr Hirogati Kataoka











NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3 7 1

Day 2 - 3rd Sep 2019

Hands of Experience- EM(SEM)

- Mr. Goto

















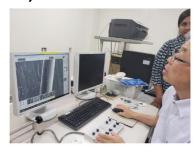


Day 2 - 3rd Sep 2019

Hands of Experience- EM(SEM)













Analysis of Hair Samples

Atmiya University, Rajkot-Gujarat-India **Registrar**





NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

Day 2 - 3rd Sep 2019



Lunch at Canteen UOM Japan















Day 2 - 3rd Sep 2019

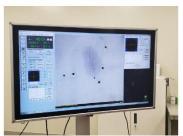
Hands of Experience- EM(TEM)

- Dr. Harish Madhyastha













Analysis of Nanoparticles- Au, Ag, Zn, Fe



Page Jof 33

Atmiya University, Rajkot-Gujarat-India **Registrar**



NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E

Day 2 - 3rd Sep 2019

M 3.7.1

AU-UOM Collaboration Meeting

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





KI 3.7

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 ¥ 28000per 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

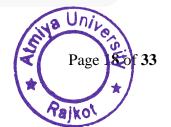
• If joining any course in UOM do has to pay tuition fee in both university?

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 2-3 months duration?

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

Atmiya University, Rajkot-Gujarat-India **Registrar**





NAAC –	Cycle – 1
AISHE: U-0967	
Criterion 3	RI&E

KI 3.7 M 3.7.1

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













Atmiya University, Rajkot-Gujarat-India
Registrar
Atmiya University

Rajkot

Page 19 of 33



NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

Day 3 - 4th Sep 2019

Hands on- Fluorescent Microscopy















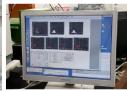
Day 3 - 4th Sep 2019

Hands on- FACS Fluorescence Assisted Cell Sorter















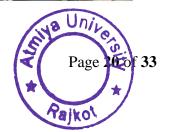








Atmiya University, Rajkot-Gujarat-India **Registrar**





NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1

Day 3 - 4th Sep 2019

Hands on- Observation under Confocal Microscopy

















AU-UOM Collaboration Meeting

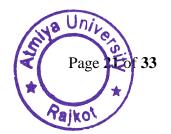
Day 3 - 4th Sep 2019

Dr. Kawazymi 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.

Atmiya University, Rajkot-Gujarat-India





NAAC – Cycle – 1		
AISHE: U-0967		
Criterion 3	RI&E	
KI 3.7	M 3.7.1	

Day 4 - 5th Sep 2019

Meeting with President & Executive Director, UoM, Japan







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.

















NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3 7 1

Day 4 - 5th Sep 2019

AU-UOM Collaboration Meeting

Faculty collaborations meeting

Dr. Satoshi Kawahara

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



Prof. Kawahara agreed to discuss with

Dr Shradhdha Shukla 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. Johji Kota **Professor & Director of Frontiers** Science Research Centre, UOM



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

•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





















Atmiya University, Rajkot-Gujarat-India **Registrar**





NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1

Day 4 - 5th Sep 2019



Japanese Culture Experience













Day 5 - 6th Sep 2019

Valedictory Function



























NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3 7 1

Japanese Culture and History Experience

Day 5 – 6th Sep 2019

AOSHIMA SHRINE

























































NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3.7.1

Udo Shrine



















































NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3 7 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 fututre & "ai" means life or living









Heiwadai Peace Park.

Day 5 - 6th Sep 2019



















NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3.7.1

MIRAICAN SCIENCE MUSEUM, Tokyo

Day 7 - 7th Sep 2019



















SONY EXPLORA MUSEUM, Tokyo

Day 7 - 7th Sep 2019

















NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1

Unique Things of Japan





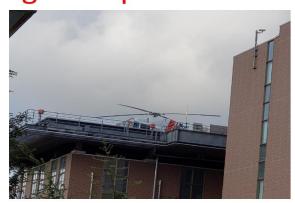






Unique Things of Japan















NAAC – Cycle – 1 AISHE: U-0967	
Criterion 3	RI&E
KI 3.7	M 3 7 1

Unique Things of Japan









Unique Things of Japan















NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3	R I & E
KI 3.7	M 3 7 1

Unique Things of Japan













• ARIGATO GOSAIMUS

THANK YOU









NAAC – Cycle – 1	
AISHE: U-0967	
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KI 3.7	M 3.7.1



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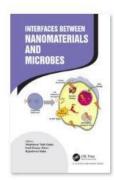
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Chapter

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

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2021

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NAAC – Cycle – 1	
AISHE: U-0967	
Criterion 3 R I & E	

KI 3.7

M 3.7.1



INTERNATIONAL CONFERENCE (Online)



EMERGING TRENDS & CONTEMPORARY PRACTICES





For more Information : **conference@atmiyauni.ac.in**

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



 Yogidham Guruku, Kalawad Road, Rajkot - 360001 (Gujarat) INDIA ☎ +91-281-2563445 ♣ Registrar www.atmiyauni.ac.in



