



Directorate of Outcome
Outcome Report for March 30th-April 5th 2019
Event/Activity Organized @ AUH

Event Type:

1. Conference /Seminar/Symposium/ Expert Talk /Guest Lecture / FDP/ Work shop / Industrial Visit/Visit to Institute/Any Other: IPR activity meeting

Event Title: IPR meeting

Details of Speaker/Resource Person: Dr. Shaleen Raizada

Date: 1st April, 2019

Venue: VC Secretariat, D-block, AUH

Organized by: AUH IPR Cell

Faculty Coordinator(s): Dr. Arvind Chhabra

Participation: AUH Faculty

Outcome of the Event with Time Line (Proposed/Achieved)

Dr. Arvind Chhabra coordinated intellectual Property Rights (IPR) meeting of AUH faculty with Dr. Shaleen Raizada to encourage patent activities on 27th march, 2019, by reaching out to all the HOIs and HODs.

The meetings resulted in new ideation and patent applications.

2. Faculty Development Workshop on Grant Writing Skills and Opportunities. The event involved interaction of AUH Faculty with Dr Rajiv Sharma and Dr. K R Murli Mohan. The detailed program schedule is attached herewith.

Details of Speaker/Resource Person:

1. **Dr Rajiv Sharma**, Director General, Amity Foundation for Science, Technology & Innovation Alliances (AFSTIA), Senior Vice President, Ritnanad Balved Education Foundation (RBEF)

2. **Dr. K R Murli Mohan**, Scientist-G & Head, Interdisciplinary Cyber Physical Systems Division (ICPS), Department of Science & Technology, Ministry of Science & Technology
Date: 1st April, 2019

Venue: D-Block conference room

Organized by: Office of Dean, Faculty of Science and Engineering and Stem Cell Institute, AUH.

Faculty Coordinator(s): Dr. Arvind Chhabra, Director Stem Cell Institute, Dr. Rajendra Prasad, Director, Amity Institute of Biotechnology and Dean, Faculty of Science and Engineering, AUH.

Participation: AUH faculty across different Institutions and Departments (attendance sheet attached).

1. Outcome related to Academia Connect

- (a). The IPR meeting resulted in new ideation towards research collaborations and grant applications.
- (b). The Faculty Development Workshop on Grant Writing Skills and Opportunities resulted in better understanding of the grant application procedure and available grant opportunities. Participating faculty were very enthusiastic in clarifying their queries and expressed strong desire to reach out to the resource personnel in taking interaction further and translating it into successful grant applications.

2. Outcome related to Industry Connect

- a) **Collaborations for Research Papers:** Nil
- b) **Collaborations for Research Guidance [Ph.D., PG & UG (Summer training, Dissertation)] & Projects/Use of Instruments:** Nil

3. Outcome Related to Students Learning & Grooming

N/A

Outcome related to Society Outreach

- a) **Benefit to society in terms of Health & well being**
- b) **Benefit to society in terms of Education**
- c) **Any Other**

Nil

4. Glimpses of the event:

A. Attendance Sheet for the Event:

Attendance Sheet

Scientific Interaction of AUH Faculty with

Dr. Rajiv Sharma: Director General, Amity Foundation for Science, Technology & Innovation Alliances (AFSTIA), Senior Vice President, Ritmanad Balved Education Foundation (RBEF)

&

Dr. K R Murli Mohan: Scientist-G & Head, Interdisciplinary Cyber Physical Systems Division (ICPS), Department of Science & Technology, Ministry of Science & Technology

Date : 05 April 2019

S No	Name	Department	Sign
1	Dr. Anil Kumar	ASET	[Signature]
2	DR. PRITHI SINGH	ASET	[Signature]
3	Dr. Anshu Singh	ASET	[Signature]
4	Heena	ASET	[Signature]
5	POYONA ARORA	ASET-CSE	[Signature]
6	Dr. Rajesh Kumar Tera	ASET-CSE	[Signature]
7	Dr. Sunil Kumar	ASET-CSE	[Signature]
8	Dr. Anoop Gupta	ASET-EC	[Signature]
9	Dr. Vikas Chandra	ASET-CSE	[Signature]
10	Dr. Amit Wadhwa	ASET-CSE	[Signature]
11	Dr. P. P. Das	ASET	[Signature]
12	Dr. Anuraj Saini	ASET-EC	[Signature]
13	Dr. Khushboo Tripathi	ASET-CSE	[Signature]
14	Dr. Kuntal Kumar Singh	AIR	[Signature]
15	Dr. SK. Upadhyay	AIR	[Signature]
16	Dr. Brijesh Kumar	AIET	[Signature]
17	Dr. Anvita Vij	Physics/ASAS	[Signature]
18	Dr. Bipti Vajra	Chemistry/ASAS	[Signature]
19	Swapani H K	ACON	[Signature]
20	Dr. Suresh Chandra Sharma	ACON	[Signature]
21	Mr. Pooja Sharma	Amity College of NIT	[Signature]
22	Dr. Sanjeev Sharma	MG, ASET	[Signature]

B. Details of Interaction of AUH Faculty:

Dr. Rajeev Sharma arrived at 11.30 am. He was received by Dr. Arvind Chhabra and Hon. VC, Prof. PB Sharma. Following tea with VC Sir, Prof. Rajendra Prasad, Dean, Faculty of Sciences and Engineering, and HOIs, Dr. Sharma proceeded for interaction with AUH faculty in the D-Block conference room.

The meeting was well attended by AUH faculty across different institutes and departments (attendance sheet attached herewith). The meeting was initiated by welcome of Dr. Rajeev Sharma by Dr. Arvind Chhabra, Director Stem Cell Institute, who briefed the faculty that the purpose of Dr. Rajeev Sharma's visit was to get first hand overview of research activities going on at AUH and encourage them for cross-disciplinary collaborations to facilitate extramural research grants.

Hon. VC Sir delivered a welcome address for Dr. Sharma and highlighted different areas in which excellent research is being carried out, for example Engineering Department, Nanotechnology, Biotechnology etc. Hon. VC sir shared his intense passion for research at AUH and how it could be of benefit for the country in solving problems in the fields of air and water pollution and health care needs. Hon. Prof. PB Sharma also set the tone for brief presentation by Prof. Rajendra Prasad on current status of research activities at the AUH.

Dr. Prasad gave a succinct account of research output, summarized in the form of research manuscripts published, extramural research grants received, patents filed. Dr. Prasad also highlighted recent initiative taken by Hon. Chancellor, Dr. Aseem Chauhan, towards building world class central instrument core facility to further invigorate research and grant funding at AUH. He shared different equipments are being set up in Instrumentation Core Facility that will soon be available to AUH faculty, as well as to the researchers outside AUH, for their research needs, with minimal charges.

Following Dr. Prasad's presentation, he welcomed Dr. Rajeev Sharma to share his insights with AUH faculty. Dr. Sharma gave two presentations, with one focusing on grant writing and review process, and the other one highlighting different grant opportunities available to AUH faculty under different schemes. Following presentation of Dr. Rajeev Sharma, that included keen discussion with AUH faculty about their queries about different schemes and challenges in getting extramural grants, first half of the meeting ended at 1.50 pm. Dr. Rajeev Sharma and the team were thereafter accompanied by Dr. Arvind Chhabra and Dr. Amit Pandey, Assistant Professor Amity Institute of Biotechnology, for lunch, followed by tour of the research labs in Amity Institute of Biotechnology and the upcoming central instrumentation core facility by Dr. Amit Pandey and Dr. Rajendra Prasad.

Dr. K R Murli Mohan, Scientist-G & Head, Interdisciplinary Cyber Physical Systems Division (ICPS), Department of Science & Technology, Ministry of Science & Technology, arrived from his very busy schedule at 3.15 pm. An escort vehicle was sent to accompany Dr. Murli Mohan from Panchgaon to ensure he arrives AUH without any problem and feels welcomed at AUH. Upon arrival Dr. Murli Mohan was received by Hon. VC, Prof. PB Sharma, Prof. Rajendra Prasad and HOIs at the gate, and following welcome tea in the VD-Block VIP Lounge, Dr. Murli Mohan proceeded for interaction with the AUH faculty in D-Block conference room.

Hon. VC Sir welcomed Dr. Mohan formally in the presence of AUH faculty by offering Shawl, memento and AUH research activities dossier. Hon. VC Sir shared with AUH faculty his long association with him from his days at the Delhi Technical University that was subsequently very warmly reciprocated by Dr. Mohan who offered all his advice and help to Prof. Sharma and AUH faculty to make it a useful engagement. Following welcome address, Dr. Prasad apprised Dr. Mohan with research activities and research infrastructure initiatives at the AUH in a brief presentation, and welcomed Dr. Mohan for his presentation. Dr. Murli Mohan gave a very insightful impromptu presentation about several DST initiatives on National Mission on Interdisciplinary Cyber Physical Systems (NMICPS). He shared different thrust areas including Indian Heritage in Digital Space, Quantum Computing, Disease incidences identification to prevent epidemics etc., where cross disciplinary expertise in Computer Sciences, Mathematics, Data analysis, Image Processing and Life Sciences are needed. He gave insights on software development and data integration that was carried out on Indian Heritage in Digital Space project that has constructed 3D models of ancient Indian Heritage sites, including Hampi, based on present remains and old description in the literature. He welcomed AUH faculty to identify where they can be partner in these initiatives and offered his support to them. The presentation by Dr. Mohan was followed by discussion with AUH faculty from engineering and life sciences disciplines who inquired about different research areas that they have expertise in and expressed desire to share their thoughts with Dr. Mohan so that these ideas could be converted into extramural research grants.

The meeting with AUH faculty concluded at 5.30 pm with a vote of thanks by Hon. VC Sir and Dr. Murli Mohan and Dr. Rajeev Sharma proceeded for concluding meeting with Hon VC Sir and Dr. Arvind Chhabra in VC Sir`s office. Among the areas identified for participation by AUH faculty in different data sciences initiatives included environmental issues, participation in Indian Heritage projects, and disease monitoring. Visit of AUH faulty at DST, along with students, was also discussed and welcomed by Dr. Mohan to see the different Indian heritage sites that have been digitally re-created and are on display in DST and in IIT-Delhi.

Finally the guests were given warm send off by Hon. VC Sir and Dr. Arvind Chhabra at 6 pm.

B. Selected Pictures of the Event:







