The function of a conference/seminar/workshop is to gather like-minded individuals from across the country or across the globe, to learn, discuss thoughts, network, share ideas, create new ideas, and to ignite motivation. The benefits of attending a conference are different for everyone. The main result of a research conference is that it helps attendees to do better research, to find and understand new ideas, and to disseminate their own research, etc. By organizing the conference, in various disciplines, Adamas University is the facilitator of all that.

Several events had been conducted in AY 2018-2019. All such event reports has been incorporated.

SCHOOL OF BASIC AND APPLIED SCIENCES
ADAMAS UNIVERSITY

Workshop on **"Geospatial Data Analysis Using Open Source Software"**

Objectives: The programme in all the three days was started with technical seasons where popular lecture on application of remote sensing and GIS in various disciplines were delivered by eminent speakers. The training seasons were conducted in two parallel seasons for 'Beginners' and 'Advanced' learner focusing on application of open source software like QGIS, Python, R in raster and vector data processing and visualization.

Date and Time:	17th April - 19th April, 2018
Venue:	Adamas Knowledge City, Barasat – Barrackpore Road, Jagannathpur, West Bengal 700126
No. Of Participants:	130

Speakers:

- Dr. Kalyan Rudra (Chairman, W.B. Pollution Control Board),
- Prof. Soumya K. Ghosh (CSC, IIT – Kharagpur),
- Prof. Milap Punia (CSRD, Jawaharlal Nehru University),
- Dr. Ajay Mondal (Scientist-F, Regional Remote Sensing Center–East),
- Dr. Basudeb Bhatta (CAD and CSE, Jadavpur University),
- Prof. Ashis Sarkar (Retd. Professor, Dept. of Geography, Presidency College/University)

Trainers:

- Dr. Basudeb Bhatta and Mr. Biswajit Giri (CAD and CSE, Jadavpur University),
- Dr. Surajit Ghosh (NIT-Durgapur),
- Dr. Priyank P. Patel, (Dept. of Geography, Presidency University),
- Dr. Abira Dutta Roy (Dept. of Geography B. Z. S. Mahila Mahavidyapith, Bankura)

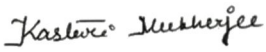
Outcomes:

- Better knowledge on application of open source software like QGIS, Python, R in raster and vector data processing and visualization.

Photographs:

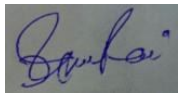
Convenors:

Dr. Kasturi Mukherjee, HOD, Department of Geography, Aadams University
Email: kasturi.mukherjee@adamasuniversity.ac.in, Call: 91-9874354990



Dr. Kasturi Mukherjee

Dr. Anu Rai, Assistant Professor, Department of Geography, Aadams University
Email: anu.rai@adamasuniversity.ac.in, Call: 91-9674252647



Dr. Anu Rai

SCHOOL OF BASIC AND APPLIED SCIENCES
ADAMAS UNIVERSITY

*Workshop on "***Flying Robotics and Automation 2018: Science and Technology of DRONE and it's application in various domain"**

Objectives:

To help students develop research skills and competencies, acquaint them with contemporary technological skills. To improve the effectiveness of their collaborative work.

Date and Time: **9-10 February, 2018**

Venue/Platform: **Adamas University**
No. Of Participants: **100**

Speakers:

1. Mr Sourav Ghosh
2. Prof. Vaskar Gupta, Jadavpur University

Outcomes:

Department of Physics, Adamas University in Association with Institute of Engineers – India (IEI) , Rasscorb Technologies Pvt. Ltd. And Robotics Society / Club – Adamas University has conducted a 2 Day National Workshop on "Flying Robotics and Automation – 2018: Science and Technology of DRONE and it's application in various domain".

The workshop had covered the following topics, such as-

- Drone Technology
- Assembly of component /parts
- Various applications of DRONE/ Robotics and Automation
- Flying DRONES (Hands on Training)
- Breakdown and troubleshooting

Around 100 participants were there.

Photographs: Flyer

Conveners:

Prof. (Dr.) Moumita Mukherjee

Email: moumita.mukherjee@adamasuniversity.ac.in

Dr. Moumita Dey

Email: moumita.dey@adamasuniversity.ac.in

SCHOOL OF BASIC AND APPLIED SCIENCES
ADAMAS UNIVERSITY

NCFMP 2018

Objectives:

To help students develop research skills and competencies, acquaint them with contemporary research areas. To improve the effectiveness of their independent research work.

Date and Time: **16 - 17th August, 2018**

Venue/Platform: **Adamas University**

No. Of Participants: **120**

Invited Speakers:

1. Prof. Biwarup Mukhopadhyay, HRI, Allahabad (Keynote Speaker, recipient of Shanti Swarup Bhatnagar Award in 2003)
2. Prof. Palash Baran Pal, Calcutta University
3. Prof. Narayan Banerjee, IISER Kolkata
4. Prof. Guru Prasad Kar, Indian Statistical Institute, Kolkata
5. Prof. Indra Dasgupta, IACS, Kolkata
6. Prof. Sugata Ray, IACS, Kolkata
7. Dr. Anup K. Sadhu, Calcutta Medical College
8. Prof. D. N. Tibarewala, IIEST Shibpur

Outcomes:

* Participants gained knowledge about the current research directions.
* Participants made aware of the current understanding regarding the High Energy Physics & Cosmology.
* Participants made aware of the current understanding regarding the Condensed Matter Physics.
* Participants made aware of the current understanding regarding the Quantum Physics.
* Participants made aware of the current understanding regarding the Nano Science.
* Participants made aware of the current understanding regarding Medical Physics.
* Participants made aware on how India is contributing towards the cutting edge global research effort in various disciplines of Physics.

Photographs:

Convener:

Dr. Moumita Dey

Email: moumita.dey@adamasuniversity.ac.in

Report of
Guest Lecture on-Embedded System: A Journey with the Components
Guest Speaker: **Mr. Niraj Chaddha**
Scientific Officer, Computer and Informatics Group, VECC, GOI**.**

Date: 8th September, 2018

Organized by:	Dept. of ECE, School of Engineering & Technology
Date & Time:	08/09/2018 (10:30 AM to 12:30 PM)
Mode of Delivery:	Physical
No. of Participants:	Total: 65 (from India)
Objective:	Skill Development

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	**Name: Mr. Niraj Chaddha** **Designation** Scientific Officer, Computer and Informatics Group **Organization:** VECC, Govt. of India	**Embedded System: A Journey with the Components**	• Introduction of basic electronic component • Formation if ICs • Programming and simulation for fabrication of ICs. • What is Embedded System? • Hardware interface of an Embedded System.

Abstract of proceedings:

Department of Electronics and Communication Engineering (Adamas University, Kolkata, West Bengal) conducted a guest lecture on "EMBEDDED SYSTEM: A JOURNEY WITH THE COMPONENTS" on 08.09.2019 from 10:30 AM to 12:30 PM. The guest speaker was Mr. Niraj Chadda, who is associated as Scientific Office, Variable Energy Cyclotron Centre, Department of Atomic Energy, Government of India. Total 55 students were present in this seminar. Students were benefited and gained knowledge about the basic electronics components of embedded systems, microprocessor, microcontrollers.They alsofamiliar with the embedded systems and its different applications in real world. Mr. Niraj Chaddawas felicitated by certificate of appreciation. The program convenor, Dr. Dipak Kumar Ghosh, HOD, ECE department, gave vote of thanks and conclude the program.

Photo 1: Glimpse of the Event; Dated 08.09.2018

Convenor(s): Dr. Dipak Kr. Ghosh

Associate Professor, HOD (ECE)

Report of
Workshop on PCBGURU: A full day in-house hands-on training workshop on printed circuit board design & fabrication

Date: 27th October, 2018

Organized by: Dept. of ECE, School of Engineering & Technology associated with AROAIC
Date & Time: 27/10/2018 (10:00 AM to 4:00 PM)
Mode of Delivery: Physical
No. of Participants: Total: 36 (from India)
Objective: Skill Development

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Name: Mr. Susamay Samanta Assistant Professor, ECE, Mr. Subhranil Das Student Mentor, Adamas AROAIC, and Mr. Tanmay Chakraborty Student Mentor	**PCBGURU: A full day in-house hands-on training workshop on printed circuit board design & fabrication**	• Latest EDA Tools for PCB Fabrication • PCB Design to Layout Transfer Process • Layout to PCB Fabrication

Abstract of proceedings:

Department of Electronics and Communication Engineering (Adamas University, Kolkata, West Bengal) and Robotics Club conducted a workshop “PCBGURU” on 03.04.2019 from 10:00 AM to 4:00 PM. Total 36 students joined in the workshop. This workshop is the first workshop event of ‘GURU Series Workshop' and it is conducted by Mr. Susamay Samanta Assistant Professor, ECE, Mr. Subhranil Das Student Mentor, Adamas AROAIC, and Mr. Tanmay Chakraborty Student Mentor, Adamas AROAIC who are all in-house faculty and student members from the Department of Electronics & Communication Engineering, Adamas University bearing technical expertise on industrially popular software tools, modelling techniques and skill-sets required for various prototype designs. From this workshop participant learnt about Latest EDA Tools for PCB Fabrication, Layout to PCB Fabrication, PCB Design to Layout Transfer Process. After completion of workshop a certificate was provided to every participant.

Photo 1: Glimpse of the Event; Dated 27.10.2018

Convenor(s): Dr. Dipak Kr. Ghosh

Associate Professor, HOD (ECE)

ADAMAS UNIVERSITY
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BARASAT

Report on Seminar on Recent Advancement of Welding science and Technology

Organized by: Dept of Mechanical Engineering, School of Engineering & Technology
Date & Time: 19/09/2018
Mode of Delivery: Offline
No. of Participants: 63, Nationality: Indian
Objectives: Skill Development

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Dr. Partha Sarathi De, Assistant Professor, IIT Bhubaneswar	Seminar on Recent Advancement of Welding science and Technology	• Enhancement of technological skill

Abstract of proceedings: *(in about 500 words)*

Mechanical Engineering Department, School of Engineering and Technology arranged a one day Expert Lecture on Recent Advancement of Welding science and Technology on 19th September 2018, under the patronage of Mr. Soumyabrata Basak, Assistant Professor (ME). The lecture was conducted by, Dr. Partha Sarathi De, Assistant Professor, IIT Bhubaneswar. The students from ME 4th, 3rd year and 2nd year attended the program. This program helped implanting in students essential values of inspiration, enhancement of their technological skills, motivation and encouragement for the betterment of their respective careers.

General Participant Feedback:

Appreciations:

- informative for our career
- got to know about the skill sets which are essential yet not paid a serious attention
- rich on industry perspective
- we can definitely find our way if we follow each word said in the webinar
- information on communication & collaboration skills and emotional intelligence was an eye opener

Recommendations:

- Will love to participate in such webinars in near future
- Possibility of a virtual industry visit to GE during this lockdown period

Photo 1: Glimpse of the Event; Dated 19/09/2018

Convenor(s): Mr. Soumyabrata Basak, Asst. Professor, ME, SOET

Soumya

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Report on Intellectual Property Awareness Programme

Organized by: Dept of Mechanical Engineering, School of Engineering & Technology
Date & Time: 01/12/2018
Mode of Delivery: Offline
No. of Participants: 49, Nationality: Indian
Objectives: Basic information and awareness on Intellectual Property Rights (IPRs)

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1 2 3 4	Prof. Padmavati Manchikanti (Professor and Dean, Rajiv Gandhi School of IP law, IIT Kharagpur) Dr. Sarbani Mukhopadhyay (Patent Scientist, Anjan Sen and Associates) Mr. Sudipta Ghosh (Head - IP Management, Wipro Ltd.) Mrs. Jishnu Abraham (Patent Attorney with L S Davar and Company)	Intellectual Property Awareness Programme	• To create public awareness about the economic, social and cultural benefits of IPRs among all sections of society.

Abstract of proceedings: *(in about 500 words)*

The Department of Mechanical and Electrical Engineering, School of Engineering and Technology successfully organized an one day Seminar on *"Intellectual Property Awareness Programme"* on 1st December, 2018. Intellectual Property Rights (IPRs) are exclusive rights over such intellectual property granted to creators / holders which protect their rights from misappropriation by third parties without their authorization. They are now not only being used as a tool to protect creativity and generate revenue but also to build strategic alliances for socio-economic and technological growth. Accordingly, in order to foster the protection of innovations and creativity, the Intellectual Property Office under the Ministry of Commerce and Industry is dedicated to mobilize the use of such technological advancement for the economic development of the country. This seminar aims to deliver the basic information and awareness on IPR spectrum from novelty to commercialization and also discuss the present scenario of IPR in academia and necessity of the IP Cell.

General Participant Feedback:

Appreciations:

- Help in increasing the awareness about *Intellectual Property.*
- Got to know about the present scenario of IPR in academia.

Recommendations:

- Interested to know more about IPR
- Will love to participate in such webinars in near future

Photo 1: Glimpse of the Event; Dated 01/12/2018

Convenor(s):

Mr. Soumyabrata Basak, Asst. Professor, ME, SOET

Mr. Avik Datta, Assistant Professor, EE

Mr. Titas kumar Nag, Assistant Professor, EE

Soumya

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Report of one day Workshop on PLC and Drives Control

Objective: To develop the skill about the application of Programmable Logic Controllers (PLC) and how it makes life easier for manufacturers by automating certain processes.

Organized by: Dept. of Electrical Engineering in association with Star Digitech Pvt. Ltd, School of Engineering & Technology

Date & Time: 20.11.2018 to 22.11.2018, 10:00 hrs- 17:00 hrs (IST)

Mode of Delivery: Offline

No. of Participants: 31, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Persons with details	Topic	Major Insights
1.	Experts from Star Digitech Pvt. Ltd	PLC and Drives Control	• The basic concept on PLC and Drives Control • Hands on experience.

Abstract of proceedings:

It stands for Programmable logic controller. It is a machine controller that activates relays and other input and output units from stored programs. Additional modules support motion control and other functions. Relays are used to control electrical drives because relays allow power to be switched ON and OFF without a mechanical switch and it is common to use relays to make simple logical control device. The PLC based architecture is utilized for I/O intensive control applications. Based upon banks of relays that are scanned, or polled, by a central processor, the PLC provides a low cost for those familiar with its logic programming language. Integeration of the motion, I/O operator interface, and additional cards that are plugged in its backplane. The additional of scanning points decreases the polling rate of any individual point, and can thus lead to lower machine response. Because PLCs have not historically concentrated on motion control, plug-in indexers or those that communicate. Because these indexers boards often include their own microprocessor, they prevent slow polling rates, but incorporate a separate programming language. In general, this comprise is acceptable for all but most complicated motion/ machine applications. A PLC based indexer is designed to accept data from PLC in the form of I/O communication. Typically, the information is in BCD format. The BCD information may select a program to execute, a distance to move, a time delay, or any other parameter requiring a number. The PLC is well suited to I/O actuation, but poorly suited to perform complex operations such as math and complicated decisson making. The motion control functions are separated from PLC's processor and thus do not burden in scan time.PLC selects and executes the required motion sequences that are programmed from the host when the controller is in stand alone mode, and stored in non volatile memory via the I/O interface.
Electrical Engineering Department, School of Engineering and Technology arranged a three days workshop on 'PLC Drive Control' from 20.11.2018 to 22.11.2018. Experts from Star Digitech Pvt. Ltd. came to the University with the Hardware and explained the details with students. Students able to do hand-on experiments. The workshop was conducted by Mr. Avik Dutta, Assistant Professor (EE) and Mrs. Sunam Saha, Assistant Professor (EE). Students get benefitted by knowing Basics idea on PLC, Hands-on PLC, Ladder Logic, Drives control trough PLC, Basic on SCADA.

Photo 1: Glimpse of the event

General Participant Feedback:

Appreciations:

- Informative for career option.
- Got to know about PLC and Drives control.

Recommendations:

- Will love to participate in such workshops in near future

Convenor(s):

Mr. Avik Datta, Assistant Professor, EE

Avik Datta

ADAMAS UNIVERSITY BARASAT

Report of one day Seminar on Industry ready 4.0

Objective: To develop the skill of students about Industrial automation, Internet of things (IoT), PLC application in industries.

Organized by: Dept. of Electrical Engineering in association with Star Digitech Pvt. Ltd, School of Engineering & Technology

Date & Time: 01.10.2018, 10:00 hrs- 17:00 hrs (IST)

Mode of Delivery: Offline

No. of Participants: 52, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Persons with details	Topic	Major Insights
	Mr. Santo Dutta, CEO of Star Digitech Pvt. Ltd	Industry ready 4.0	This program helped the students to get updated on Industrial automation, Internet of things (IoT), PLC application in industries.

Abstract of proceedings :

Entire world in the midst of a significant transformation regarding the way we produce products thanks to the digitization of manufacturing. This transition is so compelling that it is being called Industry 4.0 to represent the fourth revolution that has occurred in manufacturing. From the first industrial revolution (mechanization through water and steam power) to the mass production and assembly lines using electricity in the second, the fourth industrial revolution will take what was started in the third with the adoption of computers and automation and enhance it with smart and autonomous systems fuelled by data and machine learning. Even though some dismiss Industry 4.0 as merely a marketing buzzword, shifts are happening in manufacturing that deserves our attention. Industry 4.0 optimizes the computerization of Industry 3.0. When computers were introduced in Industry 3.0, it was disruptive thanks to the addition of an entirely new technology. Now, and into the future as Industry 4.0 unfolds, computers are connected and communicate with one another to ultimately make decisions without human involvement. A combination of cyber-physical systems, the Internet of Things and the Internet of Systems make Industry 4.0 possible and the smart factory a reality. As a result of the support of smart machines that keep getting smarter as they get access to more data, our factories will become more efficient and productive and less wasteful. Ultimately, it's the network of these machines that are digitally connected with one another and create and share information that results in the true power of Industry 4.0.

Electrical Engineering Department, School of Engineering and Technology arranged a one day Technical Talk on Industry Ready 4.0 on 1st October 2018, under the patronage of Mr. Avik Datta, Assistant Professor (EE) and Mrs. Sunam Saha, Assistant Professor (EE). The lecture was conducted by, Mr. Santo Dutta, CEO of Star Digitech Pvt. Ltd. The students from EE 4th, 3rd year and 2nd year attended the program. This program helped the students to get updated on Industrial automation, Internet of things (IoT), PLC application in industries.

Photo 1: Glimpse of the seminar dated; 01.10.2018

General Participant Feedback:

Appreciations:

- Got to know about Industrial automation, Internet of things (IoT) and PLC application in industries.

Recommendations:

- Will love to participate in such seminars in near future

Convenor(s):

Mr. Avik Datta, Assistant Professor, EE

Avik Datta

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Report on Lecture series: Energy Auditing

Objective: To develop the skill to identify the quality and cost of various energy inputs.

Organized by: Dept. of Electrical Engineering, Mechanical Engineering and Electronics & Communication Engineering, School of Engineering & Technology

Date & Time: 06.08.2018-10.08.2018, 10:00 hrs- 17:00 hrs (IST)

Mode of Delivery: Offline

No. of Participants: 100, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Persons with details	Topic	Major Insights
	Prof. Vladimir Mamalyga, Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" Rector, Institute of Postgraduate Education "UKRSTENO"; Executive Director, All-Ukrainian public organization "Energy Auditors & Energy managers' Supreme Council of Ukraine"; Director and owner, Private Company "Electrical Mechanics".	Energy Auditing	• The basic concepts on Energy Audit. • Research on the core areas of Energy Auditing

Abstract of proceedings:

An Energy Audit, or Review, is an investigation of all facets of an organisation's historical and current energy use with the objective of identifying and quantifying areas of energy wastage within the organisation's activities. It is best carried out by an Accredited Energy Masters Auditor.

An Energy Audit establishes the baseline for any improvements in an organisation's energy use. It provides a comprehensive and systematic method for targeting cost effective efficiency gains. There are many examples where clients have been able to make savings without requiring any significant capital investment. An Auditor should work with their clients to ensure those savings are achieved and sustained in the long

term. The objective is to have all identified improvement projects “payout” within two to four years, equivalent to a return on investment of between 25 - 50%. Anybody receiving an accredited Energy Audit should expect to receive recommendations for savings between 5 - 15% as a typical starting point.
A 5 days lecture series was arranged by The Department of Electrical Engineering, Department of Mechanical Engineering, and Department of Electronics & Communication Engineering. Prof. Mamalyga, a strong expertise in Energy & environment management; Energy & environment audit; Project management; Business Planning (design and calculation of economic and technical aspects of investment projects); Management of self-financial organization; Scientific research and practice in energy saving and mufti-motor electric drive systems, motivated the students of SOET to research on the core areas of Energy Auditing and pursue research.

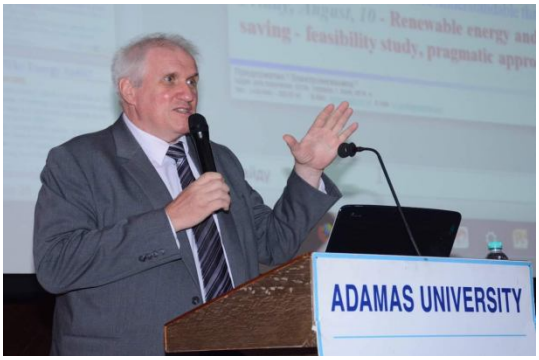

Photo 1: Glimpse of the Lecture

General Participant Feedback:

Appreciations:

- Informative for career option.
- Got to know about Energy Audit.

Recommendations:

Will love to participate in such Lecture series in near future

Convenor(s):

Mr. Titas Nag, Assistant Professor, EE

Titas Kumar Nag.

ADAMAS UNIVERSITY BARASAT

Report on Ethical Hacking, Security Issues of Android Applications and Web Based Applications

Organized by: Dept of Computer science Engineering, School of Engineering & Technology
Date & Time: 17/11/2018
Mode of Delivery: Offline (AU Auditorium)
No. of Participants: 119, Nationality: Indian
Objectives: Skill development in Android application.

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	***Soumyajit Mukherjee, ISOEH***	Ethical Hacking	Application design of cyber forensic ethical hacking model to gather knowledge.

Abstract of proceedings:

Ethical hacking, also known as penetration testing or pen testing, is legally breaking into computers and devices to test an organization's defenses. It's among the most exciting IT jobs any person can be involved in. You are literally getting paid to keep up with the latest technology and get to break into computers without the threat of being arrested. Companies engage ethical hackers to identify vulnerabilities in their systems. From the penetration tester's point of view, there is no downside: If you hack in past the current defenses, you've given the client a chance to close the hole before an attacker discovers it.The process of gathering and documenting proof from a computer or a computing device in a form presentable to the court by applying the techniques of investigation and analysis is called Cyber Forensics. Cyber Forensics is also called Computer Forensics.

Photo 1: Glimpse of the event; dated 17/11/2018

General Participant Feedback:

Appreciations:

- Informative for career option
- Got to know about the skill sets which are essential for understanding Cyber forensic
- Rich on R & D perspective

Recommendations:

- Interested to know more about developing Cyber forensic
- Will love to participate in such webinars in near future

Convenor(s):

Ms Riya Sil

RIYA SIL

ADAMAS UNIVERSITY
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Report of Artificial Intelligence, Machine Learning, Internet On Thing, Image Processing

Organized by: Dept of Computer science Engineering, School of Engineering & Technology
Date & Time: 08/09/2018
Mode of Delivery: Offline (AIT Video Conference Hall)
No. of Participants: 98, Nationality: Indian
Objectives: Skill development.

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	***Experts from Indian School of Ethical Hacking***	AI/ML	• Application design of AI and ML

Abstract of proceedings :

- Machine learning automates analytical model building. It uses methods from neural networks, statistics, operations research and physics to find hidden insights in data without being explicitly programmed where to look or what to conclude.
- A neural network is a kind of machine learning inspired by the workings of the human brain. It's a computing system made up of interconnected units (like neurons) that processes information by responding to external inputs, relaying information between each unit. The process requires multiple passes at the data to find connections and derive meaning from undefined data.
- Deep learning uses huge neural networks with many layers of processing units, taking advantage of advances in computing power and improved training techniques to learn complex patterns in large amounts of data. Common applications include image and speech recognition.
- Computer vision relies on pattern recognition and deep learning to recognize what's in a picture or video. When machines can process, analyze and understand images, they can capture images or videos in real time and interpret their surroundings.
- Natural language processing is the ability of computers to analyze, understand and generate human language, including speech. The next stage of NLP is natural language

Photo 1: Glimpse of the event; dated 8th September, 2018

General Participant Feedback:
Appreciations:

- Informative for career option
- Got to know about the skill sets which are essential for understanding AI
- Rich on R & D perspective

Recommendations:

- Interested to know more about developing AI
- Will love to participate in such webinars in near future

Convenor(s):
Mr. Abhishek Roy, Asso Prof CSE

ADAMAS UNIVERSITY
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Report of Seminar on Cyber forensic

Organized by: Dept of Computer science Engineering, School of Engineering & Technology
Date & Time: 24/11/2018
Mode of Delivery: Offline (AIT Video Conference Hall)
No. of Participants: 92, Nationality: Indian
Objectives: Research Methodology

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Dr. Amit Kumar Chaudhuri, Group Head – ICT & Services,Associate Director, CDAC, Kolkata	Digital forensic	Application design of Cyber forensic

Abstract of proceeding:

Presenting digital evidence during litigation can be a daunting task. Our certified federal and state cyber forensics experts have solved thousands of forensic cases and we will assist your legal team in presenting a winning case in any court worldwide.
All of our cyber forensics experts and certified instructors are notable worldwide leaders in computer and mobile device forensics, cellular triangulation and social media investigations. Featured in Wired Magazine, Esquire International, Fox News, CBS, ABC and NBC our company continues to provide computer forensic and cellular triangulation analysis to Law Enforcement nationwide, Law Firms, Hollywood Celebrities and private individuals.

Photo 1: Glimpse of the event; dated 24th Nov, 2018

General Participant Feedback:

Appreciations:

- Informative for career option
- Got to know about the skill sets which are essential for understanding digital forensic
- Rich on R & D perspective

Recommendations:

- Interested to know more about developing digital forensic
- Will love to participate in such webinars in near future

Convenor:

Ms Riya Sil, Asst Prof CSE

RIYA SIL

ADAMAS UNIVERSITY
BARASAT

Report on One Day Seminar on
Structural Steel and Its Application

Objective: To promote Skill development
Organized by: Dept. of Civil Engineering, School of Engineering & Technology
Date & Time: 4th May 2018
Mode of Delivery: Offline
No. of Participants: 50, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Mr. Manas Mohan Ghosh (AGM, INSDAG)	Structural Steel and Its Application	• History of Structural Engineering. • Need of Structural Engineers. • Traditional methods of steel design. • Modern techniques & tools for steel design.

Abstract of proceedings :*(in about 500 words)*

The Department of Civil Engineering, School of Engineering and Technology successfully organized a One Day Seminar on "Structural Steel and Its Application" on 4th May,2018. The seminar started with the welcome address by Mr. Bidhan Ghosh, DI of Civil Engineering Department, inaugurated the program, felicitated the gathering after giving an encouraging speech towards students on emphasizing the essentiality of structural steel & its application in Civil Engineering.

Mr. Manas Mohan Ghosh (AGM, INSDAG) provided talk to students/faculties regarding
1. Steel Design Philosophy (Open to the whole audience)
2. Codes and Standards (Open to the whole audience)
3. Limit State Design (Open to civil engineering faculties and students)
4. General Applications of Steel Design (Open to civil engineering faculties and students).

The session was very much interactive and implanting students with the essential values of inspiration, enhancement of their technological skills, motivation and encouragement for the betterment of their respective careers.

Photo 1: Glimpse of the event; dated 4/May/2018

General Participant Feedback:

Appreciations:

- Career pathway in design sector was revealed
- Information on structural steel & its application was an eye opener

Recommendations:

- Interested to know more about structural steel & its applications
- Hands on experience on design

Convenor(s):

1. Mr. Bidhan Ghosh , Asst. Prof. (CE)

Bidhan Ghosh

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BARASAT

Report on One Day Seminar on

High Performance Concrete and Its Application in Industry

Objective: To promote Research Methodology

Organized by: Dept. of Civil Engineering, School of Engineering & Technology

Date & Time: 24th November 2018

Mode of Delivery: Offline

No. of Participants: 60, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1 2 3 4	Mr. Abhinaba Biswas (08 years of Industry Experience in Gulf Countries), Mr. Sandip Banerjee (General Manager, ACC Limited), Mr. Arup Ghosh (Assistant Manager, BASF) Mr. Kamalesh Warrier (Zonal Head-East, BASF	High Performance Concrete and Its Application in Industry	• Use of High performance concrete in construction industry. • Need of High performance concrete. • Mix design of High performance concrte.

Abstract of proceedings :*(in about 500 words)*

The seminar started with the welcome address by Mr. Bidhan Ghosh, DI of Civil Engineering Department, inaugurated the program, felicitated the gathering after giving an encouraging speech towards students on emphasizing the essentiality of High Performance Concrete and Its Application in Civil Engineering.

Event delivered by Mr. Abhinaba Biswas (08 years of Industry Experience in Gulf Countries), Mr. Sandip Banerjee (General Manager, ACC Limited), Mr. Arup Ghosh (Assistant Manager, BASF) & Mr. Kamalesh Warrier (Zonal Head-East, BASF) .

High-performance concrete (HPC) is concrete that has been designed to be more durable and, if necessary, stronger than conventional concrete. HPC mixtures are composed of essentially the same materials as conventional concrete mixtures, but the proportions are designed, or engineered, to provide the strength and durability needed for the structural and environmental requirements of the project. This program helped implanting in students essential values of inspiration, enhancement of their technological skills, motivation and encouragement for the betterment of their respective careers.

The session was very much interactive and implanting students with the essential values of inspiration, enhancement of their technological skills, motivation and encouragement for the betterment of their respective careers.

Photo 1: Glimpse of the event; dated 24/November/2018

General Participant Feedback:

Appreciations:

- Informative for career option in site jobs.
- we can definitely find out our way if we follow each word said in the Seminar

Recommendations:

- Interested to know more about High performance concrete & its applications.
- Hands on training to cast High performance concrete.

Convenor(s):

1. Mr. Bidhan Ghosh , Asst. Prof. (CE)

Bidhan Ghosh

ADAMAS UNIVERSITY
BARASAT

Report on Workshop on

MS Project-Project Management

Objective: To promote Skill Development
Organized by: Dept. of Civil Engineering, School of Engineering & Technology
Date & Time: 22nd November 2018
Mode of Delivery: Offline
No. of Participants: 60, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Mr. Nabi Mahta (Senior Engineer in HSCL having 10 years of Experience & associated with SHAURYA INNOVATION OPC PVT LTD).	MS Project-Project Management	• Application of Primavera software in project management. • Workflow of the team member in the project. • Concept of lean management.

Abstract of proceedings :*(in about 500 words)*

The workshop started with the welcome address by Mr. Bidhan Ghosh, DI of Civil Engineering Department, inaugurated the program, felicitated the gathering after giving an encouraging speech towards students on emphasizing the essentiality of MS Project and Its Application in Civil Engineering. Event delivered by Mr. Nabi Mahta (Senior Engineer in HSCL having 10 years of Experience & associated with SHAURYA INNOVATION OPC PVT LTD).Primavera is an enterprise project portfolio management software. It includes project management, product management, collaboration and control capabilities, and integrates with other enterprise software such as Oracle and SAP's ERP systems. Primavera was launched in 1983 by Primavera Systems Inc., which was acquired by Oracle Corporation in 2008. This program helped implanting in students essential values of inspiration, enhancement of their technological skills help to get job in any best organisation.

Photo 1: Glimpse of the event; dated 22/November/2018

General Participant Feedback:

Appreciations:

- Informative for skill & career development.
- Gained idea also on Project management techniques.

Recommendations:

- Interested to know more about MS Project and project management software.
- Will love to participate in such workshop in near future.

Convenor(s):

1. Mr. Bidhan Ghosh , Asst. Prof. (CE)
2. Mr. Jayanta Nath Chowdhury, Asst. Prof. (CE)

Bidhan Ghosh

ADAMAS UNIVERSITY
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BARASAT

Report on Research aspects of Composite Materials in Civil Engineering

Objective: To promote Research Methodology
Organized by: Dept. of Civil Engineering, School of Engineering & Technology
Date & Time: 12th September 2018
Mode of Delivery: Offline
No. of Participants: 60, Nationality: Indian

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1	Dr. Tushar Kanti Dey, HOD & Associate Professor, Department of Civil Engineering, Pailan College of Management and Technology (Former Assistant Professor, NITTTR, Kolkata)	Research aspects of Composite Materials in Civil Engineering	• Need of composite material. • Use of composite material in construction industry. • Impact of composite material on longitudinal strength of reinforced composites.

Abstract of proceedings : *(in about 500 words)*

The Guest lecture started with the welcome address by Mr. Bidhan Ghosh, DI of Civil Engineering Department, inaugurated the program, felicitated the gathering after giving an encouraging speech towards students on emphasizing the essentiality of Composite material and Its Application in Civil Engineering. Event delivered by Dr. Tushar Kanti Dey, HOD & Associate Professor, Department of Civil Engineering, Pailan College of Management and Technology (Former Assistant Professor, NITTTR, Kolkata).A composite material is a material made from two or more constituent materials with significantly different physical or chemical properties that, when combined, produce a material with characteristics different from the individual components. The individual components remain separate and distinct within the finished structure, differentiating composites from mixtures and solid solutions. The new material may be preferred for many reasons: common examples include materials which are stronger, lighter, or less expensive when compared to traditional materials. This program helped implanting in students essential values of inspiration, enhancement of their technological skills.

Photo 1: Glimpse of the event; dated 12/September/2018

General Participant Feedback:

Appreciations:

- Informative for research guidance.
- We can definitely find out our way if we follow each word said in the event.

Recommendations:

- Interested to know more about Compossite materials.
- Will love to participate in such type of event in near future.

Convenor(s):

1. Mr. Bidhan Ghosh , Asst. Prof. (CE)

Bidhan Ghosh

ADAMAS UNIVERSITY
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BARASAT

SCHOOL OF LIBERAL ARTS AND CULTURE STUDIES

ADAMAS UNIVERSITY KOLKATA PURSUE EXCELLENCE

ADAMAS UNIVERSITY

DEPARTMENT OF BENGALI LANGUAGE & LITERATURE
&
DEPARTMENT OF ENGLISH LANGUAGE & LITERATURE

SCHOOL OF SOCIAL SCIENCES

REPORT OF SEMINAR

ON

Two day Workshop on Stylistics and translation for the skill development of students

Organised By: Department of Bengali Language and Literature, School of Social sciences

Date and Time: 20th February-21st February 2018, 10A.M – 5P.M.

Tool for Delivery: OFFLINE

Total Number of Participants Attended: 150, which include students, research scholars, and professors from across multiple disciplines.

Resource Person	**Topic**	**Major Concept**
Dr. Mahidas Bhattacharyya Prof. Jadavpur University Dr. Sayantan Dasgupta Prof. Jadavpur University	*Two day Workshop on Stylistics and translation*	• The importance of usage of mother tongue in Higher education. • Relevance of different aspects of stylistics in Literature. • Scope of translation in the field of higher studies.

Appreciations:

- Concise and riveting presentation of the topic.
- Special emphasis on the mechanism and emotional diverse related to language and translation..
- Excellent explanation of the co-relation between Literature and stylistics..
- The session was enriched with hands on training of the students on translation and stylistics..

General Feedback: The session was typically interactive and application based.

Convener: Dr.Kausheyee Banerjee, Assistant Professor, Department of Bengali Language and Literature, School of Liberal Arts and Culture Studies, Adamas University

Ms. Rimi Nandi, Assistant Professor, Department of English Language and Literature, School of Social Sciences, Adamas University

Kausheyee Banerjee

Rimi Nandy

ADAMAS UNIVERSITY
Two-Day Workshop on Stylistics and Translation

13TH RICE SAMABARTAN UTSAV 2018
RICE
EDUCATION

Adamas University &
School of Life Science and Biotechnology
Organise Workshop on
Impact of Microbes on Environment and Society

Name of the Instructor:

1. Dr. Abhrajyoti Ghosh, Assistant Professor in Biochemistry, Bose Institute
2. Dr. Rupak Bhadra, Chief Scientist, Infectious Diseases and Immunology division, Indian Institute of Chemical Biology
3. Dr. Rajib Majumder, Assistant Professor, Department of Biotechnology at Adamas University

Title of the Workshop: Impact of Microbes on Environment and Society

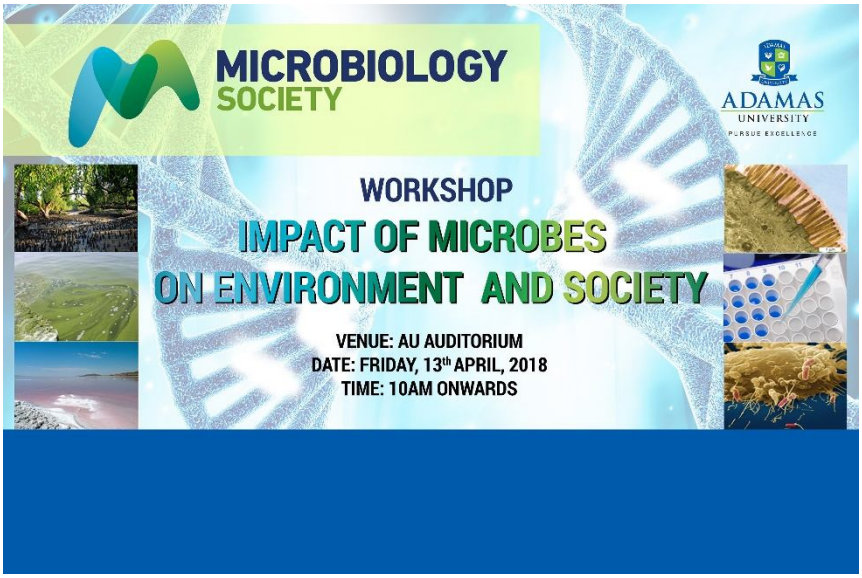
Category: Skill development for Post graduate students.

Date: 13.4.2018

No. of Participants: 150

Venue of Workshop: SOLB laboratory & Adamas University auditorium.

Objective of the Workshop: The Department of Microbiology in the School of Science organised a one-day workshop in collaboration with Microbiology Society, UK on the "Impact of Microbes on Environment and Society" at the Adamas University Auditorium. In the morning session, Dr. Abhrajyoti Ghosh, Assistant Professor in Biochemistry, Bose Institute, Kolkata engaged the audience with insights of microbial diversity in Sunderban mangrove systems and how they can be harnessed for benefit to the society. Next, Dr. Rupak Bhadra, Chief Scientist, Infectious Diseases and Immunology division, Indian Institute of Chemical Biology, Kolkata talked about molecular basis of diversity and evolution of a human pathogen, *Vibrio cholerae,* which can help better understanding of the pathogen and assist designing novel strategy to mitigate Cholera, a life threatening diarrheal disease. The third speaker in the workshop, Dr. Rajib Majumder, Assistant Professor, Department of Biotechnology at Adamas University interacted with the audience about the cutting edge CRISPR-Cas9 technology, which enables precise editing of the genome and currently revolutionizing the field of life science, biotechnology and genetic engineering. The second half of the workshop had hands-on session which started with a presentation by D. Badrinaryanan, Product Executive, Eppendorf India who spoke about proper pipetting techniques as well as types, maintenance and calibration of pipettes. The students had interactive and hands-on activity with manual, electronic and multi-channel pipettes. Overall more than 150 students and faculty members actively participated in the workshop.



Arindam Mitra, Ph.D.
Professor, Department of Microbiology
Adamas University

ADAMAS UNIVERSITY

SCHOOL OF EDUCATION

REPORT ON

Nai Talim, Experiential Learning and Work Education in School & Teacher Education Curriculum (A Consultative Workshop)

(Skill Development)

- **Organized by:** School of education in collaboration with Mahatma Gandhi National Council of Rural Education
- **Date:** 29.11.2018 to 5.12.2018
- **Time:** 10.30 am to 5 pm
- **Venue:** School of Education
- **Total No. of Participants:** 50 (from Adamas University and outside Adamas University)

- **Objectives of the Workshop:**

i. To develop Nai Talim, experiential learning, and Work Education based skills among the participants.

ii. To provide hands-on training through field visit, village engagement, community engagement, Teacher Education & school based activities in respect of experiential learning, Work Education, and Nai Talim.

iii. To prepare class wise and subject wise Work Education activities based on text books and B.Ed. curriculum.

iv. To engage participants in rural areas in order to grasp discovery and exploration based experiential learning.

v. To engage participants in community based activities through projects, case study, and group work for fostering experiential learning and Nai Talim based education.

vi. To involve participants in school based activities pertaining to curricular inclusion and Work Education.

vii. To visit B.Ed. colleges in order to adopt experiential learning approaches

Resource Persons	Major Concepts covered
Prof. (Dr.) Nemai Roy, Retired Professor, Department of Education, Kalyani University **Prof. (Dr.) N.L. Mitra,** Ex-Chancellor, KIIT University & Ex-Vice Chancellor, National Law School of Indian University **Prof. (Dr.) B.N. Pandey,** Dean, Law & Justice, Adamas University **Prof. (Dr.) Sanjb Ghosh,** Pro-Vice Chancellor, Adamas University	• Gandhiji's Tolstoy Farm and Nai Talim ideas on education • Nai Talim and NCF-2005, NCFTE-2010 and RTE-2009 • Education relating to life-Work Education & its Implications • Nai Talim for School Curriculum, Nai Talim Express • Strategic issues in Nai Talim Work Education • Strategic issues in Field Engagement in respect of Nai Talim, experiential learning, Work Education.

Outcome of the Workshop:

- Participants were divided into small groups and they prepared a design for experiential learning typology.
- Participants were divided into small groups and they developed a class wise and subject wise plan as per work education activities based on the text books from classes VI to X.
- Participants were assigned a topic from B.Ed. curriculum and individual group prepared experiential learning activity with steps, precautions, tools, checklists and evaluation. Individual groups presented their outcome in front of others.
- Participants were the film '*Anand Niketan'* which was featured on the theme Work Education.
- Participants visited local schools and conducted experiential learning activities with students.
- Participants were taken to a local village where they conducted different methodologies of PRA/PLA techniques, Transect, Social Mapping, Venn, FGD and resource mapping.
- Participants implemented their plans to a nearby B.Ed. college with respect to experiential learning.
- Participants presented their field based activities followed by discussion.

Convener: Binoy Krishna Bhattacharyya, Assistant Professor, School of Education

Binoy krishna Bhattacharyya

SCHOOL OF EDUCATION, ADAMAS UNIVERSITY ★ SOE A.U BARASAT

Flyer

Certificate Distribution

epartment of Education & Few Participants

Group Task

ADAMAS UNIVERSITY

SCHOOL OF EDUCATION

REPORT ON

Development of Counselling Skills

(Skill Development)

- **Organized by:** School of Education
- **Date:** 27.06.2019
- **Time:** 02.00 pm to 5.00 pm
- **Venue:** AU Auditorium**,** Adamas University
- **Total No. of Participants:** 100 (from Adamas University and outside Adamas University)
- **Objectives of the Workshop:**

i. To develop counselling skills among the participants.

ii. To analyze counselling skills according to psychological, sociological, physiological, spiritual & philosophical perspectives.

iii. To make participants understand how to identify learners who are suffering from certain issues.

iv. To analyze major counselling skills such as Observation, Active Listening, Communication, Empathy, Reinforcement, Probing Skills, Organizing Facts

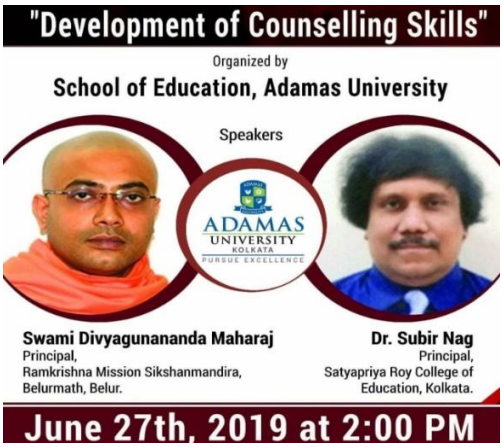
v. To prove hands-on training related to counselling skills.

Resource Persons	Major Concepts covered
Dr. Subir Nag, Principal, Satyapriya Roy College of Education, Kolkata **Swami Divyagunananda Maharaj,** Principal, Ramkrishna Mission Sikshanmandira, Belurmath, Howrah.	• Concept & Importance of Counselling Skills for Teachers • Issues related to different students in a classroom • Spiritual & Philosophical Aspects of Counselling Skills • Psychological, Sociological, Physiological of Counselling Skills • Counselling Skills: Observation, Active Listening, Communication, Empathy, Reinforcement, Probing Skills, Organizing Facts • Mental Status, Mind Set & Learning Abilities • Sociometry • The role of counsellors, psychologists, psychiatrists, teachers, and parents in counselling process.

Outcome of the Workshop:

- Participants practiced meditation as a means of counselling skills.
- Participants prepared a sociometry in order to identify different learners in a classroom like star, popular, isolates and rejectees.
- Participants were given a handout related to different learning abilities of learners.
- Participants developed a design how to implement major counselling skills like observation, active listening, communication, empathy, reinforcement, probing skills, and organizing facts.

Patron: Prof. (Dr.) Mita Banerjee, Pro-Vice Chancellor & Dean, School of Education



Flyer

Lighting of the Lamp

Guests and Participants

Convener (s):

i. **Binoy Krishna Bhattacharyya**, Assistant Professor, School of Education
ii. **Sanjoy Dutta,** Assistant Professor, School of Education

Binoy Krishna Bhattacharyya

Sanjoy Dutta

SCHOOL OF EDUCATION, ADAMAS UNIVERSITY SOE A.U BARASAT

ADAMAS UNIVERSITY ADAMAS BARASAT

Report of Workshop on

MULTIVARIATE QUANTITATIVE TECHNIQUES IN MANAGEMENT

Organized by: Dept of Management, School of Business and Economics
Date & Time: 14/11/2018-18-11-2018 (10.00 am-4.30 PM)
Mode of Delivery: Offline
No. of Participants: 30 ; Nationality: Indian

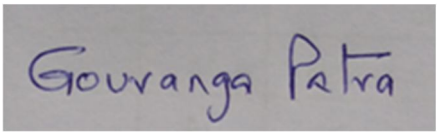
Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1.	**Name- MR SOUVIK DUTTA** Designation- CHIEF MANAGER, CUSTOMER INTELLIGENCE & ANALYTICS- Organization-SPENCER'S RETAIL LIMITED, KOLKATA **Name- DR SUSMITA CHATTERJEE** Designation-FELLOW, IIM KOLKATA, ASSISTANT PROFESSOR, MAHARAJA Organization- MANINDRA CHANDRA COLLEGE, KOLKATA,	**MULTIVARIATE QUANTITATIVE TECHNIQUES IN MANAGEMENT**	• SPSS Training • Hypothesis testing using tools • Business forecasting • Panel-Discussion • Regression analysis

Abstract of workshop:

In this present competitive market, all marketers are asking business solution with the help of analytical tools and techniques. For the management students, it is essential to know how the business should grow and how to take business decisions in emergency. Looking the facts in mind , the school of management have designed some program which will grow our students to enlarge their analytical skill with the help of different analytical tools. This will help them in future to work in large corporate and also to take right strategic decisions. The objective of the workshop is to get a real field exposure through the different case studies and their application by using different tools like SPSS, STATA. Few major areas are covered like **business forecasting, panel data analysis, regression models; factor analysis Logistic regression and cluster analysis etc and** these are most essential techniques applied by the large corporate house. The motive of this workshop is to how these techniques used by the organization for their business decision making and as a managers what types techniques will use in what kind of situations. Mr Souvik Datta came from SPANCER RETAIL LTD and Prof (Dr) Susmita Chatterjee has covered the whole techniques with some real case in Retail industries, health care industries and Pharma Industries and FMCG industries. The management students have attended this program and also solved few problems and how to overcome the problem in real situation.

Convenor(s):



Dr Gouranga Patra, Associate
Professor, Department of Management, SOBE, AU

Report of Seminar On

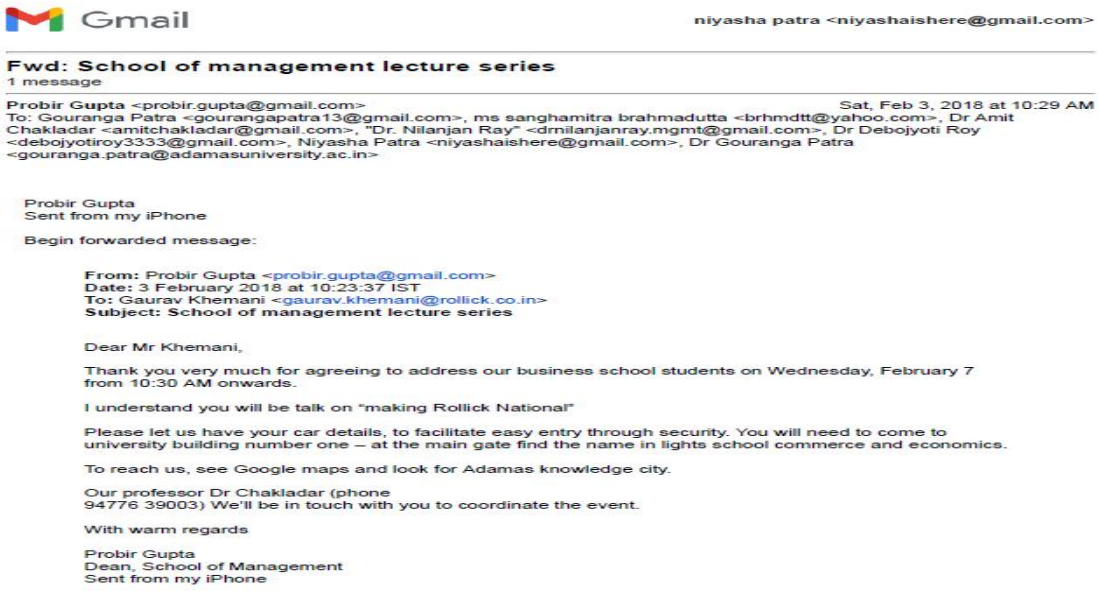
Making Rollick National

Organized by: School of Management
Date & Time: 7th February 2018, 10:30am to 12:30PM
No. of Participants: 67 UG and PG Management Students

Summary of Sessions

Sl. No.	Resource Person with details	Topic	Major Insights
1.	Name: Mr. Gaurav Khemani Designation: Director of Rollick Icecream Organization:Rollick Icecream	Making Rollick National	To encourage, support and be an eye-opener to the best practices of the corporate. It will help the students to understand different stages, challenges, available support and government policies which would help them to achieve success in their journey to excellence.

Email Communications :(Screen Shot)



Gmail niyasha patra <niyashaishere@gmail.com>

Fwd: School of management lecture series
1 message

Probir Gupta <probir.gupta@gmail.com> Sat, Feb 3, 2018 at 10:29 AM
To: Gouranga Patra <gourangapatra13@gmail.com>, ms sanghamitra brahmadutta <brhmdtt@yahoo.com>, Dr Amit Chakladar <amitchakladar@gmail.com>, "Dr. Nilanjan Ray" <drnilanjanray.mgmt@gmail.com>, Dr Debojyoti Roy <debojyotiroy3333@gmail.com>, Niyasha Patra <niyashaishere@gmail.com>, Dr Gouranga Patra <gouranga.patra@adamasuniversity.ac.in>

Probir Gupta
Sent from my iPhone

Begin forwarded message:

From: Probir Gupta <probir.gupta@gmail.com>
Date: 3 February 2018 at 10:23:37 IST
To: Gaurav Khemani <gaurav.khemani@rollick.co.in>
Subject: School of management lecture series

Dear Mr Khemani,

Thank you very much for agreeing to address our business school students on Wednesday, February 7 from 10:30 AM onwards.

I understand you will be talk on "making Rollick National"

Please let us have your car details, to facilitate easy entry through security. You will need to come to university building number one – at the main gate find the name in lights school commerce and economics.

To reach us, see Google maps and look for Adamas knowledge city.

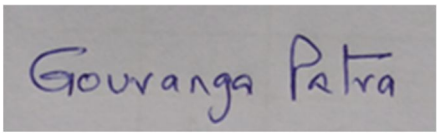
Our professor Dr Chakladar (phone 94776 39003) We'll be in touch with you to coordinate the event.

With warm regards

Probir Gupta
Dean, School of Management
Sent from my iPhone

Photograph of the Event:

Convener(s):



Dr Gouranga Patra, Associate Professor,

Department of Management, Adamas University.

Report of the National Seminar

Advances in Pharmaceutical Technology: Opportunities and Challenges
(Skill Development)

Organized by: School of Pharmaceutical Technology
Date & Time: February 22, 2019-February 23, 2019
Mode of Delivery: Offline
Venue: Convention Centre, Adamas University, Kolkata

Summary of Sessions

Day	Sl. No.	Resource Person with details	Topic	Major Insights
Day 1	1	**Dr. Gurumurthy Hegde** Prof. CNR Rao Chair Professor BSN Centre for Nano-materials and Displays BMS College of Engineering, Bengaluru	Application of biowaste based nanoparticles	• Methods of producing porous nanoparticles from bio-waste materials • Optimization of those particles • Application in health sector
	2	**Prof. Urmi Chatterji,** Cancer Research Laboratory, Department of Zoology, University of Calcutta	Cell signaling pathways modulating pathophysiology of cancers	• Drugs acting on specific cellular signaling components or metabolic pathways • Effective drugs directly on cell-surface receptors • Presence of breast cancer stem cells in chemo-resistant tumors
Day 2	1	**Mr. Himanshu Lashkari,** Site head Fresenius Kabi Oncology Ltd., Kalyani, West Bengal	Changing the world of oncology drug development —A global pharmaceutical company's perspective	• Pharmaceutical Industry's Pipeline • Substantial improvements in the lives of cancer patients
	2	**Prof. Biswajit Mukherjee** Professor and former Head, Dept. of Pharmaceutical Technology, Jadavpur University, Kolkata	Approaches of Site-specific Drug Delivery	• Site-specific targeting of nanocarrier to diseased organ by receptor-mediated endocytosis

Abstract of proceedings:

School of Pharmaceutical Technology, Adamas University has organized two days National Seminar on Advances in Pharmaceutical Technology: Opportunities and Challenges at convention centre of Adamas University campus, in the capital city of Kolkata. The seminar was inaugurated by Prof. Madhusudan Chakraborty, Vice-Chancellor Adamas

University, Kolkata on 22nd February 2019.The event was attended bymany luminaries like Dr. Kanchan Kohli, Professor & Head Dept. of Pharmaceutics, Jamia Hamdard University, New Delhi, Dr. Gurumurthy Hegde Prof. CNR Rao Chair Professor BSN Centre for Nano-materials and Displays BMS College of Engineering, Bengaluru, Prof. Urmi Chatterji,Cancer Research Laboratory, Department of Zoology, University of Calcutta. Addressing the seminar, Prof. Madhusudan Chakraborty, Vice Chancellor Adamas University,has underscored the importance of organizing the National Seminar in the field of Pharmacy and complimented School of Pharmaceutical Technology for successfully organizing the mega event. Pro Vice Chancellor Prof. Arun K Majumdar in his deliberation highlighted the position and status of India in pharmaceutical manufacturing. The Patron & Chancellor of Adamas University Prof. Samit Ray have conveyed his best wishes for the successful completion of National Seminar. The seminar report was presented by Dr. Rajat Ray, Dean, School of Pharmaceutical Technology. In his report, Dr. Rajat Ray stated that more than 400 delegates from around 20 Institutions from various parts of the country have participated in the conference.

The plenary lecture was delivered by Dr. Kanchan Kohli, Professor & Head Dept. of Pharmaceutics, JamiaHamdard University, New Delhi. She explained the role of Nano systems in the development of new herbal formulations & nutraceuticals which are reported to have remarkable advantages over conventional formulations of plant actives and extracts which include enhancement of solubility, bioavailability, expansion of stability, sustained delivery, improved tissue macrophages distribution, protection from toxicity, enhancement of pharmacological activity and protection from physical and chemical degradation.

The first key note lecture was delivered by Dr. Gurumurthy Hegde Prof. CNR Rao Chair Professor BSN Centre for Nano-materials and Displays BMS College of Engineering, Bengaluru. In his lecture, he highlighted the application of biowaste based nanoparticles and its application in health sector. He summarizes the methods of producing porous nanoparticles from bio-waste materials, tuning them effectively with respect to temperature, time and size. These porous nanostructures are having nano sizes ranging from 20 nm to 200nm with surface area changing from 2 to 3000 m^2/g. One of the striking features of these nanoparticles is their high dispersion quality as evidenced from its Zeta potential values.

The second key note lecture was delivered by Prof. Urmi Chatterji, Cancer Research Laboratory, Department of Zoology, University of Calcutta. She explained the possibilities to design chemicals which will act on specific cellular signaling components or metabolic pathways, by affecting sites directly on cell-surface receptors, and eventually modulate signaling pathways controlling cellular functions. Therefore, any drug must fulfill two requirements: (i) the drug must be found to be effective against the disease for which it has been designed, and (ii) the drug must meet safety criteria by being subject to animal and controlled human testing. Although different treatment strategies have proved to be effective for various types of breast cancers, relapse of tumors still render this disease incurable in a large number of affected women all over the world. Studies examining human breast cancer tissues have demonstrated the presence of breast cancer stem cells (brCSCs) within the tumors which are fiercely chemoresistant and implicated to disease recurrence even after successful chemotherapy.

On second day i.e on 23rd February, the first key note lecture delivered by Mr. Himanshu Lashkari, site head Fresenius Kabi Oncology Ltd., Kalyani. He emphasized on changing the world of oncology drug development —A global pharmaceutical company's perspective. He also added that more than 200 compounds in the Pharmaceutical Industry's pipeline, substantial improvements in the lives of cancer patients are anticipated.

Prof. Biswajit Mukherjee, Professor and former Head, Dept. of Pharmaceutical Technology, Jadavpur University, Kolkata has delivered second key note lecture on few Approaches of Site-specific Drug Delivery. He also added that nowadays, site-specific targeting of nanocarrier to diseased organ by receptor-mediated endocytosis has attracted significant attention among the researchers around the world in order to develop therapeutic weapon against metabolic disorders like cancer,

diabetes and infectious diseases. Most of these targeting strategies rely on the targeting of proteins specifically expressed by the diseased cells with ligand. However, these ligand-based site-specific targeting approaches have some serious drawbacks (toxicity, non-specificity and make the process costilier) which hinder the pace of translation from laboratory to clinic.

Dr. AnjanAdhikari,Coordinator, Adverse Drug Reaction Monitoring Centre & Associate Professor,Pharmacology, R.G. Kar Medical College, Kolkata share that ADR monitoring is an essential need for the betterment regulation, clinical practice as well as public health. Here lies the role of Pharmacovigilance. He explained the importance of developing national pharmacovigilance centres that were responsible for reporting all kinds of adverse effects of drugs. He added that World Health Organization (WHO) first established its Programme for International Drug Monitoring, in 1961 and this was co-ordinated by WHO Collaborating Centre for International Drug Monitoring, known as the Uppsala Monitoring Centre (UMC). At the end of 2010, 134 countries were part of the WHO PV Programme. National Co-ordination Centers are appointed by Government of each country that participates in this programme. These centres collect reports on ADRs and submit it to UMC. It is the responsibility of UMC to process, evaluate and enter the data in WHO International Database. The ADR monitoring system for India was proposed in 1986 with 12 regional centers. India joined the WHO-ADR program based in Uppsala, Sweden in 1997.

In the concluding remark he informed that, recently Pharmacovigilance have spread its concern towards herbal medicines, traditional and complementary medicines, devices and have included these as some important aspects. The role of Pharmacovigilance in medicine is to improve the patient care and safety regarding the efficacy, rational use of medicine, cost-effectiveness and the most important is to monitor the adverse events related to these medicines.

The scientific committee has made elaborate arrangements for a fruitful scientific session. Around 120 abstracts are received for poster presentation apart from 20 oral presentations covering the areas like Pharmaceutics, Pharmaceutical Technology Bio Pharmaceutics, Pharmaceutical chemistry, Pharmacy practice etc. The Convener of Conference, Dr. Sagar Naskar, profusely thanked each member of the team, who have supported us in their own way in our endeavor to make this seminar a grand success.

General Participant Feedback:

Appreciations: Satisfactory and informative.

Recommendations: To be organised in future and few of the participants expressed their interest to participate in offline hands on training for this topic.

Convenor(s): Dr. Sagar Naskar

Co-convenor: Dr. Arindam Maity

Photographs:

Image 1: Inauguration in presence of honourable guests

Image 2: The Dean of the school addressing the audience before starting of the program

Image 3: Felicitation of respected guest

Image 4: Talk by one of the honourable guest

Image 5: Cultural performance by the students of the school

Image 6: Representation of the Organization committee

Image 7: Cultural performance by the students of the school

Image 8: Guests and organizing committee members with the conference proceedings

Image 9: The Dean felicitating one of the plenary speakers

Image 10: The Dean felicitating one of the plenary speakers

Signature of the Head of the Department:

Signature of The Dean:

Report of

Fake news: Monster becoming the master, State level seminar
Skill Development

Organized by: Dept of Journalism and Mass Communication (JMC), School of Social Sciences
Date & Time: 03/02/2018 to 03/02/2018
Mode of Delivery: Offline
No. of Participants: 200

Summary of Sessions

Sl. No.	Resource Person with Details	Topic	Major Insights
1.	**Name:** Mr. Paranjay Guha Thakurta **Designation**: Journalist	Fake News	• "Fake news" is a term that has come to mean different things to different people. • At its core, we are defining "fake news" as those news stories that are false: the story itself is fabricated, with no verifiable facts, sources or quotes. .
	Name: Mr. Shankar Lal Bhattacharya **Designation**: Journalist **Organization:**	Journalism and the future	• The ways in which fake news could be controlled in the media • The changing scope of media education
	Name: Mr. Subir Ghosh **Designation**: Journalist and Professor **Organization:**	Application of Communication theories	• Relevance of communication theories in everyday life • Case studies of different media theories which exist
	Name: Mr. V. K .Cherian **Designation**: Journalist and Strategic Communicator **Organization:**	Public relations	• Changing communication practices • Tools of public relation • Marketing Communication
	Name: Mr. Sovan Tarafder **Designation**: News Editor **Organization:** Ei Somoy	Ways to curb the spread of fake news in broadcast media	• News on television • News capsules • Fake news menace due to live news

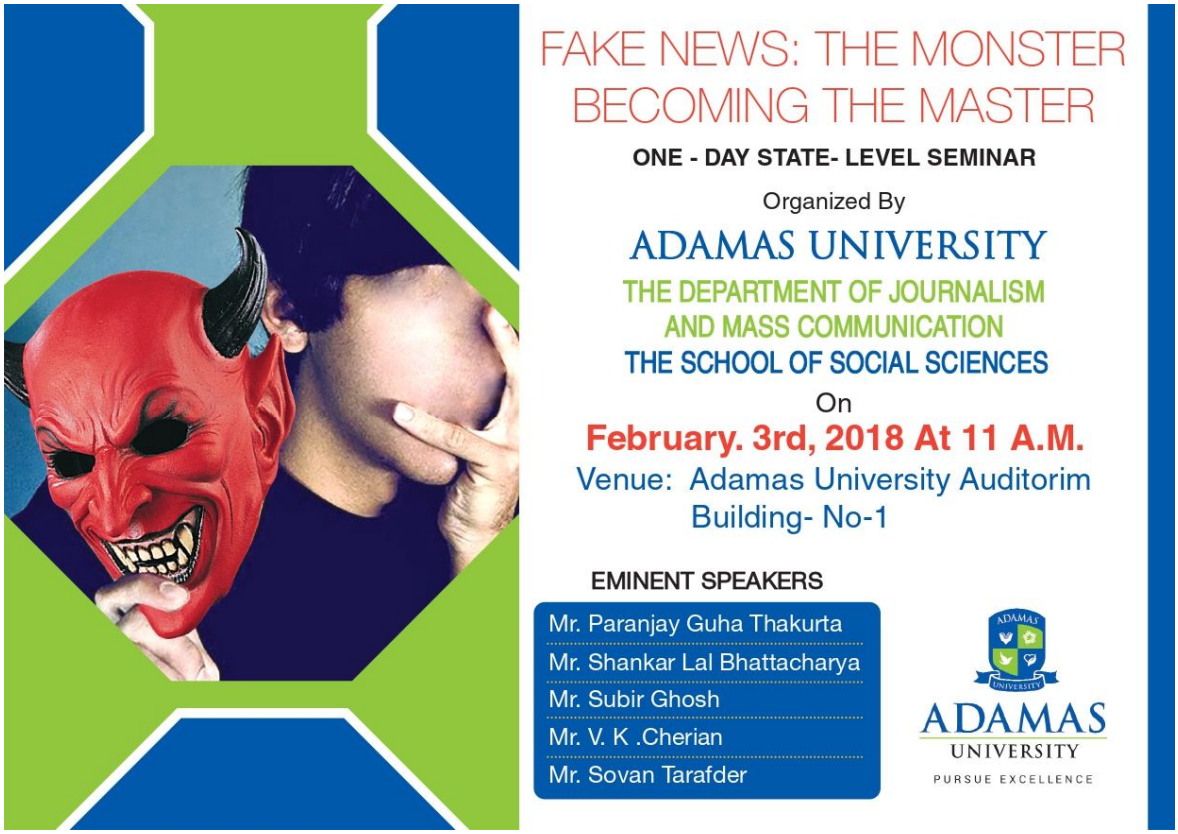


Figure 1: Flyer

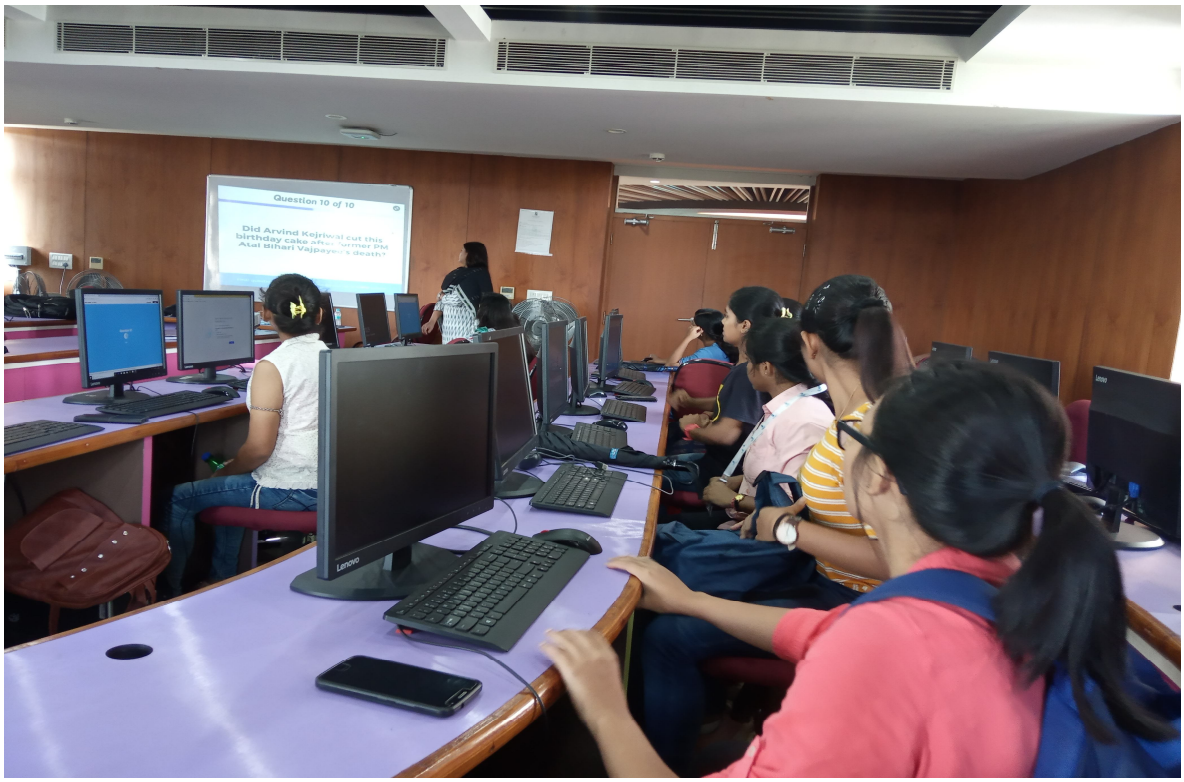


Figure 2: Students attending the Fake news busting workshop

Abstract of Proceedings:

The Fake News state level webinar organized by the Kolkata-based Adamas University witnessed students attending the workshop with a lot of zeal and enthusiasm.. It was an absolute enriching experience for the media students across of the department as they listened to many methods of fake news busting

Today, fake news has become a menace and as there a plethora of media and proliferation of online platforms, it has become increasingly difficult to keep a control on the content which is generated by user created platforms. Fake news is untrue information presented as news. It often has the aim of damaging the reputation of a person or entity, or making money through advertising revenue. Once common in print, the prevalence of fake news has increased with the rise of social media. Fake news can reduce the impact of real news by competing with it. It also has the potential to undermine trust in serious media coverage.

The students learnt a number Google tools online which are effective ways of busting fake news. Also, the following measures were suggested to the students:

Many scholars and academicians from across the state participated with full zeal and vigour in the state level webinar and presented research papers and enlightened the audience. It was a highly appreciated seminar wherein discussions not only about curbing fake news but also the future of media was discussed, The eminent speakers at length highlighted that the media today is engrossed with fake news menace, which needs to be checked by the gatekeepers of the media. They also embarked upon the future practices in the field of journalism, public relation, strategic communication, advertising, films, broadcast media, etc.

Convenor: Prof. Tridib Chakrabarti, Dean, School of Social Sciences,

Adamas University (AU), Kolkata