Vibrance

MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY,
WEST BENGAL

Utech

In Pursuit Of Knowledge And Excellence

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Message from the Vice Chancellor

It is a pleasure to be a part of this Newsletter 'Vibrance' since its inception. This is the third in its series and I feel happy that it has been able to successfully showcase diverse quality activities of the University and reach out to the fraternity at large. As a technological University we are trying to shape our students in trend with the latest developments in Engineering and Technology. Accordingly, it is commendable that the Editorial Board has tried to project all the developmental events being organised and I congratulate them for their endeavour. I am sure that this Newsletter is becoming a must- read chronicle and I wish it every success in its future issues.

Prof. Saikat Maitra

Vice Chancellor

Maulana Abul Kalam Azad University of Technology, West Bengal

Message from the Registrar

It is a good effort by the editorial board and a great way to stay connected with the latest University News. The newsletter offers a brief look at each news story and puts forth diverse activities in a timelier manner than ever before.

I find myself inspired and energized, and I hope you will be too as you read about what we have accomplished together in the past few months.

All My Best Wishes!

Dr. Partha Pratim Lahiri

Registrar

Maulana Abul Kalam Azad University of Technology, West Bengal

From the Desk of the Editor

Welcome to the third issue of Vibrance!

It gives immense pleasure to receive feedback that the earlier issues of Vibrance have been well received by the fraternity which highly boosts the spirits of the editorial board.

The spring issue portrays various events that range from new initiatives taken by the University in areas of Digital Inspection, Digital Pedagogies, School Connect, Street Library Movement to workshops organised in trending technologies such as Machine Learning, Cybersecurity, Food Processing, Digital Marketing and so on. The focus is also on the MoUs signed with various organisations for conduction of courses and training activities. This edition also showcases extra-curricular activities of students and their contributions in the form of photography, poetry etc.

Vibrance values your contribution and I look forward to your continuous support in the coming issue.

With Best Wishes,

Dr. (Mrs.) Somdatta Chakravortty

Associate Professor, Dept. of Information Technology,

MAKAUT, WB

Editor-

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Inside this Issue

BOOK FAIR 2019

The inauguration of the book fair stall of Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal in Kolkata International Book Fair this year was done by the Hon'ble Vice-Chancellor, Prof Saikat Maitra on the 31st of January, 2019 with a unique objective . Besides publications, the aim was to make our future generation aware about the educational opportunities available in West Bengal as well as uphold professional courses offered by the affiliated colleges under the University.

The University showcased several professional programmes that promote employability and entrepreneurship amongst students that generated a lot of interest amongst the young visitors and their parents.

School Connect Programme

The University used this platform to reach out to the school children to guide them about their future career prospects through its "School Connect Programme". The aim was to bridge the information gap that comes in the way of their choice of appropriate profession in future. The focus was to promote the Universities programmes among the school students to apprise them about various programmes offered. The Recently launched B.Voc programmes in the affiliated colleges also aroused lot of interest amongst the students. The University handed out free-fliers/leaflets containing information about 175 programmes (Technical, Professional, Vocational and Certificate). The fliers/leaflets were well-accepted among the target students.

Donation of Books

The platform of Book Fair was helpful for the University in its initiative in collecting books for encouraging book reading habits in the society. Construction of Street/Open libraries was encouraged at different locations of the State. This unique endeavour became quickly popular. Books were donated at the stall itself and many assured to help donate books at regular intervals. It was conveyed at the Book Fair that if necessary, the University representatives may collect books from the residences of the donors. The MAKAUT help desk numbers have received calls even after the completion of the Book Fair. This showed that people were looking forward to donate books generously.

Photography: Diptangsu Samaddar, B. Tech, IT

Workshop on 'Cryptography and Cyber Security'

A 5-day workshop on ""Cryptography and Cyber Security" was organized by the Department of Information Technology in the University Main Campus in association with Islamic University of Science and Technology (IUST), Kashmir from 12th to 16th February, 2019. The workshop was financially sponsored by TEQIP III of the University.

The aim of this workshop was to introduce areas of Cryptography and Cyber Security to the participants.

The workshop was inaugurated by the Hon'ble Vice Chancellor, Prof. Saikat Maitra and Shri Debashish Sen, Additional Chief Secretary, Department of Information Technology and Electronics, Govt. of West Bengal who was the Chief Guest of the occasion.

The target audience was 100 comprising Faculty Members, Research Scholars and M. Tech. students of Information Technology and Computer Science & Engineering of MAKAUT and affiliated Institutions. Faculty members from the Department of Computer Science and Engineering from IUST, Kashmir also participated in the workshop.

The workshop witnessed powerful informative deliberations of eminent and distinguished speakers such as Prof. Bimal Kumar Roy, Indian Statistical Institute, Kolkata, Prof. Al-Sakib Khan Pathan, Southeast University, Bangladesh, Prof. Feng Hao, University of Warwick, UK, Prof. Anthony TS Ho, University of Surrey, UK, Dr. Amit Chaudhyri, C-DAC, Prof. Dipanwita Roy Chowdhury, IIT Kharagpur, Shri Sanjoy Kumar Das, Joint Secretary (IT&E) amongst others. The workshop ended satisfactorily amidst satisfaction amongst the audience and distribution of certificates amongst participants.

National Workshop On Sustainable Food Processing and Technologies

A two day workshop on 'Sustainable Food Processing and Technologies' was organized at the University Main campus on 21st and 22nd of February 2019. The workshop was hosted by the Department of Biotechnology, Maulana Abul Kalam Azad University of Technology (MAKAUT) under the TEQIP phase III twinning program.

Hon'ble Vice Chancellor, Prof. Saikat Maitra, inaugurated the program and reiterated on the needs for technology integration towards food security, sustainable food, and skilling local community in different areas of food processing forcohesive social developments.

The basic aim was to extend knowledge on the trends in food processing technologies alongside some hands on exposures in FSSAI certified manufacturing units near Kolkata. Nearly 150 participants from the university community, govt organizations and local bodies took benefit out of it. Areas highlighted were i) Fortified foods& probiotics, ii) Sustainable food processing technologies, and iii) Successfulventures in sweetmeatstechnologies.

Prof. H N Mishra,Dept of Agricultural and Food Engineering, IIT Kharagpur extended a very detailed study on 'Novel Food Products & Processes for Nutrition & Health Security - Opportunities in Food Processing Sector. Prof. Utpal Raychaudhuri, Former Professor in Department of Food Technology and Biochemical Engineering, Jadavpur University, presented different case studies on sustainable food technologies and mechanized operations in small scale for safe-handing and economic developments in rural and urban communities. Shri R K Paul Managing Director, Hindustan Sweets Ltd., Jadavpur, gave a very lucid presentation on sweetmeats processing and showed some clear path to help start-ups for a fast track business growth.

On the second day participants went for a factory visit at the Hindustan Sweets Ltd., Jadavpur, Kokata to witness mechanized sweetmeat processing, testing facilities and safety needs, contamination control, packaging techniques etc. The response was overwhelming and the faculty members & participants felt a need to organize food processing and technology workshops regularly in MAKAUT Haringhata campus.
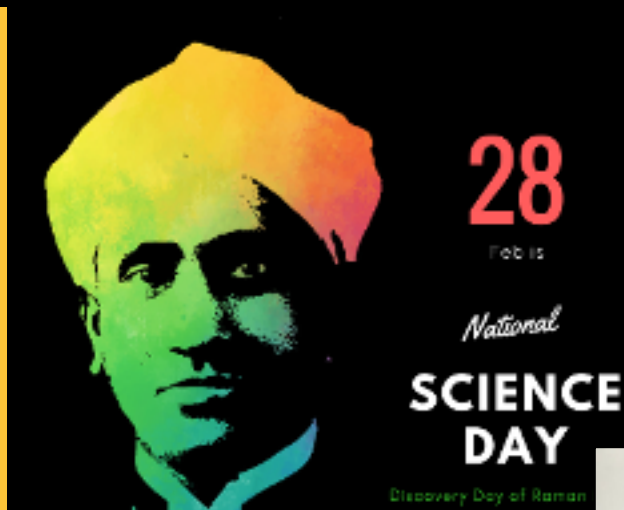
Annual Athletic Meet

The Annual Athletic Meet was organized in the University Campus on 22nd February,2019. The number of female and male students who participated in various events were 86 and 140 respectively. 46 female and 110 male staff members of the University participated in the meet.

Various events that were organized are as follows:

- 200 Mts. Run Girls
- 200 Mts. Run Boys
- Shot Put Girls & Staff
- Long Jump Girls & Shot Put Boys & Shot Put Female Staff (45-60y)
- Discuss Throw Boys & 200 Mts. Run Male Staff (Age <45y)
- Discuss Throw Girls & Long Jump Boys & Target Goal (Male Staff)
- 100 Mts. Run Girls & Kicking the Ball Staff Male
- 100 Mts. Run Boys & Hitting the Wicket Male Staff
- 200 Mts. Walking Female Staff (Age>45y & <45y) & 200 Mts. Walking Male Staff (Age>45y & >60y)
- 100 Mts. Run Female Staff (Age<45y)
- 100 Mts. Run Male Staff (Age<45y)
- Relay Race Boys
- Relay Race Girls
- Musical Chair Female Staff

National Science Day

The National Science Day was organised on 28th February, 2019 in the Seminar Hall of Academic Building, Main Campus. Eighty Educational Institutions affiliated to the University participated in the programme. More than 70 innovative projects created by the student community were showcased and near about 450 participants took part in the initiative.

University had planned the programme in a coordinated manner with an intention to encourage entrepreneurial spirit among its student and alumni community by comprehensive start-up assistance through its EKTA Incubation Center and to provide a platform to display the technical talent of students and

demonstrate their innovativeideas. A panel of experts assessed the techno-commercial potential of the projects presented. Quality projects were recommended for nurturing at MAKAUT's EKTA Incubation Center for comprehensive start-up support.
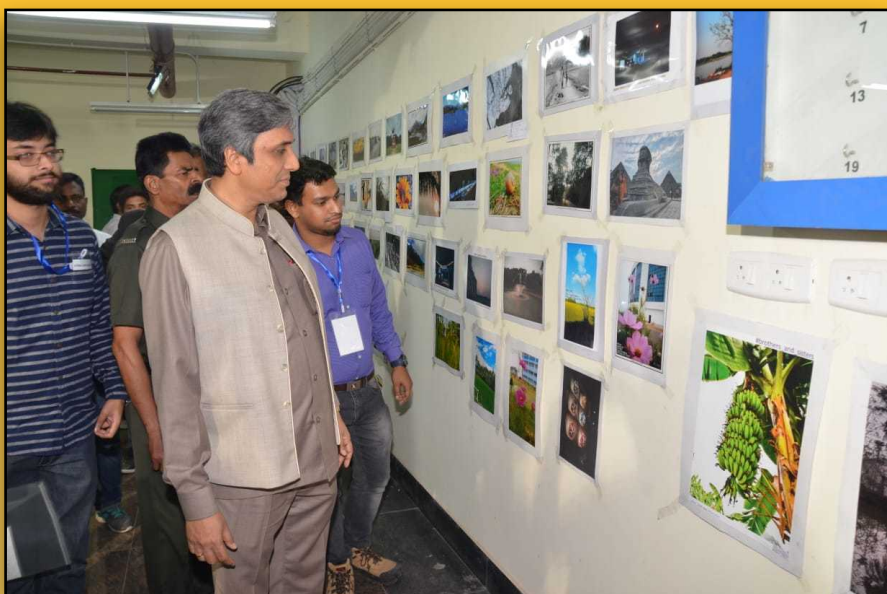
The National Science Day was inaugurated by the Hon'ble Vice Chancellor, Prof. Saikat Maitra. In his speech he stressed on the development of new innovative areas of science and technology. Prof. D. Dhar Patra, Vice Chancellor, Bidhan Chandra Roy Krishi Viswa Vidyalaya was present as the Chief Guest on the occasion. Other honoured guests on the occasion were Mr. Pradip Chopra, Chairman, Ilead, Prof. Satyajit Chakravorty, Director, Institute of Engineering and Management amongst others. Prof. Sukhendu Samajdar and Dr Subhabrata Roychaudhuri coordinated the entire event.

Innovative Science Models Contest was conducted which the first prize was bagged by the team from Institute of Engineering and Management, Kolkata, second prize by the team from Dr. B.C. Roy Engineering College, Durgapur and third prize by the team from Haldia Institute of Technology. Seminar Competition, Poster Contest and Mobile Photography contest was also conducted on this occasion.

Certain projects drew special attention of the jurists namely Smart Dustbin, Military Drone, Drone to be used for Agricultural purpose, Walking stick for the blind, etc. Already the project on walking stick for the blind has been taken up for making it viable for use and an NGO namely Paschimbanga Pratibandhi Sammelani was approached to tests its uses and suggest specification if required in this regard and they have appreciated the innovation highly. The concept of anti-raping gloves and air-bike developed to be operated without the use of fossil fuel was also highly commended by the jurists.

The prize winners of the Innovative Science Model Contest were invited by the University to demonstrate their models separately to our students and faculty memberson 25th April,2019.

Digital Inspection of Colleges - A New Era

Maulana Abul Kalam Azam University of Technology(MAKAUT), West Bengal has initiated a new age of Digital Inspection of its affiliating colleges, which is perhaps the first of its kind in the country. About 200 colleges can now be inspected digitally through video conferencing.

MAKAUT entered into this new era on the 7th of March 2019, as the Hon'ble Vice-Chancellor Prof. Saikat Maitra inaugurated the inspection system from its Salt Lake campus. He was accompanied by the Inspector of Colleges, Dr. Swapan Kumar Maity and interacted with the Principal, Prof. Ramkrishna Patra of Institute of Management Science, Bharatiya Vidya Bhavan. They also interacted with students about their academics and research projects. The authorities were asked to show-case different start-up initiatives by the students of the institute and prepare a video of such projects.

It was felt that the colleges can be more effectively monitored through this mechanism enabling inspection of colleges easier and faster. All India Council for Technical Education (AICTE) has also appreciated this initiative of the University.

Workshop on MOOC and MAR

The University conducted workshops on Massive Open Online Courses (MOOCs) and Mandatory Additional Requirements (MAR) to address its implementation related issues. The first workshop was held on 21st February, 2019 at the Salt Lake campus of the University for affiliated colleges in Zone 4. On 25th February, 2019 the second workshop was held on the same topic for colleges in Zone 3 at the Haringhata Campus of the University. Faculty members of affiliated colleges participated in the workshop. Prof. Sibamay Dasgupta, Prof. P.N. Dutta, Dr. Somdatta Chakravortty and Smt. Rapti Ray from the University deliberated on the subjects and answered queries raised by the participants. A similar workshop was also conducted on 2nd March, 2019 in the Swami Vivekananda Auditorium of Supreme Knowledge Foundation Group of Institutions, Mankundu.

Workshop in Intellectual Property Rights

A Workshop on Intellectual Property Rights was organized on 14th March, 2019 in the Salt Lake Campus of the University under the banner of its Technology Business Incubator (TBI), EKTA Incubation Centre. The workshop was arranged in association with Technology Information, Forecasting and Assessment Council (TIFAC), Department of Science and Technology, Govt. of India. The Hon'ble Vice-Chancellor of the University, Prof. Saikat Maitra stressed on the power of innovation and advised the participants to undertake their own start-ups in order to give reality to their innovative ideas. He stated that such innovations and entrepreneurial initiatives will ultimately benefit the society at large.

The objective of this workshop was to create an awareness amongst the students Intellectual Property Rights (IPR) rules and regulations. Yashwant Dev Panwar, Principal Scientific Officer of the Patent Facilitating Centre of TIFAC spoke to the students about the importance of Intellectual Property Rights (IPR) in present day economic scenario and also about the efforts taken by TIFAC to strengthen IPR activity. He also informed the participating students about the technical and financial assistance provided by TIFAC for filing patent applications.

Information regarding patent applications were put forward by Dr. Sudipta Banerjee (Patent Attorney, L S Davar and Company) Dr. Sanchita Ganguly (Patent Attorney, S Majumdar and Co), Dr. Mahua Hom Chowdhury (Patent Information Centre, West Berngal State Council of Science Technology), Dr. Santosh K. Samantaray (Officer from Patent Office), Dr. Dhanpat Ram Agarwal (Patent Attorney, ITAG Business Solutions Ltd) and others.

Workshop on "Machine Learning with Python: A Deep Learning Approach"

A 5-day workshop on "Machine Learning with Python: A Deep Learning Approach" was organized by the Department of Information Technology at University Main Campus in association with Islamic University of Science and Technology (IUST), Kashmir on and from 25th March to 29th March, 2019. The workshop was financially sponsored by TEQIP of the University.
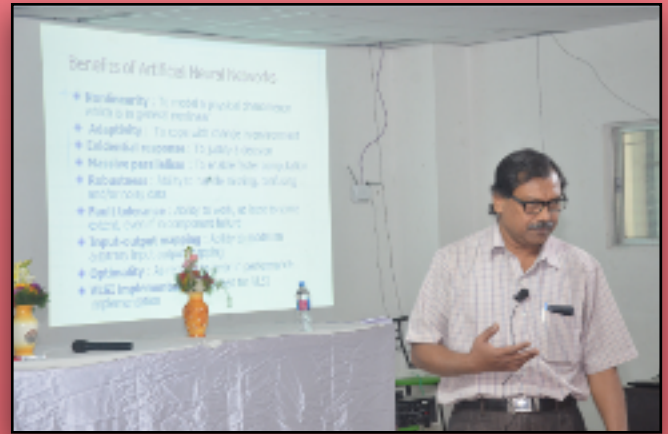
The main objective of this workshop was to introduce the fundamental concept of machine learning and an overview of machine learning algorithms and their application. The training covered series of lectures and practical sessions in Python helping participants to obtain deep insights of machine learning. The multi-diverse applicability of these subjects was revisited by a group of learned speakers from eminent institutions having long academic and professional cherishment on these subjects.

The programme schedule of the workshop was as under:

Date	1st Half (11:00am-1:00pm)			2nd Half
	Speaker	Affiliation	Topic	Hands-on Session
25.03.2019	Dr. Tanushyam Chattopadhyay	TCS, Kolkata	Basics of Machine Learning	Hands-on in Python
26.03.2019	Prof. Dinabandhu Bhandari	Heritage Institute of Technology, Kolkata	Regression	Hands-on in Python
27.03.2019	Prof. Rajat De	ISI, Kolkata	Neural Network	Hands-on in Python
28.03.2019	Prof. Dinabandhu Bhandari	Heritage Institute of Technology, Kolkata	Support Vector Machines	Hands-on in Python
29.03.2019	Prof. Ujjwal Bhattacharya	ISI, Kolkata	Deep Learning	Hands-on in Python

The workshop was inaugurated by the Registrar, Dr. Indranil Mukherjee in which he stressed on the essence of workshop and encouraged the participants to cultivate research areas in Machine Learning. The inaugural day was attended by the Director, School of Computational Sciences, Finance Officer and Information Scientist of the University as well. The workshop was conducted and coordinated by Dr. Somdatta Chakravortty, Associate Professor in Information Technology.

The target audience was 70 comprising Faculty Members, Research Scholars, B.Tech. and M. Tech. students of Information Technology and Computer Science & Engineering from the University and outside

The workshop witnessed powerful informative deliberations of eminent and distinguished speakers and hands-on training in this area who have adorned their academic and professional careers in respective fields of excellence. Prizes were given to participants who scored well in the test that was conducted on the final day of the workshop. Prizes were given away during the valedictory session by the Hon'ble Vice Chancellor and Registrar of the University. Projects on Machine Learning were assigned to the participants in the form of groups that were demonstrated and presented at a later date. Selected good projects were appreciated and were advised to do advanced research on the subject topic. The workshop ended satisfactorily amidst satisfaction amongst the audience.

Faculty Development Program on Cryptography and Cyber Security

ISEA Project Phase II Sponsored Faculty Development Program on "Cryptography and Cyber Security" was organized by the University in its Salt Lake Campus from 28th January to 1st February, 2019 and at B.P. Poddar Institute of Management and Technology, Kolkata from 25th March to 29th March, 2019. Both the programmes were financially sponsored by Department of Electronics and Information Technology, Government of India. The main objective of the FDPs were to refresh the fundamental concept of Cryptography and Cyber Security and enable the participants to find new application areas by exchanging their thoughts and views.

The eminent speakers who deliberated in these workshops were Prof. Amlan Chakraborty(CU), Dr. Santanu Phadikar(MAKAUT, WB) Mr. Bivas Chatterjee(Special Public Prosecutor for Cyber Law and E- Evidence, Govt. of WB) Prof. Bimal Roy(Indian Statistical Institute, Kolkata), Dr. Goutam Paul, (Indian Statistical Institute, Kolkata), Prof. Debashis De(MAKAUT, WB), Dr. Ashok Kumar Das(IIIT Hyderabad), Dr. Debasis Giri(MAKAUT, WB), C Balan(Scientist 'F'/ Associate Director, Knowledge Resource Centre, CDAC, Trivandrum), Prof. Sharmistha Neogy(Jadavpur University), Dr. Bikromadittya Mondal (BPPIMT, Kolkata), Prof. Sudakshina Kundu, Prof. Ferdous Ahmed Barbhuiya (IIIT, Guwahati), Prof. Sukumar Nandi (IIT, Guwahati), Mr. Vivekananda Kundu (C.DAC), Prof. Sanjit Kr. Setua (CU), Mr. Soumak Some (Ex-Director, PWC Cyber Security), Prof. Sankhayan Chowdhari (CU), Prof. Soumya Paul (Brainware University), Prof. Debdeep Mukhopadhyay (IIT, Kharagpur) The aim was also to explore new research directions for the development of Science and Technology.

The target audience comprised in-house faculty members as well as teachers of Colleges and Universities approved by AICTE/UGC.

REVIEW IS A NEW WORD OF MOUTH

By

Riddhi Kumari Bhadoria

2nd Year, M.tech, IT

In the era of technology, every activity is getting replaced. Everything is assuming a new shape. Technology is spreading at a faster pace in every sector known to us.. Nothing has remained untouched. So as the old fashioned publicity method, the "word of mouth".

It has remained the oldest, tried and tested method for publicizing a place , product or anything. But with the progression, it has also got replaced by a new method called "review", which we all consider as trusted and safest.

As the current time supports an online platform regardless what sector we are talking about, we all consider reviews before taking a decision. Nowadays, reviews happen to play a very important role in everyone's life. Because people are busy and they want to spend lesser time to personally go, check and arrive at a decision, they consider reviews as a better option in making choices. Before the availability of these online reviews, people used to take suggestions from their relatives or known persons in matters like which shop to visit for shopping or which restaurant to go for dinner but since everything is getting replaced by online mode, they are no longer needed to visit a store or restaurant physical to order something. Everything is available online and can be easily delivered on the doorstep. But getting suggestions remains the same. Then it was the word of mouth of the known circle, now it has transgressed beyond this and includes strangers who share their experiences in the form of review. Review puts the same impact as the word of mouth used to do. It has become much more important for the publicity of anything and getting good reviews is one of the prime goal.

It should be everyone's responsibility to take this job seriously which we all fail to do. Most of the people do reviews at the time when they have a bad experience and fail to appreciate and share the good ones. Reviews play a very crucial role as it lifts or degrades the rating. Nothing is perfect in this world, there is a possibility of getting a damaged product or food but it does not mean that something is totally wrong . If people make it a habit of reviewing every time they use a product or service , it will help other people to take a right decision. It is the need of today's time and everyone should take part in it, so that no other person loses something because we failed to play our part.

Workshop on
Modern International and Digital Marketing

A 2-day workshop on Modern International and Digital Marketing was organised by the University in collaboration with Cambridge Marketing College, UK on 27th and 28th March, 2019 in its Salt Lake Campus.

The programme was conducted by Prof. Nandan Sengupta, College Ambassador for India, Cambridge Marketing College, Cambridge, UK. The Hon'ble Vice-Chancellor of the University, Prof. Saikat Maitra expressed that the course on Digital Marketing will help the students in choosing their right career in future. The University wants to guide them in this path and enhance their employability, with the help of its international partners. As digitization has entered almost every sphere of marketing, such courses will certainly help the students, if they undertake their own start-up initiatives. Prof. Atanu Ghosh, a start-up entrepreneur and an expert in Digital Marketing also gave his valuable insights in the workshop.

The faculty members and representatives from various colleges participated in the workshop. In a nutshell, the workshop organized by MAKAUT conveyed various aspects of Digital Marketing and its applications before the participants.

Photography : Anish De Sarkar1st year, M.Sc, Microbiology, Biotechnology

Blood Donation Camp

A Blood Donation Camp was organised by the NSS Unit of the University in its Guest House premises on 29th March, 2019. The Hon'ble Vice Chancellor of the University, Prof. Saikat Maitra, inaugurated the camp. A medical team from College of Medicine, Kalyani and Jawaharlal Nehru Memorial Hospital, Kalyani came and collected 83 bottles of blood. Donors were mainly students academic and office staff members. Certificates and memento were given to all blood donors. Prof. Mihir Singh, NSS Coordinator and Dr. Subhabrata Roychaudhuri, Advisor, MAKAUT coordinated the entire event.

A New Trend in Courses : Workshop at Kalimpong

A workshop was organized at Rockvale Management College, Kalimpong to increase awareness about new professional courses amongst the students and concerned college authorities of North Bengal. The workshop was inaugurated by the Hon'ble Vice Chancellor, Prof. Saikat Maitra who was accompanied by other members of the University fraternity. He urged different institutes to introduce new professional courses such as Business Management, Media Science, Designing Technology, Hotel and Hospitality Management, Real Estate Management, Bio-technology etc. for the benefit of the students.

The Director of Rockvale Management College, Kalimpong, Capt. Prakash Mani Pradhan arranged a press conference with the MAKAUT family where it was stressed that interested students and guardians of Kalimpong must be informed about the various professional and other courses of the University. In his words, "The University is relentless in its efforts towards motivating its students towards entrepreneurship and improving their skills for employment." Those present at the workshop were very much inspired by the speech delivered by Prof. Maitra.

The key objective of the workshop was to bring a change in the teaching-learning process in this changed employment scenario and to build a new academic ecosystem. The University is designing online courses, which students, businessmen and research personnel can learn from home, by taking advantage of digitization.

The MAKAUT family with almost 200 affiliated colleges is aspiring towards all round development of West Bengal, so that no corner is left behind. This is the prime reason of focusing on Kalimpong and also North Bengal as a whole.

Functional Agreements with Industry and Academia

PG Diploma/PG Certificate in Health Informatics and Telemedicine

A Memorandum of Understanding on Post Graduate (PG) Diploma in Digital Marketing between Maulana Abul Kalam Azad University of Technology, West Bengal and Trinnect LTD., The UK, has been signed on the 2nd day of February, 2019. This MOU was signed for the following programmes:

a) PG Diploma in Health Informatics and Telemedicine for 1 year

b) PG Certificate programme in Health Informatics and Telemedicine for 3 months

c) PG Diploma in Machine Learning and Artificial Intelligence for 1 year

PG Diploma/PG Certificate and FDP in Digital Marketing

A Memorandum of Understanding on Post Graduate (PG) Diploma in Digital Marketing between Maulana Abul Kalam Azad University of Technology, West Bengal and Cambridge Marketing College, The UK, has been signed on the 21st day of February, 2019. This MOU was signed for the following programmes:

a) PG Diploma in Digital Marketing for 1 year

b) Certificate programme in Digital Marketing for 6 months

c) And Seminars and workshops for Faculty Development Programme and Continuous Professional Development Programme

PG Diploma /Certificate in New and Emerging Technologies & Soft Skills

A Memorandum of Understanding on Post Graduate (PG) Diploma in *New and Emerging Technologies* between Maulana Abul Kalam Azad University of Technology, West Bengal and Aunwesha Knowledge Technologies Private Ltd. has been signed on the 22nd day of February, 2019. This MOU was signed for the following programmes:

a) PG Diploma in New and Emerging Technologies for 1 year

b) PG Certificate in New and Emerging Technologies for 6 months

c) Certificate programme in Soft Skills for 3 months

PG Diploma in Spatial Science

A Memorandum of Understanding on Post Graduate (PG) Diploma in Spatial Science between Maulana Abul Kalam Azad University of Technology, West Bengal, India and OPSIS SYSTEM Pvt Ltd has been signed on the 29th day of March, 2019.

MAKAUT Invites Foreign Students

The Maulana Abul Kalam Azad Institute of Technology (MAKAUT), West Bengal has decided to open its door to foreign students, with regard to non-engineering professional courses offered by its affiliated colleges, which are not under the purview of AICTE.

Eye Mitra Optician Certification Course

The 'Eye Mitra' Optician Certificate course of one year affiliated by the Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal is a skill development training programme launched in joint collaboration with Susrut Eye Foundation & Research Centre, Kolkata. The objective is to address the growing need of skilled human resource in the eye care sector.

Photography : Soham Banerjee, 1st year, M.Sc, Genetics, Biotechnology

Research Interaction with IUST Kashmir through Video Conferencing

A joint meeting was convened by the University with Islamic University of Science and Technology(IUST), Kashmir on 17th April, 2019 to discuss on joint research activities between the two Institutes as part of the tweening activity under TEQIP-III programme. The interaction was conducted via videoconferencing in which the University was represented by Prof. Debashish De, Director, School of Computational Sciences, Dr. Debashish Giri, Associate Professor and Head in Information Technology and Dr. Somdatta Chakravortty, Associate Professor in Information Technology and research scholars. IUST, Kashmir was represented by Prof. Moon, TEQIP-III Coordinator,

Prof. Mir, Head of Food Technology, Head of Computer Science and Engineering, faculty and research scholars of other departments as well. Discussion took place on joint research projects, student exchange programmes, research on IoT, Network Security, Machine Learning and Image Processing. The meeting ended successfully with stress on more research interaction between the mentor and mentee institutions.

Chess Tournament

The University organized a one day Inter-College Chess Tournament on 23rd of April, 2019 in its main campus at Haringhata. Colleges affiliated to the University were issued letters inviting participants from students for joining this tournament. From 20 Colleges scattered all over West Bengal 119 students participated in the Tournament. In the day long competition, 10 students were felicitated from the Boys category and 5 students were felicitated from the Girls Category. The first position was secured by a student from Guru Nanak Institute of Technology, second position from Bengal School of Technology and NSHM Knowledge Campus, Durgapur and third position from Dr. Sudhir Chandra Sur Degree Engineering College and MAKAUT,WB.

In the Tournament, International Arbiter, Shri Debashish Barua was present as the Chief Arbiter and Shri Shymal Dutta, National Arbiter NSC Licensed Coach was present as Deputy Chief Arbiter.

ONE LAST FIGHT

The sun goes down
The stars come out
Don't lose hope
You're in with a shout..
The finishing line might not be in sight
But never give up without putting up a fight..
Before wasting precious seconds resolving to cry
Always remember to give it one more try..
The moments gone by shedding tears
Won't help you in overcoming your fears..
Be honest to your repertoire
And solve the puzzles like L.A. Noire
Break the shackles, spread your wings
Aim for the top, keep doing your thing..
Take your time, settle down
See your fate break into a smile from a persistent frown..

The dreams which had ceased
The opportunities which got seized
Have again started to grow and blossom
My whole life has turned awesome..
I gave my blood and sweat to realise my endeavour
My wishes got fulfilled, the results are there to savour..
At the end of the tunnel, there will be a flickering light
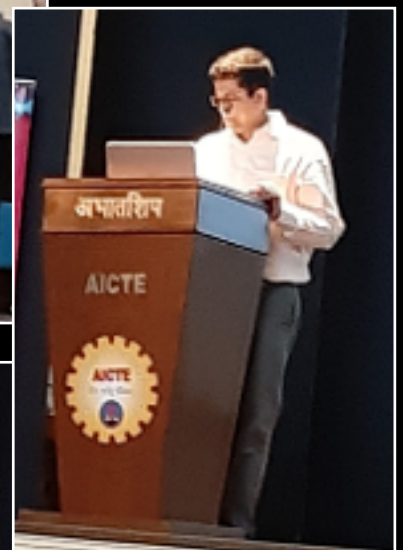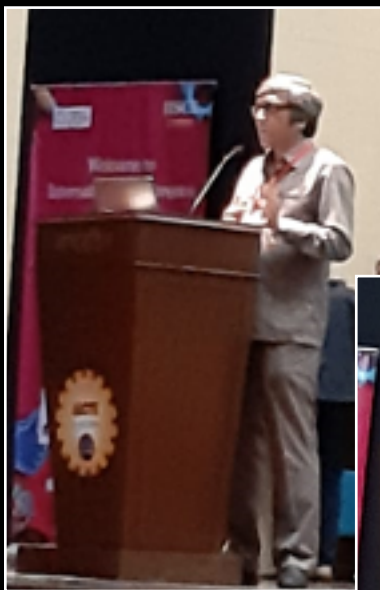So never throw in the towel without one last fight..

*Poetry : Anish De Sarkar, 1st year, M.Sc,
Microbiology, Biotechnology*
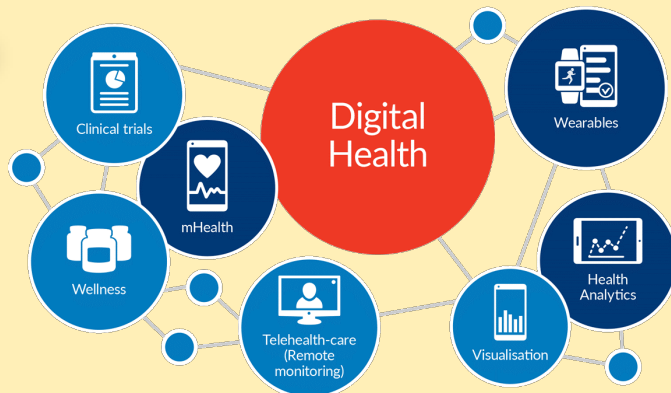
International Conference on Digital Pedagogies

An International Conference on Digital pedagogies was held on April 1st to 3rd, 2019 in the AICTE Auditorium, New Delhi. This event was co-convened by the Ministry of Human Resources Development (MHRD), All India Council for Technical Education (AICTE), the World Bank, the National Project Implementation Unit – NPIU, UNESCO MGIEP, Microsoft and Maulana Abul Kalam Azad University of Technology, West Bengal. The event featured the participation of key experts from different parts of the world, including India, and was intended to attract the involvement of institutional leaders, academic deans and teachers from higher education institutions and technical colleges from India.

The Hon'ble Vice Chancellor of MAKAUT, Prof.(Dr) Saikat Maitra, in his Catalytic Speech focused on the importance of Project and Problem based Learning, Augmented Reality, Virtual Reality, Social Media, Gamification an 3D Printing in enhancing the teaching-learning process. The role played by the University in introduction of MOOCs in their curriculum, design of its own courses digitally, digital inspection of affiliating colleges adopted by the University was also discussed in the forum. Prof. Debashish De, Director, School of Computational Sciences and Dr. Somdatta Chakravortty, Associate Professor, Department of Information Technology of MAKAUT, WB also presented their views on Learning Management Systems adopted by Educational Institutions and how Augmented Reality can be a useful tool to enhance teaching and learning.

Workshop on "Digital Health"

Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal introduced a new course on digital health that was recently announced at a workshop organised by the University in its Salt Lake Campus on 6th March, 2019. At the outset, the Hon'able Vice Chancellor of the University, Prof. Saikat Maitra stated that Certification and PG diploma courses will be introduced after which a three year will start in a modular manner.

The objectives of digitization of health services were outlined:

- Reducing inequality among various sections of the society with regard to healthcare
- Increasing access to healthcare
- Reducing cost
- Enhancing the quality of care
- Customizing healthcare
- Personalizing medical requirements
- Making arrangements for smart-care in a homely environment

Dr. Indranil Mukherjee stressed that good health is an important leverage of the nation the objective behind all these Digital Health.

The Registrar of MAKAUT, Prof. Dr. Partha Pratim Lahiri and Prof. Sibamoy Dasgupta also stressed on the importance of initiatives of the University.

On behalf of Peerless Hospital, Dr. Subhrojyoti Bhowmick mentioned that the hospital is looking forward to an academic and research collaboration with MAKAUT in the field of Digital Health.

The workshop was organized by MAKAUT, WB in collaboration TRINNECT Ltd. Finland. The Managing Director of Trinnect Ltd, Dr. Shyam Chakraborty and Dr. Supten Sarbadhikari, an expert in the field of Digital Health graced the occasion. Both of them emphasized on the growing importance of digital techniques in healthcare. Dr. Sarbadhikari observed that India can be a leader in Digital Health.

Thus MAKAUT's initiative in incorporating courses in Digital Health is definitely a right step forward.

Workshop on Digital Pedagogies-The Learners Future

In continuation to their efforts to sensitize the practice of Digital Pedagogy amongst the teaching and learning community, the University conducted a one dayworkshop on "Digital Pedagogies-A Learners Future" for affiliated colleges on 24th April, 2019 in its Salt Lake Campus. A half day workshop was also conducted for in-house faculty members on 22nd April, 2019.

The inaugural session was graced by our Hon'ble Vice Chancellor, Prof. Saikat Maitra, Dr. R.S. Shukla, Additional Chief Secretary, Dept. of Higher Education, Govt. of West Bengal as Chief Guest and Shri Debashish Sen, Additional Chief Secretary, Dept. of IT &E, Govt. of West Bengal as Guest of Honour. Vote of Thanks was given by Dr. P.P. Lahiri, Registrar, MAKAUT, WB.

The workshop included hands-on sessions and demonstration on implementation of Mobile Learning and Learning Management System in the teaching learning process of the University and its affiliating colleges. Prof. Malay Dave, Principal, JIS College of Engineering, Kalyani deliberated on Learning Management System(LMS) and Canvas LMS was demonstrated by a faculty member of JISCE and Research Scholars of the University, Ms. Dipanwita Ghosh and Ms. Srirupa Das. Mobile Learning session was deliberated by Dr. Somdatta Chakravortty, Associate Prof., Department of Information Technology, MAKAUT, WB and demonstrated by Research Scholar, Mr. Prem Kumar. The main objective was to inculcate awareness and prepare the teaching community to practice and implement technology-supported learning activities in their teaching. The workshop ended successfully with the Valedictory Session and distribution of Certificates by the Hon'ble Vice Chancellor and Registrar of the University.

Photography : Subhrajeet Sen

B.Tech, IT

UNCONDITIONAL

Poetry : Rahul Sinha, B.Tech, 4th Year, CSE

If you stab me one day
if you break my heart,

If you ever turn into a monster,
and tear me apart.

Remember that I won't stop loving,
won't stop playing my part.

If the storms break my home,
and everything falls apart.

If Night takes too long to finish,
and Day takes too long to start,

And if time cripples my hands,
and I can no longer do my art,

And if a cruel wind shatters,
My beautiful castle of cards,

Remember that I won't stop loving,
Won't stop playing my part.

University Debate Contest

A Debate Contest for students was organised in the Academic Building of the University on 25th April, 2019. The Hon'ble Vice Chancellor was present during the event. Out of 6 teams participating in the contest the first position was secured by the team with members Tanishq De, Aman Kumar, Sayandeep Mohanty and Mohitesh Agarwal. The panel of judges comprised Mrs. Sayantani Saha, Ms.Emilie Samanta and Dr. S. Roychaudhuri. Dr Subhabrata Roychaudhuri, Advisor, MAKAUT organised the entire event.

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MAKAUT launches new courses to boost job prospects

একদিন NARSINGHA BROADCASTING

ডিজিটাল পদ্ধতিতে চিকিৎসা

millenniumpost

MAKAUT comes up with open library at book fair

Kolkata: Moulana Abul Kalam Azad University of Technology (MAKAUT) came up with an open library at the 42nd international Kolkata Book Fair on Friday. The aim of this initiative is to increase the bond of books...

Makaut invites foreign students

KOLKATA, 15 APRIL

The Maulana Abul Kalam Azad University of Technology (MAKAUT) is offering foreign students scholarships to attend the non-All India Council of Technical Education (AICTE) courses run by the university as the seats are not being filled up with the regular students.

Vice-chancellor of MAKAUT, Saikat Maitra said, "Data science, Artificial Intelligence, Cyber security, Block chain, Hotel management, Media studies courses are in high demand among the students as these are the gateway of the new age learning. We are now offering these courses to the students of 50 foreign countries for the non-AICTE cources. Technical fields are excluded as they are under AICTE norms. We witness around 20-25 per cent vacant seats every year in the non-AICTE cources. If we can bring foreign students this will be global positioning of the country among others."

Deputy German Consul General Jurgen Thomas Schrod who was present in the programme, which is a collaboration of MAKAUT with an private college said, " The initiative is appreciable but it has to be realistic. The infrastructure and the education system need to be developed to attract foreign students here." SNS

উদ্যোগী ম্যাকাউট

এই সময়: রাজ্যের বিভিন্ন বেসরকারি কলেজগুলিতে পেশাগত কোর্সের নিয়ে বিদেশি পড়ুয়াদের আসার ব্যাপারে উদ্যোগ নিল ম্যাকাউট বা মৌলানা আবুল কালাম আজাদ ইউনিভার্সিটি অফ টেকনোলজি। যেখানে চিন, জার্মানি-সহ বিভিন্ন দূতাবাসের আধিকারিকরা উপস্থিত ছিলেন। ম্যাকাউটের উপাচার্য সৈকত মৈত্র জানান, ইঞ্জিনিয়ারিং বাদে অনেক কোর্সে বহু ফাঁকা। সেই সব আসনে বিদেশি পড়ুয়াদের নিয়ে আসার ব্যাপারে...

ভবিষ্যৎ গড়ার দিশারি

নন এআইসিটিই কোর্সে খালি আসনে বিদেশি পড়ুয়া ভর্তি করাতে চাইছে প্রযুক্তি বিশ্ববিদ্যালয়

নিজস্ব প্রতিনিধি, কলকাতা: অল ইন্ডিয়া কাউন্সিল অফ টেকনিক্যাল এডুকেশন বা এআইসিটিই অনুমোদিত নয়, এমন কোর্সগুলিতে খালি আসনে এবার বিদেশি পড়ুয়া ভর্তি করাতে চায় প্রযুক্তি বিশ্ববিদ্যালয়। সেই পরিকল্পনার কথা সোমবার ঘোষণা করেন বিশ্ববিদ্যালয়ের উপাচার্য সৈকত মৈত্র। তাঁর মতে, নন এআইসিটিই কোর্সগুলিতে প্রতি বছর যে সংখ্যক আসন খালি পড়ে থাকে, তা আর ফেলে না রেখে যদি বিদেশি ছাত্রছাত্রী ভর্তি করা যায়, তাহলে অনেক ভালো এবং সুবিধা হবে।

এদিনের অনুষ্ঠানে বেশ কিছু দেশের কনসাল জেনারেলের অফিসের প্রতিনিধিদের আমন্ত্রণ করা হয়েছিল। জার্মানি, চিন সহ করেকটি দেশের এমন প্রতিনিধিরা উপস্থিত ছিলেন। উপাচার্য বলেন, প্রতি বছর, অন্তত ২০ শতাংশ...

Makaut to come up with first state-run film school

GROWING BY LEAPS AND BOUNDS

> The Indian film segment grew 27% in 2017 due to a combination of high growth in overseas theatrical releases (particularly in China)

> Growth is seen in satellite rights values and domestic box office collections

> 250 million people viewed videos online in 2017

> The viewership is likely to be 500 million by 2020

> Digital media is expected to overtake the world of film and print by 2021: findings of Ernst & Young, released during the Annual Frames Conference in Mumbai

> Now there are over 30 OTT players in the country

> They are all vying for investment to produce original contents in Hindi and other regional languages

> India is home to the largest film industry in the world

> Around 1,986 films are produced annually in 20 Indian languages

Times View

An inter-disciplinary approach to studies can help students and make campuses culturally diverse and more vibrant. This could be an idea worth emulating in other varsities, which may still be following the traditional Humanities-Science-Commerce approach.

আসন ভরাতে

রাজ্যের বহু ইঞ্জিনিয়ারিং কলেজে আসন শূন্য পড়ে থাকছে। তা পূরণ করতে ভিন্ রাজ্য ও বিদেশের পড়ুয়া আনতে উদ্যোগী হল মৌলানা আবুল কালাম আজাদ প্রযুক্তি বিশ্ববিদ্যালয় (ম্যাকাউট)। সোমবার এক অনুষ্ঠানে উপাচার্য সৈকত মৈত্র বলেন, "অনলাইন এবং ক্লাসরুম দু'ভাবেই ক্লাস করতে পারবেন ওই পড়ুয়ারা।" অনুষ্ঠানে জার্মানি, চিন, ফ্রান্স, শ্রী... সহ কিছু দেশের কনসালরা ছি... জার্মানির ডেপুটি কনসাল জে...

Makaut to come up with first state-run film school

TNN | Apr 16, 2019, 06:42 AM IST

KOLKATA: Those, who are aspiring to make a career in films, have a reason to rejoice. The state will have its first film school that will help aspirants do their graduation and post graduation in films and earn a degree.

State higher education department had been planning the school for long. Earlier this year, it had asked the Maulana Abul Kalam Azad University of Technology (Makaut), the state-run tech university, which controls over 200 tech colleges in the state, to start the film school. Finally, the wait is over and the school, to be run by Makaut, will open its doors to students in August. Makaut has entered into a partnership with one of its affiliated colleges. Ileed, to set up the film school.

...dged set-up is being prepared to house different branches of the course that will lead to BSc and MSc degrees. The ... film school in the city, the Satyajit Ray Film and Television Institute (SRFTI), is run by the Union ministry of information ...casting.

SIX SCHOLARSHIPS IN NON-ENGINEERING COURSES

Tech varsity offer for foreign students

OUR SPECIAL CORRESPONDENT

Calcutta: Maulana Abul Kalam Azad University of Technology will reach out to foreign students so that they can also opt for non-mainstream professional courses offered by its colleges.

The university, formerly known as West Bengal University of Technology, announced the initiative at a programme held on Monday evening where consuls of 20 countries were present so that they can spread the message on opportunities offered by the university.

The consuls of Germany, China,

Nigeria were among those present. The university has plans to offer scholarships to six students, an official said. "The scholarship percentage will vary from institute to institute."

The university offers MBA, BCA, hotel management, ... gy in more than 100 ... in the apex regulator ... neering courses in ...

"Over the post ... upgraded our cur... tional standards ... industry experts ... foreign students ... Saikat Maitra, ...

colar, said.

"We are approaching the consuls to spread the message about the various courses on offer."

Vice-chancellor Maitra explained why the university is focusing on non-AICTE courses in an attempt to attract foreign students.

"The technical courses follow AICTE rules to ease of ...

Juergen Thomas Schrod, the deputy consul general of Germany, lauded the university's move. But it has to approach the Indian diaspora in the countries, they are targeting to spread the message, he said.

"This is the best way to connect potential students. The network of Indian diaspora has to be activated. Besides, I think the university has to improve more in terms of infrastructure and teaching facilities ... that a student from a foreign land ... worth pursuing. Yes ... nues that area ...

Breaking barriers

Interdisciplinary studies help science scale new heights. Recently a three-day interdisciplinary interna-

tional conference on Mathematical Sciences for advancement of science and technology (MSAST-2018), jointly organized by Institute for Mathematics, Bioinformatics, Information Technology and Computer Science (IMBIC) and Maulana Abul Kalam Azad University of (formerly ...

প্রশিক্ষণের ব্যবস্থা

▶ চিকিৎসা ব্যবস্থায় সর্বস্তরে ডিজিটাল প্রযুক্তির ব্যবহার খুবই প্রয়োজন। এ বিষয়ে প্রশিক্ষণ দিতে সার্টিফিকেট ও স্নাতক স্তরের কোর্স চালু করবে মৌলানা আবুল কালাম আজাদ প্রযুক্তি বিশ্ববিদ্যালয় (ম্যাকাউট)। শনিবার বিশ্ববিদ্যালয়ের সল্টলেক ক্যাম্পাসে 'ডিজিটাল হেল্থ' শীর্ষক এক কর্মশালায় এ কথা জানালেন উপাচার্য সৈকত মৈত্র। অংশ নেন দেশ-বিদেশের বেশ কয়েক জন চিকিৎসক ও দেশের বিভিন্ন মেডিক্যাল কলেজের পদাধিকারী ও ছাত্রছাত্রীরা। ভিন্ দেশের চিকিৎসকেরা অনলাইনে তাঁদের মতামত জানান।

Photography : Subhrajeet Sen, B.Tech, IT

MESSAGETO READERS

All members of faculty, staff and students of MAKAUT, WB are strongly encouraged to submit articles of interest directly to the editor for inclusion in future issues. You are kindly requested to share with us any questions, comments or concerns by emailing us at makautnews@gmail.com.