

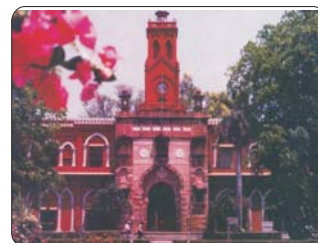
Rs.5.00 (Per Issue)
Rs.50.00 (Annual)

Volume 45 / Number 11-12

November - December 2008



Aligarh Muslim University Gazette



Our News for the World



Founder
Sir Syed Ahmad Khan



Patron
Professor P.K. Abdul Azis
Vice Chancellor

Aligarh Muslim University Gazette originated as **The Aligarh Institute Gazette**. Launched by Sir Syed Ahmad Khan in 1866, it projected a vision much ahead of its times. Sir Syed is known for his devotion to education, support for intellectual pursuits and commitment to public welfare.

Currently **Aligarh Muslim University Gazette** is a monthly journal brought out by the Publications Division, A.M.U. in cooperation with all university divisions. The Gazette promotes values and achievements that foster a sense of pride in belonging to the University. The goal is to encourage positive exchange of ideas and information.





Tile, Victoria Gate



Editorial Board

Professor P. K. Abdul Azis, Vice-Chancellor	- Patron
Professor V. K. Abdul Jaleel, Registrar	- Censor
Dr. Shafey Kidwai, Department of Mass Communication	- Editor

Members

Professor N.A.K. Durrani, MIC, Publications Division
 Professor A.R. Fatihi, Department of Linguistics
 Professor S. Alim Husain Naqvi, Department of Applied Physics
 Professor Bilquis Nasim Waris, Principal, Women's College



Periodicity of Publication
 Monthly

Registration Number
 ALG/17/2007-09

Subscription Rates
 Rs.5.00 (Per issue)
 Rs.50.00 (Annual)

Address
 Publications Division
 Sarfaraz House
 Aligarh Muslim University
 Aligarh - 202 002(UP) India
 Phone
 +91 571 270-0930
 +91 571 270-0920 Extn. 1233 & 1429

E-mail
 amugazette@yahoo.com

Website
www.amu.ac.in

Contents

From the Editor's Desk	2
Campus Activities	3
Plant Biotechnology	25
--Professor Mohammad Anis	
Book Review:	
(1) Syed Moinuddin Alvi	28
(2) Dr. Shaik Shahul Hameed	29
International Congregations	31
National Congregations	32
New Appointments	34
Research	36

From the Editor's Desk

Sir Sayyid wielded pen in an era characterized by frequent acrimonious confrontation with the British and the bruised psyche of Muslims took refuge in distorted notion of the Islamic concept of Jihad. In his bilingual Journal "*The Loyal Mohamedans of India*" he discussed the concept of Jihad with remarkable thoroughness. Jihad, still a widely debated topic, and *Sir Sayyid's* interpretation, unfavorably received by the Ulema of yore, look highly relevant in an era where the term "Islamic terrorism" has gained widespread currency. *Sir Sayyid* discussed the Islamic concept of holy war in consonance with canons of rationalism and the Quranic concept of approximation of human life.

He asked his co – religionist not to be swayed by the sentimental and demagogic arguments of those who wanted Islam to be known as the faith of the illiterate and savage people. He rightly referred to the pre – requisites of the holy war (Jihad); first, there must not be any protection for the people of faith and there also should not be a treaty between the protected and protector. There are two indispensable conditions for jihad. *Sir Sayyid* asked the people to make a difference between Jihad and rebellion as Islam never gives license to practice cruelty and violence. According to the Islamic tenets, Jihad could not be waged against a government that provided protection and religious freedom to its citizens.

He initiated a lengthy and perceptive debate on the relations of the protected and protector with reference to the religious injunctions and the practice of the prophets. The Quran does not make it essential that the head of the country, in which the Muslim reside, and by whom they are protected, should be a Muslim.

Muslims are enjoined by the Quran to obey the ruler irrespective of his religious faith. Islam does not harp on the armed struggle against the ruler and even the prophets severed the non – Muslim rulers. *Sir Sayyid* referred to the prophet *Joseph*:

"In the Tauret or Book of Moses, it is recorded that Joseph served potiphar King of Egypt and was obedient and faithful to him in all things, although Potiphar was not a Jew (See Genesis ch XXXIX)....."

In like manner the Mohamedans dwell in obedience to the laws and Government of the British and this obedience is nothing more than the proper and bounden duty of their Mohamedans subjects, as inculcated and enforced by the percept of our religion".

Borrowing liberally from a number of authentic texts of theology and Islamic jurisprudence including Tafseer Ahmadi, Alamgeeri and Hidaiya, *Sir Sayyid* draws an incalculable conclusion that if the religious freedom was denied then the Muslim had just one option to expatriate them and it would be in consonance with the Islamic tenets. Brutal conduct in the name of religion was always deplored by Islam and violence was utterly and undeniably at variance with the tenets of the faith. Merciless killings of the innocent citizens is altogether repugnant to the percepts of the Islam and *Sr Sayyid* points out:

"In two highly esteemed books of the Hades entitled books Bukhara and Muslim, it is written that Abdullah Ibne Omar has said that to kill women and children are forbidden by God.

Aboo Daood also says in his book, name after himself, and quoting from the inspired saying of the prophet that God has forbidden the slaying of the aged and infirm, of young children and women. It is a strict and sacred command of our prophet to his followers

that when they wage war against their enemies, they are not to slay the women, nor children, nor the aged, nor the unresisting, nor those who demand quarter”.

Sir Sayyid’s long essay, replete with the quotations of the Quran and the saying of the prophet, makes it quite clear the reign of violence unleashed in the name of Islam is diametrically opposite to what Islam propagates.

For Sir Sayyid violence did not have the remotest connection with ‘Jehad’ and his perceptive and pertinent discussion on the term has become more valid in the contemporary world”.

Campus Activities

Soft Skills Enhancement Workshop

The club for short Evening Courses, A.M.U., started its functioning by organising a workshop on “Soft skill enhancement techniques”. Dr. Saad Hameed, (Counselor, Coaching & Guidance Center), Dr. Faiz Zaidi (Lecturer, +2 Boys), Dr. Malik Mohd. Arshad (S.T. High School) delivered lectures which were followed by the screening evaluation of the members.

Lecturers on ‘Human Rights: An unfinished agenda’ were delivered by Dr. Mohibul Haque (D/o Pol. Science) and Ms. Meha Dikshit (JNU, New Delhi).

This was followed by a lecture cum discourse on the burning issue of “**Indo-US civil Nuclear deal**” by Prof. Asmar Beg (D/o Pol. Science) followed by an interactive session. The session presided over by Prof. Wasi Haider (D/o Physics). In continuation to its thrust on Nuclear deal the CSEC that has conducted a survey on the students and faculty members of the university to get the opinion of the campus about the Nuclear deal as well as using it as an opinion making tool.

VC CONDOLES

Professor P K Abdul Azis, Vice Chancellor Aligarh Muslim University in his condolence message said that K K Birla was an epitome of corporate responsibility, patriotism and vision. He was the symbol of secularism and nation building. His life and work embodies large heartedness and harmonious blend of both modern and traditional values. With his demise the generation of corporate doyens who witnessed and contributed to the great cause of national liberation has ended.

Professor Azis described K K Birla as a great man and an invaluable architect of national reconstruction and resurgence. Success and wealth has never entered into his mind, his life was free from the flashy extravagance. His social values are distinct and reflect the best of human ascendancy. The Birla Institute of technology and science bears testimony to his outstanding contribution to modern education.

American Scholar at Academic Staff College

Mr. John R. Silver, Senior English Language Fellow, American Centre, New Delhi visited the Academic Staff College as part of the academic collaboration between the AMU and the American center, New Delhi. Mr. Silver had a four-hour interactive session

with 17 English language teachers of AMU drawn from Department of English faculty and research scholars, and AMU secondary and Senior Secondary teachers. Recent teaching methodologies and strategies were discussed in the session with the focus on enhancing communication skills of AMU students.

In the evening Mr. Silver interacted with 100 AMU school students enrolled in the on-going Access Programme geared towards improving proficiency in English language. Mr. Silver expressed his delight and satisfaction over the progress achieved by this two year training. It is expected that after the completion of this two year programme these students will gain fluency in both spoken and written English that will brighten their career prospects.

Professor A.R. Kidwai, Director, UGC Academic Staff College, AMU, Aligarh thanked Mr. Silver for his mutually rewarding visit.

National Integration Activist Visits AMU

Professor V.K. Tripathi, Head of Sadbhavna Mission, Professor of Physics, IIT, New Delhi visited the Academic Staff College as part of his mission to promote communal harmony and better inter-community relations in the country. Professor A.R. Kidwai, Director, Academic Staff College welcomed Professor Tripathi who has made a mark as a selfless champion of the noble cause of National Integration. Professor Tripathi addressed a gathering of AMU staff and students. Several members of the AMU Literary club and NSS took an active part in the discussion with him on a range of issues confronting the co-existence of various communities in the country, especially in the context of the recent happenings. Dr. Shadab Khursheed, Director, NSS, extended valuable help in organizing this event. Among the AMU faculty present in the discussion were Professor Farhatullah Khan, Professor Emeritus Dept. of English, Professor Asmar Beg, Dept. of Political Science and Dr. Asim Siddiqui, Dept. of English, AMU.

Assam Students organize get together

Students of State of Assam studying at AMU organized a get together-cum-welcome of Fresher-08. Mr. Fresher award was given to Ijaz Ahmad of Class XI and Miss fresher award to Ms. Tauhida BA Geography. Most Lucky person award of the programme was given to Ms. Munjra BA-LLB and the most handsome boy award went to Mustafa Ahmad BA-LLB. Most beautiful girl award was received by Ms. Shabana. Apart from this extra curricular activities like Just a minute, mimicry, musical chair and quiz competition were also organized. Dr. Hannan Choudhary, Dr. Anwar Husain, Mr. Sharajul Islam and Dr. Rezwana were the guest of the function. Mr. Mujeebur Rahman welcomed the guests. A Vote of thanks was delivered by Mustafa Khaddam Husain. Assam students started this tradition of organizing get together every year at AMU since seventies.

AMU condemns Bombay Attack

The Chancellor of Aligarh Muslim University Justice A. M. Ahmadi and Vice Chancellor Prof. P K Abdul Azis have strongly condemned the dastardly terror attacks in Mumbai that have sent shock waves all over the country. They have expressed unmitigated shock and grief at the magnitude of the loss of lives of fellow Indians, tourists and particularly the security personnel martyred in the firings and bomb blasts. It is a heinous crime against humanity and the University stands united against the

condemnable acts. The Chancellor and Vice Chancellor have extended their grief ridden condolences to the kin of the victims and salutations to the martyrs from the Anti Terror Squad. This attack of unprecedented magnitude has affected the citizens across nations and is a moment of great universal sorrow. The unpardonable act of sheer brutality cannot even be remotely sanctioned by any religion. All ill human and anti-national activities stand forbidden by religion. The University and all those associated with it unequivocally condemn terror per se whatever may be the logic and express solidarity with the nation in opposing and fighting such gruesome crimes against humanity.

Students contribute Nebulizer

A nebulizer was presented by the Drug Society – an organization run by the students of J N Medical College to the TB & Chest Department. It will be used for the patients admitted in the Medical College. The Principal of Medical College, Professor Ashraf Malik lauded the work and contribution of the Society. He said that the Society is doing great service by arranging drugs for the poor patients and all members are entitled for praise. He further said that students of the institution are fully devoted to the helpless and needy patients. A “Rain Basera” will be constructed soon, where patients and their caretakers may stay comfortably. Professor Malik is also Chief Medical Officer. He told that from Ward No. 10 to 15 all nets will be removed, so that air and light may creep in properly. Dr. Zuber Ahmad, Chairman of T B & Chest, Department thanked the Drug Society for the contribution made. He said that Nebulizer will definitely benefit the admitted patient. He requested the Society to provide medicine also. On the occasion, Dr. Shamim Ahmad, Dr. Talha and Dr. Tazeen Okaish of TB & Chest Department were present alongwith the members of the Society.

Obituary

The Vice Chancellor of Aligarh Muslim University, Professor P K Abdul Azis today paid rich tributes to Dr. Ishaq Jamkhanawala who passed away in Mumbai earlier this week.

In his condolence message, Professor Azis described the late Dr. Jamkhanawala as a ‘noted educationist’ who played a laudable role in the field of Muslim Education in India especially in Maharashtra. Professor Azis recounted that Ishaq Jamkhanawala had a long association with the Aligarh Muslim University and was a member of the AMU Court for more than a decade.

Merit Scholarship to school Girls

AMU City Girls High School has organized a program for the disbursement of Merit Scholarship to the students who secured high percentage of marks in their previous classes during the session 2007-08. Prof. V K Abdul Jaleel, Registrar of the University and the Manager of the University Schools, was the chief guest on the occasion. Prof. Jaleel awarded the students for their creative work. He boosts up the moral of the students and the teachers as well in his speech. He said that he is satisfied with the working of the Principal and staff members. The standard of the school is better then ever before. He encouraged the students and the teachers of the School to do more and more effort to raise the standard of this School. He also realized that the students of this School comes from the weaker section of the society and most of them belong to families living below poverty line. He also recognizes some students who stood winner in the other function of the University. He appreciated such students who brought a good name to the institution.

AMU Faculty becomes Editorial Consultant

Dr. S Moied Ahmed, Reader & Incharge ICU, Department of Anaesthesiology JN Medical College, Aligarh Muslim University, Aligarh, has been appointed as an Editorial Consultant of the Physicians Information Education and Resource (PIER) of the American College of Physician. He has been instrumental in updating and editing the “Tracheal Intubation” module.



Dr. S Moied Ahmed was also appointed as an Appraiser for the subject, Anaesthesiology at Abdur Razzaque Ansari Memorial (Apollo) hospital, Ranchi, by the Diplomat of National Board of Examinations, Ministry of Health & Family Welfare, Government of India. He has been given the responsibility to structure the teaching schedule, review the progress of thesis, evaluate the academic standard of the enrolled candidates and appraise the infrastructure and facilities available in the hospital for the said discipline.

AMU Student represents India

Mr. Atif Hasan, student of Aligarh Muslim University, has represented India at the International Roller Hockey Skating Tournament held at Macau (Near Hong Kong) recently.

The Indian Team has won the Bronze Medal (Third Place) behind Australia and Spain. Mr. Atif Hasan is studying in class XI at AMU. He is the son of Dr. Hasan Imam, Senior Lecturer, Department of History.

Professor Tariq Mansoor, Secretary, University games Committee has congratulated the student and hoped that AMU students will bring more laurels to the country.

Environmental Studies Refresher Course 2008

The UGC Academic Staff College, Aligarh Muslim University recently organized Subject Refresher Course in Environmental Studies on the theme “Environmental Development and Equitable social Order’ encompassing the thrust areas of environmental science and engineering, economics and trade imperatives carbon economy, development of bioethics and ecosophy, traditional environmentalism and environmental history. Dr. M Zafar Mahfoz Nomani, Reader Dept. of Law, AMU, Aligarh who has to his credit substantial research work on Environmental Studies was entrusted with the coordinator ship of the course.

The three weeks extensive course was in line with the approach adopted in Stockholm Conference (1972), Belgrade Charter (1975), Tbilisi Conference (1977), Delhi Declaration (1981), Rio Summit (1992), Johannesburg Summit (2002). According to course coordinator, Dr. Nomani, ‘the ontology of environmental studies has undergone a paradigmatic shift on the onset of free market economy, intellectual property rights regime and global movement for human rights.’ There is paramount need for pedagogic renovation of curriculum and modules of environmental studies despite the fact that National Education Policy (1986) spelt out for integration of environmental education in the entire educational process’, he further remarked.

The UGC ‘core module syllabus for environmental studies for under graduate courses of all branches of higher education’ and ‘Vision Statement of curriculum

Development Committee of environmental studies' was taken as corner stone of the course. Professor A.R. Kidwai, Director, UGC Academic Staff College, AMU, urged the participants to grasp fully the strategies for compulsory implementation of UGC Module, which represent a departure from the conventional text book Mode of teaching into the realm of real learning in the field.' The field studies, according to him, are essential as close work and represent a pivotal synergistic tool in the entire learning process of environmental studies as a part of higher education in India.

More than forty five sessions were held with the emphasis on assisted learning and interactive engagement. The course drew experts from National Technical Teaching Training and Research Institute, Chandigarh, Indira Gandhi National Open University, New Delhi, Banaras Hindu University, Banaras, Institute of Company Secretaries of India, New Delhi, Gurunanak Dev University, Amritsar besides environmental experts from the AMU, Aligarh grassroots environmental workers and NGOs.

The participants besides orienting in subject were equally exposed to academic writing, seminar presentation, teaching methodologies, research tools. According to Dr. Pervez Talib, who evaluated the seminar course, inspite of the fact the group was heterogeneous, their sensitivities towards environment were deeply reflected in papers as well as presentations. The objective behind the seminar presentation was to inculcate research methodology and academic skills while the teachers' presentation aimed to impart teaching methodology to the participants. Professor Najmul Haque, Incharge of Teaching Presentation, elucidated basic concepts and advanced tools of craft of teaching. All these sessions evoked deep interest among the participants remarked that while teachers training is an important aspect of teaching at school education, no concurrent curriculum is there to meet the requirement of university teachers.

One of the unique features of Subject Refresher Course in Environmental Studies was to subject the present regime of environmental studies to fierce critical scrutiny in the context of contemporary ecological crises relating to climate change, energy start action, food insecurity carbon economy and environmental taxation and trade-off. According to Professor A. R. Kidwai, the creation of eco-friendly society, sustainability planning and social coherence are dependent on the extent to which moral and ethical values and culture tolerance are embedded in higher education system.

In the valedictory session, Professor Masoodul Hasan, former Chairman, Dept. of English, and former Dean, Faculty of Art, AMU who was the Chief Guest, said that the horrendous consequences of environment imbalances are now being faced by entire humanity but at the same time environment sensitization has spread across all segment of society' Dr. Sandhaya Tripathi, a participant from Allahabad, expressed her satisfaction about the course. Dr. Mohd Arshad from Agra was of the view that the academic content in terms of lecture, course material, and handouts was highly enriching in conceptualization and subtle understanding of environment. Dr. Zahid Ali, Reader, Academic Staff College proposed the vote of thanks.

AMU Faculty attends International Conference

Dr. Asma Ali, Reader, Department of Mathematics attended an International Conference in Ring and Module theory held in the University of Hacettepe, Ankara, Turkey and delivered an invited talk on "Generalized derivations in prime and semi-

prime rings”. At present she is working in a major research project on Generalized Differential operations in rings and their applications were granted by UGC in the Department of Mathematics.

Committee to thwart dog menace

In the light of the widespread concern expressed by staff and students regarding the nuisance and menace caused by dogs and monkeys the Vice-Chancellor has taken a serious view of this matter. Realizing the need to provide full protection to staff and students in the AMU campus the Vice Chancellor, Professor P K Abdul Azis desires that the University premises should be made a dog and monkey-free zone.

As an immediate step the gates of various premises should be opened only during selected time. Staff on watch and ward duty should be on duty at the gates and they should ward off the stray dogs. Besides, the premises of Halls, Colleges, etc. should be kept clean by the respective heads of institutions. Regular de-weeding have to be arranged through MIC, Land and Gardens. Branches of trees adjacent to Halls, class rooms etc. should be periodically pruned.

The following committee is appointed to study the magnitude of the menace caused by monkeys and dogs and submit practical recommendations that could make the campus totally free from these menaces and suggest control, preventive and remedial measures.

A seven member committee under the Chairmanship of Professor Absar Mustafa Khan, Dean, Faculty of Life Sciences has been constituted. The other members are Dr. Afifullah Khan, Chairman, Department of Wildlife Sciences, Prof. Iqbal Parvez, Department of Zoology, Prof. Arif Inam, Department of Botany, Prof. M. Amanullah Khan, Department of Surgery and Prof. (Mrs.) Zulfia Khan, Department of Community Medicine The committee is to submit its report within three months.

VC assures Tibbiya Students

As a first step to seriously address the problems relating to BUMS and MD courses, the Vice Chancellor, P K Abdul Azis has convened a meeting of the Students’ Grievance Cell of the Ajmal Khan Tibbiya College. He said that the University administration is very much concerned and assured that all necessary help will be extended to protect the image of the College and the students’ interest.

While paying rich tribute to the student who was murdered last year the Vice Chancellor said that after the unfortunate murder of Mazhar Naeem, anti-social elements had indulged in arson and destruction in the campus leading to the closure of the University sine-die.

After that unfortunate incident, priority had been given to solve the problems of students and everybody had cooperated in it. He added, on the issue of decreasing seats in MD/MS of Unani Faculty, that the Health Ministry has identified several flaws. Dean of the Faculty and Principal of Tibbiya College have been instructed to remove all those shortcomings.

He also said that all vacant posts will be filled soon by holding Selection Committees .Professor Azis said that it is the responsibility of all people to maintain academic atmosphere and nobody will be allowed to destroy the peaceful atmosphere. Those who try to will be suitably dealt with and disciplinary actions will be taken against them. Nobody will be given liberty to tarnish the image of the University.

He said that students of Tibbiya College should approach their Principal and Dean for solving the routine problems. An atmosphere of goodwill and trust should be

developed and all Chairmen should also engage their minds to solve the problems of students keeping in mind the interest of the institution. The Vice Chancellor emphasizing that all problems related to students are to be addressed at departmental level and students should not take law into their own hands and cross the limits of the law. They should not disrupt the classes and create traffic jam by protesting on roads as it lower the prestige of the institution. He said that new books will be provided to Tibbiya College Library and five computers will be provided to each Department in the University, so that modernization of the institution could be achieved.

Dean of the Faculty, Professor Iqtedar-ul-Hasan Zaidi, Principal, Professor Saud Ali Khan alongwith officiating Registrar, Professor Javed Musarrat, Controller (Examinations), Professor Mohd. Irfan, Finance Officer Incharge, Yasmeen Jalal Beg, Proctor, Professor Muzaffar A Siddiqui and Electricity Engineer were present during the meeting of the Grievance Cell.

Students of the Faculty, both boys and girls, had put forward their problems before the Vice Chancellor without any hesitation.

AMU Faculty attends National Congress

Dr. Mohammad Mobin, Reader, Department of Applied Chemistry, Faculty of Engineering and Technology, A.M.U. Aligarh attended the 14th National Congress on Corrosion Control held in Hyderabad and presented a paper entitled, “Investigation on the Corrosion Failure of Boiler Tube in a High Pressure Boiler”. The Congress was organized by National Corrosion Council of India (NCCI) in collaboration with Central Electrochemical Research Institute, Karaikudi and Indian Institute of Chemical Technology, Hyderabad.

AMU Girl tops Geologist Exam

A girl student Ms. Sadaf Fatima, of Department of Geology, Aligarh Muslim University has secured first position in the All India Geologists Examination conducted by Union Public Service Commission.

Six other students of AMU Mohammad Ahmad, Khalilur Rab Ansari, Garvesh Raj, Mohd. Yousuf Khanday, Khursheed Ahmad Parray and Sajad Ahmad Wani have also been selected and Mohd. Ahmad secured twentieth position.

Workshop on Clinical Psychology

The department of Pediatrics, Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh organized a workshop on “A Holistic Approach Towards Clinical Psychology” in association with Aarogyamah Group at Jawaharlal Nehru Medical College. The objective of the workshop was to help refine skills of professionals in mental health and related discipline.

Professor M Ashraf Malik, Principal JNMC and Chief Medical Superintendent delivered the key note address. He threw light on ignorance of the parents about the psychological disorders in children.

Professor Malik mentioned that in adolescent clinic of the Department of Pediatrics around 1400 cases are registered per annum, in which majority are of psychological in nature.

“It is the need of the hour that parents should have an insight about the causes of psychological disorders and treatment for the healthy and all round personality development of child and adolescent he added”. In recent years it has been felt that there is a great need to provide younger mental health professionals sound practical skills.

Workshop provided training and deeper understanding of the specific skills in clinical counseling and colour therapy.

Dr. Rehana Ahmad welcomed the Chief Guest, Prof. A Q Siddiqui, Dean, Faculty of Medicine and speakers Mr. Rajesh C Pandey, Clinical Psychologist and Hypnotherapist and Anurag Pandey, Clinical Psychologist.

All India Neonatology Quiz

The Jhansi Medical College comprising Dr. Sanjay Chaurasia, Dr. Naga Poonam won the Second Divisional Round of All India National Neonatology Forum Quiz for Post Graduate Medical students held at Jawaharlal Nehru Medical College, Aligarh Muslim University here.

Dr. Shad Abqari and Dr. Amit Agarwal from Department of Pediatrics, J N Medical College, AMU Aligarh got the second prize. Dr. Neha Thakur and Dr. Nisha Panday from Institute of Medical Sciences, Banaras Hindu University, Varanasi bagged the third prize. While Dr. Sunita Yadav and Dr. Subhyata Agarwal from LLRM Medical College Meerut were on IV place. The winner team moved into the zonal round which will be held at Lucknow.

Dr. S Manazir Ali, Quiz Coordinator said that the aim of the quiz is to upgrade the knowledge of PG students for new born care and to reduce the mortality of the new born.

Department of Pediatrics, Jawaharlal Nehru Medical College, Aligarh Muslim University has organized 11th Divisional round of All India National Neonatology Forum (NNF) Quiz for Post Graduate students on 15th September 2008 in LT1 of JNMCH, AMU.

The programme began by recitation from Holy Quran followed by Bouquet presentation and speeches by Professor S Abrar A Hasan, Professor M Ashraf Malik and Professor Tabassum Shahab.

At the end the certificate were distributed by Professor M Ashraf Malik, CMS Principal, JN Medical College, UP Chapter, Professor Azra J Ahmad, NNF President, Dr. G P Lal, President IAP, UP Chapter. Vote of thanks was proposed by Dr. S Manazir Ali.

This Quiz was organized under supervision of Professor Tabassum Shahab, Chairman, Department of Pediatrics and assisted by Dr. Uzma Firdaus, Dr. Maroof, Dr. Amit, Dr. Nitin, Dr. Abhishekh, Dr. Kamran, Dr. Ashish and Dr. Shilpa.

Total knee replacement surgery

The first full-flexion (155°) total knee replacement surgery was performed by Dr. Aamir Bin Sabir at Department of Orthopaedic Surgery, J.N. Medical College, A.M.U., Aligarh. The surgical team comprised of Dr. Aamir Bin Sabir, Dr. Keshav Gupta, Dr. M. Shahnawaz Khan, Dr. Ambareesh P., Dr. Md. Abbas Jafri, Dr. Adnan, Dr. Garendra. The anaesthesia was provided by Prof. Shahjahan Bano and her team.

It is for the first time that this surgery has been performed independently by a surgeon at Aligarh. It is performed on the patients of Osteoarthritis with long standing knee pain and difficulty in walking and climbing stairs. After the surgery the patient is able to walk pain free and also to climb stairs easily. This surgery costs around Rs. 2 to 2.5 lakhs at most of the hospital in big cities like New Delhi, but in J.N. Medical College, A.M.U., Aligarh this surgery cost around Rs. 90 thousand only.

The surgery was carried out on a 49 year old male Mahender Pal, S/O Mr. Badam Singh, a resident of Hariom Nagar, Aligarh. He was suffering from severe knee pain from

last 9 years and was not able to walk more than few metres and was not able to climb stairs but after this surgery he can walk pain free and is able to climb stairs easily. He is also able to bend his knee upto 150° which is an excellent result.

Establishment of total knee replacement in the Department of Orthopaedic Surgery, J.N.Medical College, A.M.U., Aligarh will help patients of severe Osteoarthritis of knee to undergo surgery at a low cost compared to higher centres. Prof. A.A. Iraqi ex-Chairman, Department of Orthopaedic Surgery provided constant inspiration and infrastructure to make total knee replacement surgery possible at Aligarh.

AMU Students excel in Uttrakhand PCS (J)

Mr. Nusrat Khan and Rohit Agrawal, Students of LLM programme of AMU secured the first and the second position respectively in recently announced results of PCS Judicial Services examination of Uttrakhand State. Nusrat Khan joined AMU in BALLB and pursued LLM in 2008. Mr. Rohit Agrawal also did his BALLB and LLM from AMU. Mr. Rohit had secured 3rd rank in BALLB. He had been a recipient of University Merit Scholarship as well. Both these students credited their achievement to efforts and well wishes of their parents, teachers and institutions of which they were a part. They specifically acknowledged the contribution of Coaching & Guidance Centre of AMU for giving finishing touches to their preparations. Both these students are deeply inspired by Gandhiji and Sir Syed, and wish to emulate them as their role models. They exhorted law students to appear in big numbers in judicial services exam. They felt that this career will help them lead a life of dignity and honour and contribute to nation building through administration of justice.

Dental camp

The Department of Oral and Maxillofacial Surgery, Dr. Ziauddin Ahmad Dental College, AMU is organizing a free medical camp for the treatment of cleft lip, palate, correction of face, nose and jaw deformities with the help of a team of German experts. Dr. S. A. Ahmad, Head, Department of Oral and Maxillofacial Surgery said that a pre-registration is essential for treatment at the camp. Dr. Ahmad said that a person suffering from any kind of facial deformity or their guardians may come to the camp for treatment after taking a prior appointment. Dr. Ahmad further said that no fee shall be charged for the treatment. For further enquiry regarding the camp one may call on 09358061599 and 09319471812.

Badminton team wins

Badminton Team of the Aligarh Muslim University has entered in the All India Inter University Tournament after defeating rival teams in the North Zone Inter University of Badminton Tournament being played at the Dr. B R Ambedkar National Institute of Technology, Jalandhar. It is for the first time that team of AMU is going to participate in All India University Tournament.

In the North Zone Inter University of Badminton Tournament, the AMU team defeated Jamia Milia Islamia, New Delhi by 3-1, Himachal Pradesh University, Shimla by 3-0, Punjab Agricultural University, Ludhiana by 3-0 and Maharishi Dayanand University, Rohtak by 3-0. The AMU team comprises Krishnaveer Singh, Faiz Khan, Vjay Khan, Vikay Raj Sharma, Ajay Raj Sharma, Aman Singh Vishan and Prashant Kumar Yadav. Secretary of the Games Committee, Prof. Tariq Mansoor and President of gymkhana Club, Prof. Tabassum Shahab have congratulated the member of the team and

said that this team will keep up the spirit and display extraordinary show in All India Inter Universities Tournament to glorify the name of AMU.

ICU to get facelift

Professor Ashraf Malik, Principal and Chief Medical Superintendent, Jawaharlal Nehru Medical College, Aligarh Muslim University appealed to all the resident doctors and staff of the Medical College to extend their sincere cooperation in upgrading the quality of health care in the hospital. He said that his top priority is to streamline the patient management in the emergency unit and to improve the treatment facility available in the ICU.

Professor Ashraf Malik was addressing the World Anaesthesia Day Function organized by the Department of Anaesthesia, Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh. He said that the sincerity and dedication of the resident doctors and the high quality of academic environment in the department is praise worthy. He also said that he has no hesitation in mentioning that the department is one of the best departments in the medical college.

He distributed the prize to the winners of Quiz Competition, namely Dr. Suhail Siddiqi, Dr. Irfan, Dr. Madhulika and the runners up Dr. Jotsna, Dr. Md. Asad and Dr. Dhiraj.

Earlier the program was inaugurated by Dr. Shahala Haleem, Reader, who in her welcome address, emphasized on the important role played by the advancement role played by the anaesthesiologist in the advancement of modern science. Dr. SN Jamil, reiterated that advancement in surgical field could take place only because of the advancement in anaesthesia.

Dr. S Moied Ahmed, Reader, thanked the Chief Guest for accepting the invitation despite his busy schedule. He also thanked Prof. MMH Siddiqi, Prof. S Bano, Dr. Abdul Quadir and all the Office staff, especially the junior faculties, Dr. H Usmani, Dr. SH Amir, Dr. Farah Nasreen, Dr. Abu Nadeem and Dr. M Daud.

PervezMustajab becomes OSD

The Vice Chancellor of Aligarh Muslim University has appointed of Professor Parvez Mustajab, Department of Electronics Engineering, Zakir Husain College of Engineering and Technology as Officer-on-Special Duty (Development). Dr. Parvez Mustajab did his B.Sc. Engineering and M.Sc. Engineering in Electrical Engineering from AMU and Ph.D. in Electronic Engineering from IIT, Roorkee. He has about 28 years of teaching and research experience.

Dr. Pervez also served as the Training and Placement Officer at Zakir Husain College and Engineering and Technology from May 2000 to September 2007. During his tenure the campus placement rose from zero to 100%. He also played a key role in preparing the vision document 'Upgradation of ZHCET to IIT level'

Naima Khatoon attends International Seminar

Dr. Naima Khatoon, Reader, Department of Psychology, Aligarh Muslim University has participated in an international project on composite dialogue at Louisville University, United States of America recently.

Speaking on religion and society Dr. Naima Khatoon said that Americans and the visitors can learn from each others approaches to common problems. For example, Muslims are minorities in both India and the United States. Its important not to let

minority youths become alienated. If minorities are not integrated into the national mainstream, no nation can progress, she added.

The basic purpose of this academic exercise is to promote greater knowledge and understanding between South Asian Muslims, American Muslims and non-Muslims, in both academic and community life. Dr. Naima has worked on Political Alienation of Indian Muslim Youth. During her stay in USA she was invited to talk on the different dimensions of alienation among the minorities. She was also invited to give talk in different Peace Research Centers and Seminars at Louisville, Kentucky, New York, Washington, Baltimore and Indiana State.

New Director MAS

Professor Shahid Ali Siddiqui has been appointed Director of Medical Attendance Scheme (MAS) of Aligarh Muslim University, Aligarh. Prof. Siddiqui is presently Head of the Department of Radiotherapy. He has also served as the Medical Superintendent of J. N. Medical College, AMU. He has taken charge from Dr. Jawaid Usmani, the outgoing Director of MAS.



His appointment as Director of MAS has been made till further order.

Literature Strengthens National Integration

A noted Bengali writer, Professor Barun Kumar Chakraborty said that literature plays a very vital role in strengthening national integration. It draws attention to love, affection, sympathy and the subtle qualities of human being. One may have different aptitude, may be a follower of a particular religion but that does not mean he or she will have hatred towards others who do not subscribe to his or her views. Literature teaches us tolerance too.

Prof. Chakraborty was delivering the keynote address at a two-day National Seminar on “Contemporary Indian Literature to National Integration” organized by the Department of Indian Modern Languages at the Aligarh Muslim University.

A former professor of Kalyani University, Dr. Chakraborty pointed out that in the language of functional politics the term ‘national integration’ means cohesion but not fusion, unity but not uniformity, reconciliation but not merger, accommodation but not elimination, assimilation but not extinction, synthesis but not non-existence, solidarity but not regimentation of the many segments of the people in a territorial sovereignty.



He urged the delegates that literature should effectively be used in strengthening our integration. We must not forget its tremendous potential for all time and for good.

While highlighting the objectives of the national seminar, Dr. T. B. Chakraborty, Chairman of the Department of Modern Indian Languages of AMU said that national harmony is more relevant in the present situation of our country because we are facing with the disintegration elements in the society.

He said that the whole country is plunged today into disbelief, distrust and disrespect to each other's faiths, beliefs and culture-the theme of the seminar has a special message to convey towards national harmony.

Dr. Chakraborty said that the Department of Modern Indian Languages is a 'nucleus' department of AMU from where the voice of national integration, brotherhood and national harmony may set an example for the whole India or the people from various parts or states of our country are assembled in the department and promoting the student's mental faculties aware of oneness of India through teaching and interaction.

In the presidential address, noted Persian scholar and former Dean, Faculty of Arts, Professor Azarmi Dukht Safavi said that the spirit of unity and oneness is not a new concept in democratic secular India but the great Persian poet Shaikh Saadi had said that 'all human beings are like one limb of the body'. She hoped that this seminar would provide a platform to bring to the people of different faiths, language and culture closer and closer in order to promote and strengthen national integration and this integration is need of our nation.

On this occasion, Prof. Shaikh Mastan and Prof. Abul Kalam Qasmi, Dean, Faculty of Arts also addressed the inaugural function. A book 'Modern Bengali Prose Literature' by Dr. T. B. Chakraborty was also released by Prof. Azarmi Dukht Safavi.

Dr. Murthy proposed the vote of thanks.

AMU Skating Team gets runners' up trophy

The Skating Team of Aligarh Muslim University has won the runners' up trophy in 32nd All India Open Roller Skating Championship 2008 held at Mussoorie, Uttarakhand recently. The Junior Roller Hockey Skating Team of Aligarh Muslim University has already earned name and fame by winning championship trophy in Junior Roller Hockey Match.

About 15 teams from Delhi, Punjab, Amritsar, Bihar, Haryana and UP participated in this tournament. AMU Senior Team comprised of Mr. Wasimur Rahman, Abdul Saleem (Captain, Senior Roller Hockey Team, AMU), international player Atif Hasan, Ahmad Kamal Baig, Anoop Kumar, Ahmad Nabeel Khan, Mohammad Amir and Mohammad Faizan while the Junior Team was represented by Mohammad Yaqzan (Captain, Junior Roller Hockey Team, AMU), Mohammad Labeeb Akbar, Osama, Samarth, Toshit Umar Sherwani, Umer Alam, Shadab and Adeeb. Umer Alam, Class IV of AMU won third place in Individual Skating Competition of 10-12 years age group.

The President of AMU Gymnasium Club, Dr. F. S. Shirani while expressing happiness and thanking Mr. Ali Akbar, Coach of AMU Skating Club for his labour and contribution said that the credit for these historic achievements goes to Prof. Tariq Mansoor, Secretary, University Games Committee.

Vice-Chancellor visits Women's college

The Vice-Chancellor Professor Abdul Azis visited Women's college to felicitate Professor Bilquis Nasim Waris's appointment as Principal of the institution. He conversed with the students in their respective classes. He visited various sections, labs and the Home Science Department to know the state of things better. Finally he arrived at the conference Hall of the Administrative Block where the teaching and non-teaching staff warmly welcomed him with a bouquet and cheers. The Principal Women's College introduced him in a formal way and read the welcome address. The staff members presented their problems and Professor Abdul Azis promised to assist the staff in a

befitting manner. He admired the efficiency and relentless efforts of the principal regarding the mode of work assigned to her. He asked the staff members to cooperate with the principal who needs their support and inspiration to succeed in her endeavours. Professor Bilquis Nasim Waris assured the Vice-Chancellor that she along with the staff of Women's College will revive the glory of this institution and keep the torch of light burning bright as Dr. Sheikh Abdullah inculcated this spirit in every member of the Abdullah College. The Vice-Chancellor left the College in a cheerful mood.

Four M. Sc. Biotechnology students get AAANE Scholarship

Four students of M. Sc. Biotechnology have been selected by the Aligarh Alumni Association of New English (AAANE) for the award of Sir Syed Scholarship for Excellence in Science for the year 2008-2009.

The award provides financial assistance to the students for appearing in the GRE and TOEFL examinations and applying for admissions to some of the prestigious universities of USA.

1.Mr. Mohd Moin, 2.Ms. Savita Singh, 3.Mr. Shakir Khan, 4.Mr. Zain Qaadri.

A.M.U. Faculty Members Attend International Forum on Fisheries

Professor Asif A. Khan, Dr. Mukhtar A. Khan, Dr. (Mrs) Saltanat Parveen and Dr. M Afzal Khan along with their Research Scholars of Fisheries section, Department of Zoology, A.M.U., Participated in the 8th Indian Fisheries Forum "Eat Fish for Health & Conserve for Livelihood", held at Eastern Zonal Cultural Centre, Salt Lake, Kolkata - 700079, W.B., India. The Forum served as a platform to discuss in depth all the issues related with national and regional fisheries including Aquaculture, encompassing nutritional security, sharing and use of new knowledge and technologies, economics, market trade and investment reforms, sustainable management of natural resources, particularly the fast degrading water quality, impact of climate change and loss in biodiversity. An international Symposium on "Water Fish and Environment", was also held to further strengthen our mutual learning, sharing and possible networking for common good.

All the Research Scholars presented their research findings either orally or through posters. One of the research scholars, Ms Maryam, was awarded "Best Poster Presentation" award on her research work entitled "*Biodiversity of periphytic community in freshwater body of Aligarh*". In addition, many researchers from 25 countries participated in this international Forum and presented their research findings.

Afzal Anees becomes a fellow of International college of Surgeons

Dr. Afzal Anees, a senior Lecturer in the department of Surgery, J N Medical College, AMU Aligarh has become the "fellow of the International college of Surgeons" (FICS). He received the award at the annual conference of Indian section at Trichy. He also presented the paper on the "light weight mesh in the open inguinal hernia repair" in the same conference. The International College of Surgeons with its head quarter at USA gives the opportunity to become the part of international surgical diseases and their management at International level.

He also received the award on 7th Nov; 08 in the annual conference at Rohilkhand Medical College, Bareilly of "young outstanding teacher in Surgery-2008" which was earlier declared by association of Surgeons of India UP chapter. He also presented the guest lecture on "Gastrointestinal stromal tumours" a newer concept in gastrointestinal neoplasms.

According to Dr. Afzal Anees Surgery is the field of constant strives. He wants to work hard for better patients care and management under dynamic leadership of his teachers and mentors.

Shahla Haleem attends international workshop

Dr. Shahla Haleem, Reader, Dept. of Anaesthesiology has participated in the 1st international workshop on obstretic anaesthesia from 4th -7th September 2008.

This was the first mega event in anaesthesia where more than 1000 delegates attended and participated in the conference. It was milestone land mark in the history of association of obstretic anaesthesiologist; the scientific proceeding was very interesting. This was a platform for real scholastic exercise towards modern concept and better understanding of obstretic anaesthesia.

She presented a paper “Single shot spinal analgesia versus combined spinal epidural anaesthesia for lower segment caesarian section” with new concept of reduction of intradural space in CSE which was appreciated by the faculty and delegates.

Iqbal Day Celebration

On the eve of the 132nd birth anniversary of Allama Iqbal, the Philosophy Society, Aligarh Muslim University Aligarh, organized a special programme on 9th November, 2008 at 11 a.m. in the conference room of the department of Philosophy. Dr. Latif Hussain S. Kazmi delivered a lecture on “*Iqbal Reconstruction of Islamic Thought*”.

Dr. Kazmi emphasized that Allama Iqbal’s poetico-philosophical thoughts are equally important and relevant in today’s world to understand the true spirit of Islam. He pointed out that Iqbal studied both the eastern and western literature, developed his thought system by imbibing and encouraging the Philoshphico – scientific spirit and keeping in view the deep spiritualistic tradition of Islam.

Dr. Latif Kazmi said that having sensitive mind Allma Iqbal did not remain passive observer of whatever situation occurred during his life. The severe after - effects of the 1857 revolt, for example, left painful effects on his mind. He tried to analyse the causes of the economic, educational, socio-political back-wardness and religious confusions of Indians, particularly Muslim and came to the conclusion that the cure for all problems of muslim society lay in adhering to the Islamic moral and spiritual ideals and reconstructing and reinterpreting the basic Islamic beliefs, concepts and values Allama advocated that only rational and scientific approach to various aspects of human life could bring a radical change and lead towards progress and prosperity of the Muslim Ummah.

Dr. Latif highlighted such issues as Ijtihad (reinterpretation), Taqdir (destiny), struggle, change, freedom and creativity, etc. which are the characterizing features of Iqbal’s philosophy and poetry. He also brought out Iqbal’s emphasis on inseparability of religion from politics and other spheres of human endeavour. Dr. Kazmi also threw on iqbal humanistic vision, his emphasis on universal love and service to mankind in the light of the Holy Qur’an and the tradition of Prophet. The lecture was followed by a lively discussion amongst students and scholars. The Chairman of the Department Mr. Mohammad Muqim concluded the discussion.

Naeem gets Young Scientist Award

Dr. M. Naeem received the Young Scientist Award under the SERC Fast Track Scheme, Department of Science and Technology (DST), Govt. of India at the Department of Botany, AMU, Aligarh. Recently he has also been awarded the Research Associateship by the Council of Scientific & Industrial Research (CSIR), New Delhi. Before this, Dr. Naeem has worked as a senior Research Fellow (SRF) in the project

funded by Department of AYUSH, Ministry of Health and family Welfare, Govt. of India for two years. He has published several research papers in National and International Journals and also presented his research work on medicinal plants in National and International Conferences/Seminars.

AMU Girl in Ranji Team

The Captain of AMU Women Cricket Team Ms. Suboor Khan has been selected for the camp of UP Women Ranji Trophy Cricket Team. Ms. Suboor Khan is a student of Master of Social Work, Department of Sociology and she is the first girl from AMU ever selected for the UP Women Cricket Team of State level.

Multilingual Indian Culture Admired

Fulbright Fellow at the Aligarh Muslim University, Professor John C Miller of University of Colorado, United States of America has been given reception by the Academic Staff College and the Department of English jointly. On the occasion while expressing his view, Professor John C Miller appreciated multi-lingual culture of India and Aligarh Muslim University. In his tribute to the founder he said that Sir Syed Ahmad Khan's emphasis on education is the secret of progressing this institution. Professor Miller said that Indians know many languages but emphasis on learning mother tongue should be given. Professor Miller on election of the Barack Hussain Obama, President elect of United States of America, said that a new era will start and Indo-American relations will be stronger.

Former Vice Chancellor of Aligarh Muslim University Professor M Saleemuddin while welcoming Professor Miller said that from the biologist's point of view human language is deeply puzzling the rules of its evolution. He said that language is a vibrant and fully developed faculty in human beings and not processed by other living species. Professor Saleemuddin hoped that short term exchange of faculty and students between Aligarh Muslim University and United States of America will stimulus to the process of learning and communication. Professor Saleemuddin also conveyed the greetings of Aligarh Muslim University Vice Chancellor, professor P K Abdul Azis to Professor Miller.

Professor A R Fatehi, Chairman, Department of Linguistics in his address said that the Fulbright Award to Professor John C Miller is a testament to his record of academic excellence and his expertise in a field that is of critical importance to India and the United States of America. He said that Professor Miller's presence at the AMU will help in the international collaboration in vital area as ESL and ELT.

Director UGC Academic Staff College Professor A R Kidwai in his introductory speech told that Professor Miller during six weeks stay at AMU not only shared his expert knowledge with research scholars and University students but benefits will also be received by the school students.

Professor Emeritus Farhatullah Khan told that till the late forties Department of English, AMU served by the British Professors of the English language and AMU has the distinction of giving the instruction in the English language from class Nursery to Ph.D. Professor Sohail Ahsan, Chairman, Department of English told that the Department of English established during the time of Sir Syed Ahmad Khan in 1877. He told that learning of English literature is compulsory to all the Bachelor level students. Manager, USIF Program, Sudarshan Das also addressed in the program. Program was conducted by research scholar Adeeba Nusrat.

AMU'S grant enhanced

Vice Chancellor Prof. P. K. Abdul Azis said that the XI Plan visiting team has recommended Rs. 184 Crore under the general development grant which is the largest fund ever the University will be receiving. Addressing the consultative meeting of Deans, Head of Departments of Studies and Principals of Colleges of Aligarh Muslim University the Vice Chancellor said that AMU intends to build an exclusive hall of residence for disabled student, an additional hall for girls to accommodate 1000 students and the whole campus will be renovated as the University Grants Commission has accepted several proposals of the University.

According to Prof. P. K. Abdul Azis “the UGC made it clear that the sprawling campus of the AMU needs a thorough facelift and special deal is being given to AMU in the eleventh plan. For providing facilities to students and making it a centre of excellence, UGC is committed to provide the funds required by AMU”. The University will also start remedial coaching for SC, ST and minority students at undergraduate and post graduate level and all the ICT facilities will be made available in the campus.

Addressing the meeting the Vice Chancellor said the Central Library and Computer Centre will be expanded and upgraded substantially. The University will provide visiting Professorship in selected departments and offer financial support for publication of outstanding research works. It will also support departments to organize seminars. Construction of washrooms for girls and differently abled will also be a top priority, he added.

While reviewing the progress of utilization of funds in various departments the Vice Chancellor has exhorted the Chairmen to utilize the allocations for books and equipments within one month's time frame. Prof. Azis emphasized on strictly adhering to the Central Government Purchase rules.

In lieu with the Government's commitment to provide funds and infra structure to start new shifts at Engineering and Medical Colleges, Prof. Azis suggested that the Engineering and Medical Colleges of the University may consider the proposal.

Professor Azis said UGC has desired all the universities to fill the vacant posts without delay and the General Selection Committees are being planned at AMU on priority basis. The Vice Chancellor has asked the chairmen to utilize the allocated funds judiciously and promptly as no money should remain unutilized. The meeting was attended by all the Deans, Principals and Chairmen of the University.

Conference on Quality Assurances

Professor Thuppil Venkatesh, Principal Advisor, Quality Council of India said that the issue of Quality Assurances is being more relevant during current times that require close monitoring and strict quality control.

He was inaugurating a two day National Symposium on “Advances in Clinical Biochemistry-Biomarkers, Molecular Diagnosis and Quality Assurances” at the J. N. Medical College, Aligarh Muslim University. Professor Venkatesh urged the young scientists to start dreaming for better health and better society. He pointed out that the quality minded people can think quality of education and self appraisal is need of the hour.

In his presidential address Professor P. K. Abdul Azis the Vice Chancellor of the Aligarh Muslim University said that the concept of quality consciousness be developed at

every level. He said that high quality researches are needed in medical profession. He further said that scientists are like silent heroes and they should come out from their shell.

Professor Azis said that Aligarh water is very polluted and water related diseases are very common in this city. He appreciated the efforts of the Department of Biochemistry in the medical faculty in the field of research. While welcoming the delegates, Professor Asif Ali, Chairman of the Department of Biochemistry at J. N. Medical College said that the department has produced 90 PhDs, 75 M.Phils and 25 MD degrees since its establishment in 1962.

He pointed out that the faculty members of this department have presented about 500 research papers in various science conferences and have published approximately 360 research papers in reputed international journals. In addition the faculty members have completed almost 50 major projects funded by reputed agencies.

Prof. Asif Ali also mentioned that the Department has submitted a proposal to the Department of Science and Technology (DST) for assistance to the tune of Rs. 164 Lakhs under FIST Programme. Dr. Najmul Islam, organizing Secretary of the Symposium highlighted the objectives and said that as a matter of fact, the rapidly expanding knowledge of clinical biochemistry coupled with quality Assurance at the molecular level is providing new targets for disease characterization, early diagnosis and drug discovery and development.

He hoped that this symposium would be of immense help in providing a platform for medical and life sciences scientists, doctors, biotechnologists to discuss, deliberate and evolve novel ideas in the field of clinical Biochemistry involving molecular diagnosis and advanced new era biomarkers and quality assurances in order to combat wide spectrum of diseases.

On this occasion, Dr. Arun Raizada, President, Association of Clinical Biochemistry of India (ACBI), Professor Abu Qamar Siddiqui, Dean, Faculty of Medicine, Professor Ashraf Malik, Principal, J. N. Medical College also addressed the inaugural function. AMU Vice Chancellor Prof. P. K. Abdul Azis released the souvenir. Dr. Moinuddin proposed a vote of thanks.

V C felicitates players

The Vice Chancellor of Aligarh Muslim University Prof. P. K. Abdul Azis invited the University players at his residence to felicitate them and congratulate them on their recent achievements.

The Badminton Team of Aligarh Muslim University succeeded in entering All India Intervarsity Tournament for the first time in the history of AMU while two of its players were selected for the UP Badminton Team.

Similarly, the Roller Skating Team of Aligarh Muslim University brought home the championship trophy after winning the All India Roller Skating Championship played at Musoorie. Keeping the pace, the Hiking and Mountaineering Club of AMU got 'A' Grade at Manali. Not lagging behind, two players of AMU Cricket Team have been selected for the UP Ranji Trophy and Ms. Suboor Shervani of AMU has been first ever woman cricket player to be selected for the UP Women's Cricket Team.

The Secretary of AMU Games Committee Prof. Tariq Mansoor said that the Vice Chancellor of AMU Prof. P. K. Abdul Azis takes special interest in games and sports and provides all the facilities for the players so that high class players are born from this University. This is only because of his special attention that the University could be able

to gain a host of achievements in different events of sports. Prof. Mansoor said that our players are doing very well and the present achievements are merely the beginning of our long journey. We are yet to cross a number of milestones. He thanked the Presidents, Captains and Coaches of various sports clubs of Aligarh Muslim University.

Prof. V. K. Abdul Jaleel, Registrar addressing the gathering said that the evening needs to be remembered. Congratulating the players he reiterated that Aligarh Muslim University will march forward more records will be earned to its name. The District Magistrate of Aligarh Mr. K. Mohan Rao, Presidents and Coaches of different sports clubs of AMU were also present on the occasion.

AMU Faculty Delivers Lecture

Dr. S Moied Ahmed, Reader & Incharge ICU, Department of Anaesthesiology, JN Medical College, AMU, Aligarh, was invited as a faculty to deliver a lecture on the topic entitled “Current Concepts in Post Drowning Management”, and conduct a workshop on “Airway Management in Emergency”, in the 4th Annual Indo-US Emergency Medicine Summit & 3rd Annual Assembly Indo-US Academic Council of Emergency and Trauma meet held at Mangalore from 10th to 12th Oct’08. He received the “Speaker of the Year” trophy for the delivered lecture. Dr. Md. Shahnawaz Moazzam, Senior Resident of the department received the 1st prize in Poster presentation and 2nd prize in Clinico-pathological case presentation. The conference was attended by over 2000 delegates from all over India and faculties from India & University of South Florida, World Association of Disaster & Emergency Medicine, State University of New York, and Sunny Down State Medical Center, New York.

Women’s college wins Basketball Trophy

The basket ball team of the Women’s College of Aligarh Muslim University has won the Trophy by defeating the Physical Health Education by 19-15. In the final of the IV Sheikh Mohammad Abdullah Memorial Women’s Basketball Tournament being played at Women’s College, Aligarh Muslim University.

Both the teams displayed quality performance in all the four quarters. Initially the team of Physical Health Education made a clean sweep over its opponent but the later two quarters made it clear that the Women’s College team is going to give its opponent a neck to neck competition, finally making its victory an expected truth. The Women’s college team registered a victory of 19-15 over the team of Physical Health Education. Captain of Women’s College Hadia Husain got ten points for her team and Zubairiya Zaman got nine points. Likewise Poorvi of PHE secured all fifteen points for her team. She was declared ‘Best Player’ of the tournament.

Prof. V. K. Abdul Jaleel, Registrar of the Aligarh Muslim University presented the winner’s and runner’s trophies to the Women’s College and Physical Health Education teams respectively. Poorvi received the prize for Best Player Prize of the Tournament. On this occasion Prof. V. K. Abdul Jaleel said that it is for the first time that the Women’s College has hosted a regional sports meet and college administration deserves all the applause for this. He said that the representation of girls in sports activities should be increased.

On this occasion Prof. Bilquis Naseem Waris, Principal of the Women’s College presented a report on achievements of the College. Ms. Razia Rizvi welcomed the guests while Ms. Aziza Rizvi proposed the vote of thanks. The programme was conducted by Mariam Shaheer.

Lecture on Antibiotic Resistance

Drug resistance can be considered as a natural response to the selective pressure of the growing drug marketing. Though, there is an increasing incidence of antibiotic-resistant pathogens all over the world, but, still few measures are being taken in this direction, remarked Dr. Rahman. While, delivering the guest lecture as a part of Continuing Dental Education (CDE) on “Antibiotic Resistance” at the Conference Hall of Dr. Z A Dental College, AMU, Aligarh,

Dr. Syed Ziaur Rahman, Lecturer, Department of Pharmacology, JNMC, AMU, Aligarh, enlightened with a few astonishing facts related to antibiotic resistance. It is estimated that more than 5000 to 10000 different species of bacteria live in the human body but some are real pathogen. The illegal, irrational and misuse of antibiotic is the main reason in making these few pathogens resistant. A bacterium that has been in existence for millions of years without any opposition, is now defeating 50-year-old antibiotics. This is a war of microevolution vs. microbial evolution. Alexander Fleming, the discoverer of first antibiotic, himself recognized the potential danger of antibiotic resistance way back in 1945

Dr. Rehman stressed that misuse of penicillin could lead to the selection and propagation of mutant forms of bacteria resistant to the drug. Although, the first penicillin-resistant bacteria appeared several years later, but now the position is beyond control. A resistance to antimicrobials, recognized more than 50 years ago has led to an increase in morbidity, mortality and cost of health care. TB, which is still a very common disease in all developing countries, is currently becoming extensive drug resistant (EDR) leaving behind the problem of multidrug resistant (MDR). Bacteria have efficient mechanisms of genetic transfer which spreads resistance.

He further stated that the problem of antibiotic resistance is specifically been facing in all ICUs of the world. He laid the stress to promote the use of Standard Treatment Guidelines (STG) of WHO, developed according to antimicrobial resistance patterns, formation of Drugs and Therapeutic Committees (DTC) including Committee for Hospital Antimicrobial Policy (AMA), should be constituted in each medical hospitals.

The Committee for AMA Policy in JN Medical College Hospital has been in existence but without any significant role. Moreover, there is no set up of DTC, “Hospital Formulary”, STG and Model List of Essential Medicines in the College Hospital. Dr. S S Ahmad, Chairman, Department of Oral and Maxillofacial Surgery, Dr. Z A Dental College, AMU, Aligarh, before starting the CME program introduced the speaker and asked Prof. S. H. Hashmi to say a few words on the importance of CDE. Prof. S H Hashmi, Principal, Dr. Z A Dental College, AMU, Aligarh, while presiding over the session also said that the lecture of Dr. Rahman is very pertinent in the present scenario, when bacterial resistance is becoming a global problem. The development of new antibiotics has slowed but the growth of resistant microorganisms is increasing.

In the end of the CDE programme Dr. Ahmad thanked the audience particularly the students, staff of Dental College and GlaxoSmithKline, who arranged the programme so nicely.

Award of Excellence to Afshan

The Vice Chancellor of the Aligarh Muslim University, Professor P. K. Abdul Azis presented an Award of Excellence to Dr. Afshan Naheed Hashmi, President of the Global Regulatory and Business Solutions, Maryland, USA at a function organized by the Ladies Club of the University.

Prof. Azis Said that Afshan is the most enthusiastic and dedicated lady and she was the first person who gave an idea to hold the World Summit of AMU Alumni. AMU Vice Chancellor said that AMU ladies are highly educated as a source of strength to the society. He urged the office bearers of Ladies Club to come forward for more social work and remove the illiteracy in the University surroundings.

Dr. Jamila Majid Siddiqui, President of the Ladies Club said that a core group of 6 women established this Club along the lines of the Army Wives Welfare Club in 1972. The main purpose of the Club was to offer a platform of social and cultural awareness of AMU women and other enlightened women in the city. She said that it was resolved that AMU Ladies Club will not discuss issues pertaining to the University's functioning, but will enhance the image of AMU through its social and cultural work.

Dr. Jamila Majid Siddiqui highlighted the activities of the Club and said that the Club set up the Ismat Literacy Centre to provide education of the girl children from the poor households of areas neighbouring the AMU Campus. Prof. M. Saleemuddin was the Guest of Honour. Mrs. Azra Farooqui, Secretary of the Club welcomed the guests.

Durrani becomes MIC Publications Division

Professor N A K Durrani, Department of Mass Communication and Media Advisor, Public Relations Office has been appointed as Member-in-Charge, Publication Division till further orders. Professor Durrani is also a member of the editorial board of the Gazette. Professor Durrani has written extensively on media research related topics and has published books.



Special Quiz Center inaugurated

Prof. M Ashraf Malik, Principal and Chief Medical Superintendent of JN Medical College and Hospital, AMU, Aligarh while inaugurating the 'Special Quiz Centre' for ITP-IPS National Pharmacology Quiz 2008, said that there is a need to provide all medical students a platform so that they can demonstrate their creativity, share their vision, and apply their analytical skills in a totally relaxed environment. He praised the efforts of Dr. Syed Ziaur Rahman, Lecturer, Department of Pharmacology, in taking the lead in starting such quiz competitions for pharmacology students. Under the guidance of Dr. Rahman, Department of Pharmacology, J N Medical College, Aligarh Muslim University, Aligarh, organized a preliminary round of ITP-IPS National Pharmacology Quiz.

After written test to screen out the best 5 candidates, vocal round with 6 sessions was held. Dr. Shewale Rishikesh (KGMU, Lucknow), Dr. M. Iftikhar (JNMC, AMU, Aligarh) and Dr. Yogesh Khunte (JNMC, AMU, Aligarh) have been selected for National Quiz. These 3 will now form an "Aligarh Team" to participate in the Final Round at 41st Annual Conference of Indian Pharmacological Society at AIIMS, New Delhi. Dr. Rahman, who is the National Coordinator of ITP-IPS National Pharmacology Quiz 2008 at New Delhi, informed that at least 10 teams of 3 members will play the final round. The

judges namely Dr. Hammad Usmani (Department of Anaesthesiology), Dr. Piyush Kumar (Department of Psychiatry) and Dr. Onkar Singh (Department of Pharmacology) announced the final results and distributed the attendance certificate to all participants.

Dr. Varun Gupta (Department of Pharmacology) and Dr. Girish Meshram (Department of Pharmacology) helped in maintaining the time and score. Dr. Jameel Ahmad (Lecturer, Department of Pharmacology) announced a special prize from his side to one of the attendee who answered highest number of times from the audience.

Dr. Masroor gets CST Project

Dr M. Masroor A. Khan, Reader, Department of Botany, AMU, Aligarh has been awarded a research project sponsored by the Council of Science and Technology, U.P. for a period of two years. This project is entitled, “Assessment of Antioxidant Values, Phytonutrients and Active Constituents in North Indian Vegetarians”.

Under this project the antioxidant values to fight against the damaging effects of certain carcinogens and other ageing factors in commonly consumed vegetables. Moreover, some other compounds which are important from the nutritional point of view will also be evaluated. According to Dr. Khan today there is an alarming increase in the diseases caused by improper diet. Therefore, it has been considered desirable to evaluate their antioxidant values in the North Indian vegetables so that the masses could be kept abreast and updated regarding anti-oxidative properties of vegetables.

Vice Chancellor Releases New Monthly

Aligarh, December 18 Professor P. K. Abdul Azis Vice Chancellor Aligarh Muslim University said that while presenting the Muslim outlook on different issues we must keep in view the secular traditions of India and we should strengthen the secular traits in India. Professor Azis was addressing the release ceremony of English Monthly “Islam Muslim and the world” edited by noted writer and journalist Dr. Javed Jamil.



Professor P. K. Abdul Azis expressing happiness on the release of English monthly said that he believes that Aligarh Muslim University should take active part in healthy debate on various issues. He further said any idea could be discussed more actively in the University. He claimed that Indian Muslims were as nationalist as the people of any other community. He urged that we should strive to keep up the golden tolerance and mutual understanding and should endeavour to

stand high with our cultural identity.

Professor Azis said that he feels it is a difficult job to publish a magazine. He informed that he had earlier edited a magazine when he was the President of Research Scholars Association. Professor Azis while congratulating Dr. Javed Jamil for Publishing the monthly assured him of his “cooperation”.

Professor N. A. K. Durrani of Department of Mass communication said that it was an exciting occasion for him. He said that there is always some objective behind the publication of a magazine and the job needs collective efforts.

Dr. Shafey Kidwai, Chairman Department of Mass communication said that Islam has become a central issue in today's world. The name of the monthly it self suggests that it would attract the people throughout the world who wish to get specific information on Muslims and Islam. Dr. Kidwai said that although the magazine is published from a small town Saharanpur of Uttar Pradesh the content of magazine gives it the status of an international magazine. He said that the magazine consists of 26 articles with the contribution of seven articles from USA, two from Australia and one from Singapore.

The Editor of "Islam, Muslim and the World" Dr. Javed Jamil highlighting the objectives of its publication said that our motto is to present the international issues according to Islamic outlook with specific attention on the solution instead of problems only. He said that magazines shall also strive to cover the achievements of Muslims through out the world.

He said that Islam advocates for universal love, peace and tolerance and it is our responsibility to propagate this message around the world to help shed confusions and misconceptions.

Prof. A R Kidwai, Director, Academic Staff College said that Dr. Javed Jamil has authored more than a dozen books and he has contributed more on public health issues including AIDS. Dr. Kidwai urged Muslims of India not to become victims of ghetto mentality. They should work for the popularization of positive thinking among the community.

The Dean faculty of Theology Prof. Saud Alam Qasmi said that a pen is more powerful than a sword. He said that the pen of a journalist seeks to cultivate love and tolerance in the society instead of creating hate and narrow feelings. The Principal of J N Medical College Prof. Ashraf Malik said that God helps only those who to help themselves. He lamented that the patient belonging to the Muslim community generally display a very poor standard of health and hygiene.

The coordinator of the Ceremony Dr. Shakeel Samdani said that in today's world media is getting more important day by day and the magazine launched by Dr. Javed Jamil is bound to become popular all over the world. He urged the University community to subscribe to his magazine in large numbers. He appealed to all for their cooperation and support.

Iram Khan proposed a vote of thank.

“National progress is the sum total of the individual's labour, honesty and sympathy. similiary, national downfall is the cumulative result of the individual's laziness, dishonesty, selfishness and other weakness of character”.

-Sir Seyed

Plant Biotechnology: A Leap Forward

Professor Mohammad Anis

India is seen as a future hub of biotechnology, and is churning out more biotechnology students than what it requires in terms of employment. Biotechnology education in India needs major reforms in terms of curriculum and structure of teaching.

The Universities in India have been engaged in the basic and applied research, however, got a special boost when several institutes were set up to carry out specifically application-oriented research. These institutions emphasized not only on applied research, but they also developed laboratories for basic research as well. Therefore, since independence, a concerted effort has been made in Indian laboratories for scientific advancement and it has led to the creation of repository of trained scientific personnels.

To give this research a further impetus, the national Biotechnology Board was established in the early eighties which later converted into a full-fledged government Department of Biotechnology. Biotechnology can be defined as a science in which biological system or process are used for the benefit of man kind. It is an amalgamation of all sciences such as physical, chemistry, mathematics, biology as well as engineering technology. Plant biotechnology can be defined as the application of tissue culture and molecular genetics to develop or produce a commodity from plants. Tissue culture refers to the maintenance and propagation of plant parts (as small as single cell) in biologically pure (axenic) and controlled environments. Molecular genetics include techniques for isolating, characterizing, recombining and multiplying and transferring discrete fragments of DNA that contain genes coding for specific traits.

History of biotechnology is as old as the man's desire for survival by controlling nature and life. For thousands of years man has been involved in such activities as brewing, food preservation and modification of food by fermentation (cheese, vinegar etc), the manufacture of perfumes from aromatic flower and invention of primitive medication. It is, however, the discovery of genetic engineering techniques via recombinant DNA technology which is responsible for the current biotechnology boom. Using laboratory skills, which were unheard of a generation ago, scientists have isolated, put together and manipulated genes and have cloned to create life itself. The work of several brilliant scientists around 1950 led to the acceptance of a chemical compound Deoxyribo Nucleic Acid (DNA) as the magic substance of the gene that controls all characters of an organism. The unraveling of the DNA double helix was one of the great events in science comparable to the splitting of the atom or the publication of Darwin's "origin of species". It also marked the coming of age of a bold new science, Molecular Biology. At present, this has become one of the most active, exciting and productive areas of science that cornered much of the limelight focused on scientific development and, naturally, has attracted some of the best talents.

Science of molecular biology entered Indian Laboratory as early as 1960, when basic training was being imparted on the understanding of DNA structure and mechanism of its action in test tube, mostly using bacterial system.

Today the scientist in laboratories around the world are marching closer to provide man with control over his life and destiny. It is a prospect of great hope but is also fraught with extreme danger of misuse.

Controlling of human life is also being contemplated through research on pills which will restore memory. A drug, memory plus, has been developed using Brahmi (*Bacopa monneira* L.). similarly Ayurvedic pills for rejuvenating humans have come up in the name of “thiry Plus” which use Ashwagandha (*Withania somnifera* L.) and ginseng (*Panax quinquifolium*) as the ingredients. Pudina, another Ayurvedic drug containing mint (*Mentha arvensis* L.) which is used for indigestion is available across the country. It is amazing that the precise Knowledge of medicinal value of plants was recorded in India as early as 10th century B.C. in “Sushruta Sanghita”. The same plants are now being sought-after for the same purpose all over the world. With time, extraction procedure of active principles has now become extremely sophisticated.

Plant genetic engineering is another important area in biotechnology which has progressed to a great extent in India. Several Plant species have been genetically transformed by inserting and expressing useful foreign genes. Genetic engineering requires development of tissue culture techniques for regenerating a complete plant for a single cell or protoplast or a group of tissues as well as cloning, sequencing and developing of proper technique for gene targeting in the plant.

Scientists at several laboratories in India such as JNU, New Delhi, Bose Institute, Calcutta, National Botanical Research Institute (NBRI), Lucknow and Central Institute of Medicinal and Aromatic Plants (CIMAP), Lucknow, have cloned and sequenced many useful genes which are involved in providing resistance to diseases as well as stress condition. Besides storage protein genes and genes involved in amino acid biosynthesis have also been cloned and inserted in legumes, rice and potato.

The department of Biotechnology has developed seven centres part of plant Molecular Biology for generating improved varieties of plants through unconventional breeding techniques. These centers have produced excellent results within a span of ten years.

Genetically modified crops could emerge as a panacea for all the problems dogging the country’s farm sector, from the shrinking area under cultivation to droughts, “one can have the crops equipped with a number of in-built properties by genetically modified them” and such crop cannot only be made drought resistant but also be naturally immunized against bacteria, virus and fungal diseases. The time is not far when even edible vaccines produced by using the gene-transplant technique would be available in the country. Immunized might become as easy as simply “eating genetically modified bananas, guava or probably mangoes”. Very soon bananas could become the common man’s substance for insulin or for that matter about the genetically modified golden rice that could grow in salty water and supplement the body’s requirement for Vitamin A.

Biotech crops would help increase agricultural production at a time when the area under cultivation is fast shrinking in the country and droughts have become a permanent feature because of global warming. The number of countries under taking commercial cultivation of biotech crops had gone up from 17 to 21 within a short span of just one year since 2005. The farmers could now get more produced per unit of water used, thanks to the technique of genetic engineering, which helps a plant grow a more efficient system, enabling it to exploit more water from the soil.

Crops could also be made nutritious by transplanting genes in them from other plant and animal. Vitamin-A rich golden rice was developed by taking a gene from Daffodil which creates that vitamin. GM drought-resistant variety of rice currently being grown in

Karnataka could also be taken in other water-scare parts of the country. Plants could also be immunized against bacteria, viruses and pests attack using genetic engineering techniques. This would help enhance the fertility of soil that had been rendered non-productive in several countries including an advanced country like the USA by the over use of chemical fertilizers. Precision breeding including a target gene can lead to the countries need GM crops to elimination of junk DNA. Developing countries need GM crops to eliminate hunger. We can not work on borrowed genes because of IPR issues. We need our own promoters and genes.

We should also be aware towards the flip sight to propagating the technique which many results in the elimination of the entire gene pool of various important land races or original species of plants. In plant tissue culture, India has always been at the forefront as compared to the rest of the world. A novel technique of the test tube fertilization was developed in Delhi University to overcome incompatibility in plants which is exhibited during wide crossing. Another land mark research in plant breeding and genetics was the production of haploid through another culture of *Datura* achieved for the first time, again at Delhi University. Many countries especially China, employed this technique of anther culture on a war footing to improve the crop plants. Flowering of bamboo which is a race phenomenon was demonstrated by National Chemical Laboratory Scientists in the 1980s. Development of triploid plant through endosperm culture was also first reported from Delhi University in the 1970s. Triploid plant produced seedless juicy fruits like grapes and watermelon.

Protocols have been developed for clonal multiplication of hundred of plant species which include trees, medicinal and aromatic plants and endangered species, from several laboratories across the country. With an aim to demonstrate the application of tissue culture Technology for large scale multiplication of elite species, the Department of Biotechnology has set up two major Tissue Culture Pilot Plant facilities (TCPP) in 1989 at Tata Energy Research Institute (TERI), New Delhi, and National Chemical Laboratory (NCL), Pune. Each Pilot had a production potential of one million plantlets. These facilities have brought fruits of research to the farmers, to the public and to the entrepreneurs. Over million plantlets of forest trees have been produced and sent for field trials from these pilot plants.

A laboratory of Plant Tissue Culture and study programme has been established by my group in the Department of Botany, The Aligarh Muslim University, Aligarh in 2003. The research in this laboratory focuses in the field of Morphogenesis and Tissue Culture, particularly the aspect of in vitro regeneration and micro propagation of some economic and important medicinal plants. Our group has already developed appropriate reproducible micro propagation protocols in some potential medicinal and ornamental plants vis. *Tylophora indica*, *Rauvolfia tetraphylla*, *Psoralea corylifolia*, *Ruta graveolens*, *Mucuna pruriens*, *Ocimum basilicum*, *Cassia angustifolia*, *Clitoria ternatea*, *Sansivieara cylindrical*, *Eclipta alba*, *Capsicum annuum*, *Nyctanthes arbor-tristis* and *Dianthus caryophyllus*. Micropropagation by enhanced axillary branching from nodal regions in some woody trees like *Pterocarpus marsupium*, *Melia azedarach* and *Vitex negundo* have been achieved.

For more accurate diagnosis of diseases and vaccination, DBT took up in 1987 the task of producing immunodiagnostic kits and vaccines for both communicable as well as non-communicable diseases. A number of detection kits developed by scientists of various institutions have been purchased by industries. This has resulted in continuous interaction between the institutes and the industry which is of great advantage to the society. Researches

on vaccine production are also showing excellent progress. Under the Indo-US Vaccine Action Programme, the project on Hepatitis C and Rota Viral diarrhea for development of a diagnostic kit and a candidate vaccine strain has shown an impressive result.

Biotechnological research has now become a very important factor for increasing the productivity and profitability of farming systems, as modern agriculture depends heavily on fertilizers and pesticides, particularly in high yielding crop varieties. Various techniques for large-scale production of Biofertilizers which utilize blue green algae and nitrogen fixing bacteria have been developed in several research institutes. Biofertilizers do not lead to pollution of soil and ground water.

The Department of Biotechnology, New Delhi has launched India biofortification network projects involving more than 15 R & D institutions, with an objective of developing transgenic cultivars of staples like rice, wheat and maize, high in nutrients like iron and zinc that are deficient in the Indian diet. The process involves identifications of suitable genotypes which are naturally endowed with high micronutrient density and introgressing them into well adapted cultivars using marker assisted breeding or genetic engineering.

Plant Biotechnology has made significant strides in the past two decades encompassing within its fold the spectacular developments in plant molecular biology and genetic engineering. Agriculture being the basic life sustaining activity of human society, assumes tremendous importance vis-vis biotechnology.

It is now quite apparent that India has made big strides in the realm of biotechnology. The galloping rate at which this advancement is continuing holds great promise for a better future. It is every one's responsibility to translate biotechnology into simple talk for the farmers. An interdisciplinary approach where plant breeding, biotechnology and biotechnology can collaborate with each other to achieve better results.

Book Review

-Syed Moinuddin Alvi

Name of the book- Main Kya Meri Hayat kya, Author: Professor Ather Siddiqi. Publisher Maktaba Jamia, New Delhi, Pages 372 .Price 300.

This memorabilia by Prof. Ather Siddiqi not only depicts his life history but also delectably portrays AMU events during his tenure spreading over many decades. His empirical knowledge is skillfully distilled into a few pages, he has magnificently woven the narrative portraying both Eastern and Western cultural ethos and the world view.

This volume is a repository of information about countries that the author visited during his studies and sojourns. The historic facts and geographical description of countries are magnificently narrated in this section.

More than a biography, it seems to be more a work of literature. One can hardly believe that this book is written by a scientist. At one time it portrays the history of AMU while at other place it gives an impression of expedition and travel guide. Some time the architectural aesthetics is praised and at another place, serious diseases are thoroughly discussed. And lastly, author's overcoming of all vicissitudes of life makes it a work of adventure. It is hard to believe that this is the author's maiden published work. Had the

author been a language teacher, I am sure; he would have been more successful than what he is today.

The masterly crafted sentences where the author has used common Hindi and English words not only garnish the text but are also instrumental in arousing the interest of the reader. Had our conservative Urdu language experts and critics wholeheartedly welcomed these sweet words into Urdu lexicon, our language would have been enriched to unlimited boundaries.

The simple language that not only exalts the power of conversational words but also makes it fully alive to shifts in culture. The writer also excels in garnishing text with suitable verses that adds an extra flavour to the language that clings the reader to the book.

At the book release ceremony of the said volume, Professor Iftikhar Alam disclosed that he was a regular visitor to Dr. Siddiqi's hostel room while he was a student in the fifties. On the basis of findings of the book by Krishna Chandar and Urdu magazines like *Sawera* and *Adab-e-Latif*, he felt that Dr. Siddiqi was a student of literature. His confidence was, however, shaken when he found that he became a scientist. It took nearly half a century to prove that he certainly has the making of a litterateur that Dr. Iftikhar Alam detected in him were genuine and his faith was restored when Prof. Ather Siddiqi finally metamorphosed into his new avatar.

Being totally ignorant about zoological sciences, the reviewer thought he would scan through its pages and quickly discard the book, but having glanced few pages, interest was created which gained momentum and he continued reading the book and finished it in just two consecutive sittings.

Being an Information Scientist, I have yet to arrive at a decision whether to classify this work under biography, Urdu literature, Geography & expedition or general works. And, perhaps, this is the beauty of the book that it contains something for everybody, especially for an insignificant person like me.

It contains all ingredients of a good book and is, hence, be called a proud possession of any public or private library.

Book Review

Dr. Shaik Shahul Hameed

Name of the book-A Handbook of Haematology. Authors: Dr.S. M. Safder and Dr. Saeedul Hasan Arif.

Publisher: Siman International, 105, New Horizon Apartment, RZ-2677/28, Tughlaqabad Extension, New Delhi: Rs 62/-

It is a slim handbook edited by the two learned faculty members of the Aligarh Muslim University. It mainly deals with Haematology in a focused and concise manner. The inclusion of environment disorders and laboratory technology greatly enhanced the importance of the book. The book contains twenty two chapters that demonstrates the author's penchant for providing plethora of information and perceptive analysis with laconic brevity. The second and fifth chapters throw light on the formation of blood and

its components while the 7th and the 19th closely examine bone marrow and blood smear respectively.

The chapters 3 to 11 cover anemia while the rest throw light on various other blood disorders, blood grouping and transfusion.

A newer topic of environmental blood disorders gives a distinct identity to the book and it seems to be a useful guide for laboratory technology.

The coloured illustrations make the book more attractive. The book is not only an excellent companion to the undergraduate students but also a ready reckoner and useful in many ways to the clinicians and practitioners.

Submission Guidelines and Policy

Aligarh Muslim University Gazette publishes articles, news and information about AMU. Contributions are published on a space-available basis. Matter not run in a particular issue will be retained for later use. Articles on subjects that interest an academic readership may be contributed in about 1500 words. Contributions are edited to suit in-house style.

“Readers are requested to send their feedback which will be published in a new volume “Feedback”.





International Congregations

1. **4th International Conference on ‘Scour and erosion (ICSE – 4), Tokyo, Japan, 5th – 7th November, 2008:** Mr. Mubeen Beg, Lecturer, Dept. of Civil Engineering, ZHCET presented his paper entitled “Scour Reduction by using a collar around a pier group”.
2. **3rd International Conference on Dermatology, Cairo, Egypt, 13th to 18th November, 2008:** Dr. S. Suhail Ameen, Lecturer, Dept. of Dermatology, J. N. Medical College attended & also co – chaired a Scientific Session on ‘Pigmentation Disorder’.
3. **47th Eastern Analytical symposium & Exposition, Garden State Exhibit Center, Somerest, New Jersey, 17th to 20th November, 2008:** Prof. Syed Ashfaq Nabi, Dept. of Chemistry presented his paper “Synthesis and Characterization of Organic – Inorganic composite material poly aniline Stannic Silico molybdate: Selective Separation of Pb²⁺ From Industrial Waste Water”.
4. **International Symposium on ‘Islamic Civilization in South East Asia’, Dhaka, Bangladesh, 16th to 18th November, 2008:** Professor Mirza Asmar Beg, Dept. of Political science attended.
5. **6th International Conference on New Directions in Humanities, Istanbul, Turkey, 16th – 20th July, 2008:** Dr. Mohd. Sanauallah, Reader in Arabic, Women’s College presented his paper entitled “Arabic Prosody in Europe: Muwashahat, Ajzal & the Catalan Troubadours”.
6. **International School on Heavy Quark Physics, at Joint institute for Nuclear Research, DUBNA, Moscow, Russia, 10th – 23rd August, 2008:** Dr. Manoj Kumar Sharma, Principal Investigator of DST funded Research Project, Dept. of Physics participated .
7. **Gordon Research Conference, Inorganic Chemistry, Salve Regina University, New Post, R.I, USA, 13th to 18th July, 2008:** Professor Sartaj Tabassum & Dr. (Mrs.) Farukh Arjmand, Dept. of Chemistry presented their research articles (independent) on “Design of new metal based potential chemotherapeutic agents”.
8. **Annual Congress – 2008 of European respiratory Society, Berlin, Germany, 4th to 8th October, 2008:** Professor Rakesh Bhargawa, Dept. of T. B. & Chest Diseases, J. N. M. C. presented his paper “Assessment of Airway Remodeling in Asthma by Indirect Methods”.
9. **5th International Meeting on Advances in Antioxidants, Tunisia, 11th to 15th October, 2008:** Prof. S. M. Hadi, chairman, Dept. of Bio Chemistry presented his paper entitled “Oxidative Breakage of Cellular DNA by Plant Polyphenols: A putative mechanism for Anti Cancer Properties”.
10. **International Conference INDUS – EM 2008, Mangalore, October 10th to 12th, 2008:** Dr. S. Moied Ahmad, Reader, Department of Anesthesiology J.N. medical College delivered a lecture on ‘Emergency Airway Management’.
11. **31st International Geographical Congress, Tunisia, 12th to 15th August, 2008:** Prof. Abdul Munir, Chairman, dept. of Geography presented his paper entitled “Quality of Urban Environment in Aligarh City: A case study”.
12. **International Project entitled “Religion & Society: A Dialogue”, University of Louis Ville, U.S.A., 11th to 25th October, 2008:** Dr. Naima Khatoun, Reader, Dept. of Psychology participated.
13. **136th American Public Health Association (APHA) Annual Meeting & Exposition, San Diego, CA, USA, 25th to 29th October 2008:** Prof. Noor Afshan Sabzpose, Chairman, Dept. of Obstetrics & Gynecology presented her paper entitled “Association of Hypertensive Disorders of Pregnancy (HDP) with Obesity and Prematurity in an inner – city population.

14. **5th International conference of EAOMS (Egyptian Association of Oral & Maxillofacial Surgeons), Cairo, Egypt, 15th to 17th October, 2008:** Dr. S.S. Ahmed, Reader and Chairman, Dept. of Oral & Maxillofacial Surgery, Dr. Z. A. Dental College attended & Chaired Scientific Session on 'TMJ Ankylosis'. Dr. Afshan Bay, Reader, Dept. of Periodontics & Community Dentistry, Dr. Z. A. Dental College attended and chaired scientific session on 'Periodontics'.
15. **Seminar, Turkey, 14th to 17th October, 2008:** Dr. Arshi Khan, Reader, Dept. of Political Science presented his paper entitled "Contemporary World Politics & the Black Sea Region: Disturbing Shift from Regional Strategic Culture to European Enlargement".



National Congregations

1. **National seminar on "Traditional/Indigenous practices for pest management of major crops", Department of plant protection, Allahabad Agricultural Institute-Deemed University, Allahabad, 17-18 November, 2008:** Dr.(Mrs.) Masarrat Haseeb, Reader, Department of plant protection attended as co-chair.
2. **IEEE Tencon- 2008, Hyderabad, 18th to 21st November, 2008:** Mr. Athar Ali Moinuddin, Lecturer, Dept. of Electronics Engineering, ZHCET presented his paper entitled "Efficient & Embedded 3-D Wavelet Video coding".
3. **34th Annual conference of Association of surgeons of India UP. Chapter (UPASISCON-2008), Rohilkhand Medical College, Bareilly, 7th November, 2008:** Dr. Wasif Mohammad Ali, Senior Resident, Dept of general Surgery, J.N. Medical College presented his paper entitled "Nocardia Brasliences Mtycetoma: A Rare Diagnosis in North India".
4. **30th Annual conference UP Chapter, Indian society of Anesthesiologists (UPICON-2008), Dehradun 7th to 9th November, 2008:** Professor Shahjahan Bano, Dept. of Anaesthesiology, J.N. Medical College presented CME Lecture. "Extufation after difficult Intufations".
5. **8th Indian fisheries forum-2008 Kolkata, 22-26 November, 2008:** Professor Asif A. Khan, Dept. of Zoology presented his paper entitled "Biodiversity of Periplytic community in a fresh Water body of Aligarh".
6. **8th Indian fisheries forum-2008 at Eastern zonal cultural centre, Kolkata, 22nd to 26th November, 2008:** Dr. Mukhtar A. Khan, Reader, Dept of Zoology presented his paper entitled "Dietary Augine Requirement of fingerling Heteropreustes fossilis (Bloch) Assessed by Measuring growth, Nutrient Retention and Body".
7. **CME program in thoracic surgery, Bangalore, November 8 - 9, 2008:** Professor M.H. Beg, Department of surgery, J.N. Medical College chaired the session as a faculty Member.
8. **23rd FODI & 16th IES National conference-2008, Panchkula, Chandigarh, 21st to 23rd November, 2008:** Prof. Rajendra Kumar Tewari, Dept. of Conservative Dentistry & Endodontics, Dr. Z.A. Dental College Chaired the Scientific session.
9. **30th Annual conference, Indian society of pedodontics & preventive Dentistry (ISPPD-2008), Hyderabad, 13th to 15th November, 2008:** Dr. M.K. Jindal, Reader & Chairman, Dept. of pedodontics, Dr. Ziauddin Ahmmad Dental College presented his paper entitled "Langerhans Cell Histiocytosis: A case Report".
10. **33rd ISP National Annual conference, Chandigarh, 17th-18th November, 2008:** Dr. Vivek Kumar Sharma, Lecturer, Dept. of periodontics & community Dentistry, Dr. Z.A. Dental

College presented his paper entitled “Tri-Immunophasic periodontal therapy: A new practical approach”.

11. **Two - Day Symposium on ‘Education and Research on Sustainability’ I.I.T. Madras, August 8-9, 2008:** Professor M. Saleemuddin, coordinator interdisciplinary Biotechnology unit, attended as honorary advisor.
12. **National conference on “ Emerging trends in chemical Research”, Annamalai University, Tamil Nadu, October 17-18,2008:** Professor K.S. Siddiqui, Department of Chemistry Presented his Paper entitled “Flouresence enhancement of leveosul piride upon coordination with transition metal Ions and Speetrophotometric Determintion of complex”.
13. **OSGOD-Revelations – The Six thinking hats course- Orthodontics-2008: AIIMS, New Delhi, 14th to 15th September, 2008:** Prof. Sandhya Maheshwari, Department of Orthodontics, Dr. Z.A. Dental College attended.
14. **83rd Session of Indian Philosophical Congress, Ahmedabad, 22nd to 25th October 2008:** Dr. Tariq Islam, Reader, Dept. of Philosophy presented his paper entitled “Political Islam & Future of Marxism”.
15. **Annual conference of Uttarakhand Ophthalmological society, Dehradun, 10th to 12thOctober, 2008:** Dr. A.K. Amitava, Reader, Dept. of Ophthalmology attended.
16. **Seminar on “ Exploring Non Violence,” Shimla, 20th to 22nd October, 2008:** Prof. Jalalul-Haq, Dept. of Philosophy Attended.
17. **ISPNCON – 2008 XX National conference of Indian society of pediatric Nephrology, AFMC, Pune, 10th to 12th October, 2008:** Dr. Kamran Afzal, Dept. of Pediatrics, JNMCH Presented his paper entitled “Erythropoietin levels and Iron Status in Children with nephritic Syndrome”.
18. **8th Indian Fisheries Forum – 2008, Kolkata, 22 – 26 Nov 2008:** Dr. (Ms) Saltanat Parveen, Lecturer, Dept. of Zoology presented her paper entitled “Limnology of a Derelict Water Body and Its Utilization”.
19. **Fourth Annual Conference of UPUEA on Industrial Development, Kanpur from Nov.08 – 09, 2008:** Dr. (Mrs.) Nighat Ahmad, Reader, Dept. of Economics Chaired the technical session V.
20. **43rd Annual Conference, Kanpur 08 – 09 Nov 2008:** Dr. A. K. Amitara, Reader, Dept. of Ophthalmology, J. N. Medical College attended.
21. **43rd Annual conference of the Association of plastic Surgeons of India to be held at IMS, Banaras Hindu University, Varanasi from November 11th – 15th ,2008:** Professor L.M. Bariar, Department of Plastic Surgery, J.N. Medical College Chaired a session of CME on Maxillofacial Trauma.
22. **3rd National conference on thermodynamic of chemical and Biological system (NCTBS-2008), Nagpur, 16-17 october 2008:** Dr. Riyazuddin, Reader Dept of chemistry presented his paper entitled “Inter action in L-alanine/ L-Profile-/ L-Valine. Aqueous KCl/KNO₃ System at different temperature: An Isentropic compressibility study.”
23. **IPPCI8, mashed bu Aliseema University, Iran, 25th to 28th August 2008:** Professor Syed Qamar Abbas Naqvi, Dept. of Botany presented his paper entitled “Natural Occurrence of Cucumber Mosaic Virus Subgroup II Isolate Infection Daucus Carrota in India”.
24. **Training Camp for Visually Handicapped Children, Helen Killer Eduaction Academy for the Blind, Indore (M.P), 13th to 28th October, 2008:** Mr. Mohd. Imran (Class X), Mr. Waqqas Hussain (Class VIII), Ahmadi School for the Blind Participated.
25. **India society for plant physiology Golden Jubilee conference on challenges and emerging strategies for improving plant productivity, IARI, New Delhi, 12th-14th November, 2008:** Dr. Qazi Fariduddin, Lecturer, Dept. of Botany presented his paper entitled “Role of 28 Homobrassinolide in Temperature Stress Induced Changes in Brassica Juncea L., Czen & Coss”.

26. **National seminar on “Traditional/Indigenous Practices for pest Management in Major crops” at A.A.I.D. University, Allahabad, 17th to 18th November, 2008:** Professor Akhtar Haseeb, Chairman, Dept. of plant protection Chaired the technical session & delivered a special lecture.
27. **Eight Indian Fishenies forum, Kalkata November 22-26th, 2008:** Dr. M. Afzal Khan lecturer, Department of Zoology, presented his paper entitled “Evolution of Different structures for age determination in some freshwater fishes”.
28. **National workshop on ‘Assessment Methods for learning Evaluation in Basic Medical Science’, AIIMS, New Delhi, 22nd to 24th September, 2008:** Dr. Aijaz Ahmed Khan, Reader, JNMC attended.
29. **3-day programme (Seminar) on ‘periyar, Arinia Anna and Dr. Kalaignar, at periyar University, Salem (Tamil Nadu) on 17.09.2008:** Dr. D. Murthy, Reader in Tamil, Dept. of Modern Indian Languages delivered a Lecture on “Scientific and Logical Approach of periyar”.
30. **40th National conference of the Nutrition society of India “Nutrition support by 2020: conquering challenges: Chennai, 20th to 22nd November 2008:** Dr. Anisa M. Durrani, Reader, Dept. of Home Science, Presented her paper entitled “The effect of Physical Measurement Dietary factors and SMR stages on menarcheal Age”.
31. **28th Annual session of the Academy of Environmental Biology and National Symposium on ‘Environmental stress and Bioresearch Management: Jamia Hamdard, New Delhi, 20-22nd November, 2008:** Dr. Shabbir Ashraf, Reader, Dept. of Plant protection presented his paper entitled ‘studies on the powdery mildew of Tulsi (Ocimum Sanctum L.)’.
32. **4th J&K Science congress – 2008, University of Jammu, Jammu, 12th to 14th November, 2008:** Dr. Ali Mohammad, Reader, Dept. of Applied Chemistry attended.



New Appoinments

Prof. Shabahat Hussain	Librarian-In-Charge
Mrs. Amna Malik	Principal, AMU Girls High School
Mr. Syed Tanveer Nabi	Principal, Senior Secondary School
(Boys)	
Dr. Obaidullah	Chairman Dept.of Tashreeh-wa-
Munafeul Aza	
Dr. Arshad Hafeez Khan	Chairman Dept.of Plastic Surgery
(JNMC)	
Prof. Bilqees Bano	Provost, Indira Gandhi Hall
Dr. Najam Khahlique	Medical Superintendent.
Prof. Noor Afshan Subzposh	Chairman, Dept. of Obettries &
Crynacology	(JNMC)
Dr. Shadab Khursheed	Chairman, Dept. of Geology
Prof. Parvez Mustajab	OSD (Development)
Prof. Shahid Ali Siddiqui	Director, Medical Attendance
Scheme (MAS)	
Prof. (Mrs) Hamida Ahmmad	Chairman, Dept. of Psychology
Prof. Masud Anwar Alavi	Chairman, Dept. of Arabic

Mr. Syed Tanveer Nabi

Principal, AMU City High School

Prof. Saleemuddin (Convener)
 Prof. N.A.K. Durrani (Member)
 Prof. Saud Alam Qasmi (Member)

Screen the request from
 teachers and post doctoral
 fellows in the university to
 publish Phd. Theris.

Members of the University court

Prof. Huzoonul Hasnain Khan
 (Chairman Dept. of Methmetics)
 Dr. Iqbal Aziz
 (Chairman Dept. of the Jarahat)
 Prof. Rakesh Kumar Gaur
 (Chairman Dept. of the Psychiatry)
 Prof. Abdul Munnir
 (Chairman Dept. of the Geography)
 Dr. Najam Khalique
 (Chairman Dept. of Community
 Medicine)
 Prof. Alimuddin (Chairman Dept. of
 Applied Physics)
 Prof. Satya Dev Koushik (Chairman
 Dept. of Sanskrit)
 Dr. N.L. Mitra

DISCLAIMER

The views expressed in the articles are those of individual authors, and do not necessarily represent the views of the Editorial Board of *Aligarh Muslim University Gazette* or of the University Administration, faculty, staff or students.



Research 2008

S. No.	Candidate	Supervisor	Topic of Research	Department
Ph.D				
Faculty of Arts				
1.	Ms.Rajeshwari	Professor S.D. Kaushik	“Social and Cultural Study of Divyavadana”	Sanskrit
2.	Ms.Rizwana Wahid	Dr. Kausar Husain	“The effect of L1 Transfer On the Discourse Competence of Undergraduate ESL Students in A.M.U., Aligarh	English
3.	Mr.Abuzar Mateen	Dr.Abu Sufyan	Contribution of Abdul Hameed Al-Farahi Ahmad Islahi (D-1930 A D) in Arabic Literature	Arabic
Faculty of Engineering & Technology				
1.	Mr. Mohd. Asif Hasan	Professor Arif Suhail	“A Study of Select Issues of Agile Manufacturing in Indian Industry”	Mechanical Engineering
2.	Mr.Mahesh Chandra	Dr. Omar Farooqi	“Speech Recognition Using Wavelet Transform”	Electronics Engineering
3.	Mr. Sabih Akhtar	Dr. Mohd Arif	“Improvement in Durability of Ferrocement through Corrosion Inhibitors”	Civil Engineering
Faculty of Social Sciences				
1.	Mr. Shamsheed Ahmad	Dr. Sahabuddin Iraqi	“Socio-Religious Trends as Reflected in the Nirguna Bhakti Literature During 16th and 17th Centuries”	History
2.	Mr. Sarfraz Khan	Chairman Department of Economics	“Role of Non-Government Organizations in the Socio-economic Development of Indian Muslims”	Economics
Faculty of Life Sciences				
1.	Ms.Swapnal Sisodia	Dr.M. B. Siddiqui	“Allelopathic effect of Croton Bonplandianum Baill. Towards some weed and crop plants”	Botany
2.	Mr. Irfana Muqbil	Prof. Naheed Banu	“Biochemical Studies on Restraint Stress and DMBA Induced Carcinogenesis in Rats”	Bio-Chemistry
3.	Ms. A. Mehruunisa	Dr. Wajihullah	“Comparative Susceptibility of Anopheles Fluviatilis Species T and U to Plasmodial Infection”	Zoology

Faculty of Science

- | | | | | |
|----|------------------------------------|------------------|--|-----------|
| 1. | Mr. Mohammed Dabi
Ali Al-Ahmadi | Dr. Mohd.Akram | “Studies On the Effect of Additives Chemistry
On Amphiphilic Drugs Solution” | |
| 2. | Mr. Mohammad
Hassan Ali Saleh | Dr. Rafiuddin | “Preparation of Superionic
Conductors by Solid State
Reaction” | Chemistry |
| 3. | Mr. Zishan
Tabassum | Dr. Shamsuzzaman | “Synthesis and Spectral Studies
of Some Modified Steroids” | Chemistry |
| 4. | Mr. Izrar Ahmad | Dr. Rashid Umar | “Ground Water Flow modeling
and Quality Characteristics of
Yamuna- Krishni Sub- Basin,
Muzaffarnagar District.” | Geology |

S. No.	Candidate	Supervisor	Topic of Research	Department
---------------	------------------	-------------------	--------------------------	-------------------

M.Phil**Faculty of Life Sciences**

- | | | | | |
|----|-------------------------|--------------------|---|-----------|
| 1. | Ms.Mamta Yadav | Dr.Abdul Waheed | “Changing Status of Hindu
Backward Castes in Uttar
Pradesh” | Sociology |
| 2. | Ms. Anjum Arshi | Dr. Abdul Waheed | “Socio-Economic Conditions
of Muslim Artisans in Uttar
Pradesh” | Sociology |
| 3. | Ms. Sadaf Nasir | Dr. Abdul Matin | “Child Labour in Brass
Industries in Moradabad:
A Sociological Study” | Sociology |
| 4. | Ms. Khan Farha
Siraj | Dr. Nemat Ali Khan | “Domestic Violence in
Urban Setting” | Sociology |

Faculty of Life Sciences

- | | | | | |
|----|------------------------|------------------------------|--|--------|
| 1. | Ms. Sonu Goyal
Khan | Dr. Samiullah | “Studies on the Induction of
Polygenic Variability in Urd
Bean (Vigna mungo(L.)
Happer) | Botany |
| 2. | Mr. Mohd Mazid | Dr.Mansoor A.
Siddiqui | “Studies on the status
of Nutrients, Vitamins and
Hormones on Tomato
(LYCOPERSICON
LYCOPERSICUM)
infected with the Root-Knot
Nematode
(Meloidogyne incognita) | Botany |
| 3. | Ms. Priyanka Singh | Chairman
Deptt. of Botany | “Biocontrol of Meloidogyne
Incognita by
Plant Growth Promoting
Rhizobacteria on tomato” | Botany |
| 4. | Ms. Rubina Perveen | Dr. Samiullah
Khan | “Studies on the effects
of EMS alone and in
combination with dimethyl
sulfoxide in the induction
of variability in Vicia faba L” | Botany |

5.	Ms. Mustabeen	Chairman Deptt. of Botany	“Assessment of Impact of Air Pollutants on some Pulse Crops”	Botany
6.	Ms. Rose Rizvi	Chairman Deptt. of Botany	“Evaluation of Industrial particulate Wastes Against Root Knot Nematode Meloidogyne Javanica on Eggplant(Solanum Melongena L.)	Botany
7.	Mr. Md. Masidur Alam	Dr. Mansoor A. Khan	“Effect of Various Growth Regulators on the performance of periwinkle ‘Sadabahar’ (Catharunthus Roseus L.)”	Botany
8.	Ms. Nuzhat Parveen	Dr. G.G.Hammad Ahmmad Shadab	“Clastogenic effects of some antimalarial drugs on human Chromosomes on vitro”	Zoology
9.	Ms. Habeeba Ahmad Kabir	Dr. (Ms.) Saltanat Parveen	“Benthic Communites in Some Derelict Waterbodies of Aligarh.”	Zoology
Faculty of Sciences				
1.	Ms. Nahid Parveen	Prof. Kabir-ud-Din	“Studies on the Effect of Additives on Surfactant Systems”	Chemistry
2.	Mr. Mahboob Alam	Prof. M. Mushfiq	“Tranformation of Steroids and their Spercral Studies”	Chemistry
3.	Mr. Saiful Islam Ansari	Prof. M. M. Khalid	“Stochslic Programming”	Statistics
4.	Ms. Benazir Zia	Dr. R. U. Khan	“Recurrence Relation for Moments of Generalised Order Statistics”	Statistics
5.	Mr. Devendra Kumar	Dr. R.U. Khan	“Moments of Order Statistics and its Applications”	Statistics