Editor's Message

“The more we study, the more we discover our ignorance”

Shelley

Indeed sky is the limit for the acquisition of knowledge. It is through knowledge that nations gain supremacy over others. At the micro level, it is the institutions that contribute to this cause. It has been our endeavour at the CIIT Abbottabad not to lag behind and to ensure that the ship of its affairs continues to sail on placid waters. As it will be borne out by the pages inside, students and faculty are focused to play their role under the dynamic leadership of CIIT.

I hope that the readers find it absorbing. Any feedback will be most welcome.

Zainab Irshad
Editor-in-Chief
Alumni Reunion 2015
14 March 2015

CIIT Abbottabad organized Alumni Reunion on 14 March 2015. A large number of graduated students attended the event. They were given a very warm welcome by the CIIT Abbottabad’s family. Addressing the audience, Director CIIT Abbottabad Prof. Dr Khan Gul Jadoon welcomed the graduated students and advised them to work hard in their professional lives. Event comprised a series of activities including "Tribute to deceased Alumni, campus updates, interaction of the last semester students with the alumni, campus updates, visit of Alumni round the campus and stage activities etc”.

Dr Kashif Bilal, Assistant Professor, Department of Computer Science, CIIT Abbottabad expressed his gratitude on behalf of Alumni to CIIT Abbottabad for arranging the mega event. He stated that reunion is not only about the past but is also about the present and future. It is about what we may give to our institute, what we can do for it, in whatever capacity, in terms of accommodating our juniors at jobs and internships, in terms of supporting the institute morally and financially, and in whatever way we can and importantly cherish the growth of institute in terms of infrastructure, in terms of new programs and departments, and in terms of its achievements.

Study Trip of Faculty of Chemistry Department to NIFA
20 February 2015

Dr Ahson Jabbar Shaikh along with Dr Tauqir A. Sherazi, Assistant Professors, Department of Chemistry, CIIT Abbottabad and MS Student Mr. Sajid Javed visited NIFA (Nuclear Institute for Food and Agriculture, Peshawer, Pakistan) on 20 February, 2015. They were shown the radiation facilities, methods for the preparation of growth media for edible mushrooms and production of mushrooms.
Prof. Dr Peter Langer visits CIIT Abbottabad
Department of Chemistry, 24 March 2015

Professor Dr Peter Langer, Department of Chemistry, University of Rostock, Germany visited CIIT Abbottabad on 24 March 2015. During his visit he delivered a lecture to the faculty and students of Department of Chemistry and Department of Pharmacy, CIIT Abbottabad. He also visited the Graduate labs of Chemistry and Pharmacy departments and appreciated the available facilities. In the evening, he left for dinner at German Embassy where Prof. Dr Khan Gul Jadoon, Director CIIT Abbottabad, Prof. Dr Abdur Rehman Khan, Head Department of Chemistry, CIIT Abbottabad along with some faculty members joined him.

Tree Plantation Campaign
A Provincial Government's Spring Planting Campaign in collaboration with Department of Environmental Sciences, CIIT Abbottabad
Department of Environmental Sciences, 27 February 2015

Climate change is one of the greatest threats to the human kind. It has profound effects on food, health, energy consumption and other socio-economic aspects. Trees, wood and forests can provide part of solution to face climate change and planting new trees is an attractive way to mitigate climate change. Tree plantation can also help society to adapt and resist the changing climate. Faculty and Students from the Department of Environmental Sciences, CIIT Abbottabad joined hands with the Forest Department of the Khyber Pakhtunkhwa Government in Spring Planting Campaign at CIIT Abbottabad. Prof. Dr Muhammad Maroof Shah along with Dr Tahir Hayat and Miss Ghazal Khursheed arranged the said activity on 27 February 2015 at CIIT Abbottabad campus. Divisional Forest Officer Mr. Azher Ali Khan and his team launched the campaign by planting a sapling. The faculty and students started planting saplings with the help of forest staff. Director CIIT Abbottabad Prof. Dr Khan Gul Jadoon
wished Forest Department to be part of the plantation campaign in future, hence, extended the invitation to get as many people from their department involved as possible. CIIT has always been on the forefront in community services and matters of national interests. This time too as a gesture of good will CIIT did not miss the opportunity and ensured its maximum representation by actively participating in this noble task.

Virtual Private Network for Digital Library Access

By the grace of Almighty ALLAH 500 users (Faculty, MS/PhD Students) for VPN (Virtual Private Network) have been registered at CIIT Abbottabad. Users may connect to the CIIT Local Area Network (LAN) from home and other remote locations using a Virtual Private Network (VPN).

2 Days Workshop on Quantitative Data Analysis using SPSS

Department of Mathematics, 10-11 March 2015

On request of Haripur University, two days workshop on Quantitative Data Analysis using SPSS was organized on 10-11 March 2015 for the professors of different departments of Haripur University including Departments of Agriculture, Forestry, Business and Information Technology.
Annual General Meeting of IEEE Islamabad
Department of Electrical Engineering, 21 March 2015

Student Activities Committee of IEEE Islamabad Section holds Annual General Meeting in different cities. This time, they organized the meeting at CIIT Abbottabad campus on 21 March 2015. They were warmly welcomed by the HoD, faculty and students of Department of Electrical Engineering, CIIT Abbottabad. Hi tea and Dinner in honor of visiting team was hosted by Department of Electrical Engineering, CIIT Abbottabad. Executive committee, other local members and guests were also invited. The meeting included the executive report, appointment of new officers, and awards presentation. Faculty members and students from different universities attended the meeting. Chief Guest Dr Mansoor Malik emphasized on organizing seminars in a more productive and efficient manner. Dr Abdul Rasheed, Head Department of Electrical Engineering, CIIT Abbottabad elaborated and emphasized the importance of such meetings. Awards were given to the following:

- Best Student Volunteer Award: Muhammad Talha Bilal, UET Taxila
- Best Student Volunteer Award II: Mr. Salman Bhatti, GIK Institute, Topi
- Best AG (WIE) Student Volunteer Award: Miss Laiba Jawed
- Best Student Branch Award: IEEE UET Taxila
- Best AG SB Award: IEEE WIE UET Taxila SB
- Recognition Award: Mr. Ihtasham Zahid, IEEE IIUI SB
- Recognition Award II: Mr. Awais Shafique, SEECS NUST

Newsbite

Post Doctorate from University of Chicago
Department of Mathematics

Dr Madad Khan did Post-doc in Bio-Mathematics from Department of Mathematics, University of Chicago, USA, 2014-15. The university is at number 09 in world ranking.

Dr Saima Anis did Post-doc in Geometric Group Theory/Low-dimensional Topology from Department of Mathematics, University of Chicago, USA, 2014-15.
Dr Wajahat Mahmood participates in International Conference on Recent Innovations in Pharmaceutical Science

Department of Pharmacy, 3-5 March 2015

Dr Wajahat Mahmood, Assistant Professor, Department of Pharmacy, CIIT Abbottabad along with two of his MS Pharmaceutical Chemistry students participated in the "International Conference on Recent Innovations in Pharmaceutical Science" held jointly by the Ripah Institute of Pharmaceutical Sciences, HEC and Drug Regulatory Authority of Pakistan in Islamabad on 3-5 March 2015. He updated the audience with an oral presentation while his MS students Mr. Wali Inam and Ms. Aisha Altaf presented their posters.

Seminar on Wildlife Conservation Awareness

Department of Development Studies, 25 March 2015

The Wildlife Department Khyber Pakhtunkhwa is implementing several activities for conservation of wildlife in the province. One of the initiatives is promoting conservation education and awareness for sensitization of general masses and students at the grass root level through formal and informal approaches. Realizing the need to sensitize the students at University and colleges, a campaign has been initiated to deliver special lectures throughout the province in various institutes. Therefore, joining hands in the efforts of conservation, Department of Development Studies CIIT Abbottabad organized a seminar in collaboration with the Wildlife department of the Khyber Pakhtunkhuwa for awareness raising regarding Wildlife Conservation on 25 March.
2015. DFO Wildlife Extension Mr. Niaz Khan was the guest speaker at the occasion. He deliberated on the importance of wildlife and explained the concept in the light of Quran and also highlighted different aspects of wildlife conservation and role of local community and youth in promoting awareness and contribution towards the conservation efforts.

The issue was highlighted through an interactive mode of lecture, discussion and wildlife video display. About 20 faculty members of Development Studies Department and Environmental Sciences Department and 200 students of Bachelor of Development Studies and Environmental Sciences attended the seminar. Students took keen interest in the different aspects of conservation efforts as highlighted in the seminar.

**Students of Development Studies Department grab First Position in Social Innovation Mela, LUMS**

Department of Development Studies, 20-21 March 2015

It is a matter of pride for CIIT Abbottabad in general and Department of Development Studies, CIIT Abbottabad in particular that two students of the department Mr. Niqash Ahmad (BDS-3) and Mr. Irfan Naseem (BDS-5) participated in the International Social Innovation Challenge held at LUMS Lahore on 20-21 March 2015 and stood first in the competition.

The event brought together social entrepreneurs from Pakistan and academics and field practitioners from India, US and UK onto a single platform. There were four panel discussions during the two days event, an exhibition and social innovation challenge. The topics for panel discussions were:

- **Engaging Environments; How can Universities Facilitate the Cause of Social Justice and Community Engagement?**
- **Lessons from the Field; Studies of Enterprises such as the Gulmit Carpet Weaving Center in Hunza.**
- **Success Stories from around the Globe assuring the Evolution of Social Entrepreneurship in Today’s World.**
- **Celebrating Innovation; Many Notable Enterprises in Pakistan have shown Commitment in Improving the Lives of Low Income Consumers.**

For the social innovation challenge, participants had to present an idea which aimed to accomplish empowerment of rural women through economic and social incentives. The criteria of judgment was based on forecast of outcomes, scale of innovation of idea, implementation process, and impact in both qualitative and quantitative terms. In addition to prove the sustainability of the idea, there were only three minutes given to explain all the content to audience.

Besides winning the competition, the students also got short listed for Global Innovation Challenge; an event expected to be held at O.P. Jindal Global University in India.
Accreditation of EPE Program from Pakistan Engineering Council

The department of Electrical Engineering

The accreditation visit conducted by PEC during the last quarter reported positive recommendations and the EPE program is accredited. Applications for BEE and BCE are submitted for accreditation in this quarter and the visits are expected to be conducted in the coming quarter for which necessary arrangements and preparations have been made by the department. Department of Electrical Engineering, CIIT Abbottabad after excelling at the undergraduate level is striving for excellence in MS and PhD levels. For this reason a thorough survey has been done to improve the research work by publishing research in the world's leading Journals like IEEE and ICT etc. The preparation of the course outline at undergraduate and graduate level is another step towards the concept of objective based learning which shall prove beneficial in accreditation by ABBOTT, an internationally known accreditation body.

Farewell Party Arranged in Honor of Fall 2011 Batch

Department of Electrical Engineering, 15 March 2015

IEEE Students' Branch, CIIT Abbottabad organized a farewell for the Batch Fall 2011 on 15 March 2015. Event started with a marvelous performance of Mr. Sajjad Ahmed, one of the national level dance competition winner. This performance was about a social issue and was highly appreciated by the audience. Dr Abdur Rasheed, Head Department of Electrical Engineering, CIIT Abbottabad congratulated all students for completing four years of their studies successfully. Event contained different performances including singing, dancing and dramatics. Each performance was appreciated by the audience. Organizing team consisted of Engr. S. Asmat Ali Shah, Engr. Aniqa Zaman, Engr. Jalil ur Rehman Kazim and Engr. Muhammad Arif.

Newsbite

Department of Environmental Sciences, 30 March 2015

Dr Muhammad Javid Iqbal, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad participated in a Consultative Meeting to Review “Food Composition Table and Dietary Guidelines for Pakistan” at Planning Commission, Nutrition Division, Islamabad on 30 March 2015. Participants from all corners of Pakistan and FAO representatives reviewed FCT comprehensively and suggested new dietary guidelines with improvement in food contents.
Visit of National Business Education Accreditation Council
10-12 March 2015

Delegation from National Business Education Accreditation Council (NBEAC) visited CIIT Abbottabad on 10-12 March 2015. They went round the campus and met faculty and students. They also visited the Library and were highly appreciative of all facilities.

Delegation comprised the following:

- Dr Tashfeen Azhar, Professor, University of Management & Technology, Lahore
- Dr Huma Amir, Assistant Professor, IBA Karachi
- Dr Syed Azhar Hussain Shah, Regional Head National Bank, Abbottabad

Mr. Adil Amin Kazi, HoD, FAST Islamabad
Ms. Sania Tufail, Program Manager, NBEAC

CIIT Abbottabad's Student Participates in the Global Ugrad Cultural Exchange Program

Department of Electrical Engineering

It is an honor for CIIT Abbottabad as one of its student of Electrical Engineering Department Mr. Qaiser Nawab (SP12-EPE-098) got selected for the Global Ugrad Cultural Exchange Program 2014-15. He along with 118 other students from Pakistan got selected after screening of 10,000 applicants.

“Global UGRAD Cultural Exchange program empowers the students to actively participate in establishing cordial relations with the people of Pakistan and USA". He was selected as Cultural Ambassador for the subject visit. He represented his culture and gained exposure to the diversity of US culture. He visited 16 states of USA during the visit and highlighted Pakistan's soft image. While introducing COMSATS Institute of Information Technology, he presented CIIT Abbottabad's Newsletters to representatives of state department in USA. They were impressed by the significant achievements of the institution in a short span of time.
16th Faculty Development Workshop
23-27 February 2015

16th Faculty Development Workshop (FDW-16) was organized and conducted by Campus Faculty Development Forum (CFDF) on 23-27 February 2015. 22 new faculty members from Departments of Management Sciences, Chemistry, Pharmacy, Civil Engineering, Earth Sciences, Electrical Engineering, Computer Science, and Mathematics participated in the workshop and received certificates on successful completion. The following topics were covered in addition to practice of microteaching:

Lesson Planning
Classroom Management
Attributes of a Good Teacher
Microteaching Concepts
Communication and Presentation Skills
Assessment, Evaluation & Measurement
Teachers' Behavior and Students' Discipline
Panel Discussion: Grading Philosophy / Educational Psychology
Question Paper Setting Techniques / Marking & Grading
Microteaching Demonstration / Video Recording
Curriculum Design through Outcome Based Learning

Newsbite

Department of Mathematics

Dr Zahid Ahmad, Assistant Professor, Department of Mathematics, as an invited speaker delivered a talk on "Gravitational Collapse with Anisotropic Pressure" in the International Conference on Relativistic Astrophysics” in the University of Punjab, Lahore on 10-14 February 2015.
A two days workshop on Women Leadership in Higher Education was organized by Department of Management Sciences, CIIT Abbottabad on 21-22 February 2015. Dr Noor Jehan, Vice Chancellor, University of Swabi presented the inaugural address.

On the second day of workshop, Dr Funda Sivrikaya Serifoglu, President of Duzce University and Dr Nigar Demircan Cakar, VP Duzce University, Turkey presented their introductory session. Talks were delivered on various topics including the following:

- Importance of Women Leadership in Higher Education delivered by Dr Noor Jehan
- Gender Discrimination particulary in KPK delivered by Dr Noor Jehan
- Self Grooming, Creative Thinking, and Self Leadership delivered by Dr Musarrat Jabeen, Associate Professor, Department of Development Studies
- Introduction to TULIP (Turkish University Leadership Improvement Program) by Dr Funda Sivrikaya Serifoglu
- Transformation via Women Leadership by Dr Nigar Demircan Cakar
- Stress and Conflict Management by Dr Bushra Hameed and Dr Nasreen Ghuffran

The workshop was ended by exchanging warm regards and greetings among organizers, speakers and participants of the event.

CIIT Abbottabad grabs Second Position in Mega Challenge

4-5 March 2015

It is a matter of great honor for CIIT Abbottabad that the students of CIIT Abbottabad participated in Mega Challenge 2015 (MC 15) organized by Government of Khyber Pakhtoonkhwa (KPK) in collaboration with FAST Peshawar. 37 universities and colleges participated in the event and CIIT Abbottabad grabbed second position by winning the following competitions:

- First position in English Declamation-Humorous, won by Mr. Hassnain Khan
Second position in Naat competition won by Miss Anza Malik
First position in Photography won by Mr. Hassnain Khan

Thematic Workshop on Water Conservation, Purification and Recycling
Department of Development Studies, 27-30 March 2015

Department of Development Studies, CIIT Abbottabad has been holding thematic workshops on water issues since two years. The topic of this year's workshop was “Water Conservation, Purification and Recycling” which was organized by the Department of Development Studies and the Department of Environmental Sciences jointly. The workshop was organized on 28 March 2015 as part of the ongoing event in Pak-China Business Forum held on 27-30 March 2015 at Pak-China Business Centre Islamabad.

The participants of the workshop were primarily the students and faculty of the Department of Development Studies and the Department of Environmental Sciences from CIIT Abbottabad and the students of many other universities from Rawalpindi and Islamabad. The workshop offered a distinguished list of some very renowned people from the field of water conservation.

After the welcome address by the Dean, Faculty of Business Administration Dr Qaiser Abbass, Chief Guest Mr. Sajjad Ahmad, DG Environment, Ministry of Climate Change opened the session and highlighted the efforts of his ministry and importance of such workshops in sensitizing the society about environmental issues. Dr Mathias Winige, Ex-Rector University of Bonn, Germany shared the outcomes of his work on “Future of Glaciers and Indus River System in Pakistan”. Dr Muhammad Ashraf, Chairman, Pakistan Council of Research in Water Resources delivered a detailed presentation on the role of his instate in policy making and its implementation regarding
Dr Bahadar Nawab, Head Department of Development Studies, CIIT Abbottabad discussed the role of academia in water conservation, purification and recycling. The presentations were followed by the panel discussion. Prof. Dr Khan Gul Jadoon, Director CIIT Abbottabad presented shields as souvenirs to chief guest and other distinguished members of the panel.

Welcome Party (Fresher's Night)
Department of Electrical Engineering, 10 March 2015

IEEE Students' Branch of CIIT Abbottabad conducted a Welcome Party for the Spring 2015 batch on 10 March 2015. Dr Abdur Rasheed, Head Department of Electrical Engineering, CIIT Abbottabad was invited for his address. He focused on the importance of engineering education in current scenario and advised students to maintain a balance between curricular and co-curricular activities. Event contained different performances including singing, dancing and dramatics. Organizing team included Engr. M. Waqas Zeb, Engr. Aniqa Zaman, Engr. Madiha Sultan and Engr. Umer Fareed.

Research News

HEC Start-up Research Grant approved

Dr Muhammad Azeem, Assistant Professor, Department of Chemistry, CIIT Abbottabad has won HEC Start-up Research Grant (Rs. 0.5 Million) for the project titled "Isolation and Identification of Insect repelling Compounds from Indigenous Plants".
It is a matter of honor for CIIT Abbottabad in general and Department of Mathematics, CIIT Abbottabad in particular that Prof. Dr Dost Mohammad, has published his long awaited book on Topology. It's first three chapters fully cover the undergraduate as well introduction to MS level, the rest of the book covers the course at Graduate level. Congratulations to him from the CIIT Abbottabad's Family!

Dr Talat Nazir, Assistant Professor, Department of Mathematics, CIIT Abbottabad participated in Higher Seminar in Mathematics (MAM seminar) at the School of Education, Culture and Communication (UKK), Malaradalen. He presented some proofs of Common fixed point results for various types of commuting maps satisfying generalized contractive conditions.

TWAS fellowship Scholar Raji Akeem Adewale, has chosen Prof. Dr Jamshed Iqbal of CIIT Abbottabad for his PhD research supervision. He is one among the three Nigerian students who have been selected for this scholarship among 300 students who applied for this prestigious scholarship. It's indeed a great honor for CADR that it has been recognized internationally because of the high quality research work and students from everywhere are willing to be a part of it. We officially welcome our new fellow and wish him all the best for his research at CADR, CIIT Abbottabad.
Awards Won by Environmental Sciences Faculty

Dr Arshad Mehmood Abbasi wins Best Book Award

Dr Arshad Mehmood Abbasi, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad has won “Best Book Award” under the program “HEC Outstanding Research Awards” for his book titled “Medicinal Plant Bio-Diversity of Lesser Himalayas-Pakistan”. Award was conferred upon him in a commemorative award ceremony which was held on 13 March 2015 at HEC Islamabad. Award consists of a certificate and cash prize of Rs. 300,000.

Dr Zulfiqar Ahmad Bhatti wins Innovation Award

Dr Zulfiqar Ahmad Bhatti, Assistant Professor, Department of Environmental Sciences, CIIT Abbottabad has won “Innovation Award” for his project titled “Industrial Water Treatment”. The award was given to him on the occasion of 4th Invention to Innovation Summit 2015 held on 4 March 2015 in the University of Punjab. Award Ceremony was organized by IRP in collaboration with the University of Punjab, Pakistan Science Foundation and University of Management and Technology.

Congratulations to them from the CIIT Abbottabad's Family!

HEC Research Project Approved

An NRPU-HEC project titled “Radical Cations/Anions as Potential Modulators for Photoswitching Properties: A Theoretical Approach” submitted by Dr Tariq Mahmood, Assistant Professor, Department of Chemistry, CIIT Abbottabad has been approved by the Higher Education Commission, Pakistan.
List of Research Papers

Department of Electrical Engineering

Published Papers


Department of Environmental Sciences

Published Papers

- Amjad Hassan & Abdul Rehman Khan, “Epigenetic Regulation of Inflammatory Cytokines and Associated Genes in Human Malignancies”, Mediators of Inflammation, 2015

Department of Chemistry

Published Papers


Accepted Papers

- Muhammad Yar, Muhammad Arshad, Ariba Farooq, Mazhar Amjad Gilani, Khurshid Ayub, Asma Ejaz, Anupriya Kumar and Ichiya Ninomiya”, “Synthesis and DPPH Scavenging Assay of Reserpine Analogues, Computational Studies and In-silico Docking Studies in AChE and BChE responsible for Alzheimer’s Disease”, Brazilian J Pharm Sci., 2015

Department of Mathematics

Published Papers


Faisal, Madad Khan, Bijan Davvaz and Shamsul Haq, “A Note on Fuzzy Ordered AG-groupoids”, Journal of Intelligent & Fuzzy Systems”, Volume 26 Issue 5 Page 2251-2261, 2015, IF: 0.93


Xiaoyan Liu, Feng Feng, Ronald R. Yager Bijan Davvaz and Madad Khan, “On Modular Inequalities of Interval-valued fuzzy soft sets characterized by soft J-inclusions, Journal of Inequalities and Applications, IF 0.77


Accepted Papers


M. Abbas, D. Illic and T. Nazir, “Iterative Approximation of Fixed Points of Generalized Weak Prešić Type k-step Iterative Method for a Class of Operators”, Filomat, IF: 0.753


M. Abbas, B. E. Rhoades and T. Nazir, “Fixed and Common Fixed Point Results for Expansive Type Mappings in Generalized Metric Spaces”, Advances and Applications in Mathematical Sciences, 2015


Department of Computer Science

Published Papers


Accepted Papers

Who is New

Department of Computer Science

Sardar Khaliq-uz-Zaman
Lecturer

Qualification: MS, CIIT Abbottabad


Kashif Nasr
Lecturer

Qualification: MS, Mohammad Ali Jinnah University, Islamabad, Pakistan


Mohammad Babar
Lecturer

Qualification: MS, University of Salford, Greater Manchester, UK

Research Interests: WiMAX, LTE, 4G Technologies, Real Time Communications, VoIP and Human Computer Interactions.
Tree Plantation Campaign
27 February 2015

Two Days Workshop on Women Leadership in Higher Education
21-22 February 2015