*Intra*Net

The **MIET** Bulletin

**MODEL INSTITUTE OF
ENGINEERING & TECHNOLOGY**
NAAC ACCREDITED & ISO 9001:2008 CERTIFIED

Highlights

INSIDE

- NAAC Accreditation
- CSI State Convention
- Best College Award
- FIST & MODROBS grants
- 2 Patents Filed
- 1 Software Developed

Events

INSIDE

- Computer Security Day
- Computer Literacy Day
- World Telecom Day
- Engineers Day
- Matlab Workshop
- Innovation Workshop

Activities

INSIDE

- 200 + Placements
- Industrial Visits
- Community Outreach
- Sports Achievements
- Adventure Camp
- Sammilan

MIET accredited by National Assessment and Accreditation Council (NAAC)

Team from MIER and MIET presenting Accreditation reports to Vice-Chancellor, Jammu University, Prof. M.P.S. Ishar

MIET volunteered and was successfully accredited by the National Assessment and Accreditation Council (NAAC), a statutory body of the Govt. of India which assesses and accredits institutions of higher education in India. Thus, MIET became one of the few technical institutions in the country and the first in the state of J&K to be successfully accredited by NAAC.

The process of accreditation was fairly rigorous and culminated in the visit of the expert committee from NAAC in April, 2012 comprising Prof. S.C Sahasrabudhe, Director DA-IICT, Ahmedabad, Prof. Surjit Angra, NIT Kurukshetra and Prof. S.V Sudheer, University of Kerala. The team visited each department at MIET, interacting with the faculty, students, staff and management over two days. Sharing their observations at the exit meeting, the expert team was appreciative of the green campus, the strong MIET/MIER brand in the region, positive staff and student feedback and the academic best practices being followed. They also recorded their appreciation for the focus on R&D although, MIET primarily operates undergraduate programmes in engineering. The institute was accredited with "B" grade, the certificate of which was received by Principal, MIET at NAAC, Bengaluru in September, 2012.

Hon'ble Vice Chancellor, University of Jammu, Prof. M.P.S Ishar was apprised of this achievement by the management team of MIET, who congratulated the entire institution and hoped that the bar of achievement shall be raised higher each year.

Principal MIET receiving certificate of accreditation from Chairman UGC at Bengaluru

CHAIRMAN

I am delighted with the progress made by MIET in the last year in all key areas. Without doubt the Accreditation by NAAC was one of the most significant achievements. Record placements of our students was immensely satisfying as was the quality of R&D output. With grants worth 61 lakhs from AICTE and DST, MIET aims to develop advanced computing infrastructure in the coming months. If the trends of 2012 are any indication, 2013 promises to be an exciting year in MIETs evolution. I extend heartiest congratulations to MIET faculty and students for their continued commitment to excellence.

Warm regards
Dr. Arun K Gupta

DIRECTOR

As always it is a pleasure to write a message on such a strong all round performance by MIET. The rich spectrum of activities and their frequency speaks volumes on the ability to successfully plan and execute as a team. The innovative adventure boot camp for all students of MIET over 2 months seemed logistically impossible to handle, but went on flawlessly. This year again we have filed for 2 patents and published over 30 research papers, which demonstrates a thriving culture of research and development. At MIET innovation is a buzz-word and we can only promise exciting initiatives ahead for all our stakeholders.

Best of Luck
Dr. Renu Gupta

PRINCIPAL

The contents of this newsletter takes us back to the fantastic year we have had as an organization. The NAAC accreditation was highly gratifying and has helped us frame out a quality blueprint for MIET. In the coming years we plan to roll out several initiatives aimed at capacity and capability building to take us to the next level. Our key focus areas shall be student placements, research and development, creation of technical infrastructure, faculty development and up gradation and greater industry linkages. My dedicated team of faculty and students deserve kudos for putting in extraordinary hard work during the year. Needless to say they make me look good.

All the best
Prof. S.K. Sharma

Principal & Joint Director posing with the winning team at ISTE National Convention - MINERVA 2K12

MIET adjudged as "Best Technical Institute" at 15th ISTE National Convention

MIET was adjudged as "Best Technical Institution" in the 15th ISTE annual student convention, MINERVA-2K12, organized by Indian Society of Technical Education (ISTE) at Rayat Institute of Engineering and Information Technology, Ropar on 6th & 7th Nov, 2012. Over 72 engineering colleges from Northern India had participated in the festival. This is a major achievement for the students of the institute at the National level and reiterates the focus that MIET places on the overall development of its students. Ishita Jain & Nazuk Bhasin was declared as the best student in north zone. This award constituted by the ISTE serves to recognize outstanding students who have made a mark both academically as well as in extra-curricular activities. A total of 56 students from various departments and semesters of MIET took part in the literary, technical and cultural events. A total of 54 prizes were won in different events organized at the festival.

Dignitaries releasing the official souvenir of the CSI convention

MIET hosts first CSI J&K State Student Convention

The First Computer Society of India (CSI) J&K State Student Convention was organized at MIET on 24th-25th March, 2012. This was the first CSI convention in the State of J&K and the seventh such student convention in India. The theme of the convention was Disaster Management and E-Governance which was quite pertinent in the J&K context. Commissioner Secretary, Information Technology, Govt. of J&K, Mr. M.K Dwivedi, IAS was the Chief Guest on the occasion while Prof. R.K Vyas, National Student Coordinator and Prof. Bhopinder Singh, Dean Engineering Jammu University and Principal GCET were the Guests of Honour. Mr. M.K Dwivedi, Commissioner Secretary, IT, J&K congratulated the students on the quality of project and paper presentations. He expressed delight that MIET was actively engaged in research and development of advanced IT projects.

Science Day
28th February, 2012

"Science Day" was celebrated by the students and faculty with great fervor and enthusiasm. Prof. Anju Bhasin, Head, Department of Physics and Electronics, University of Jammu was the Chief Guest on the occasion. A tribute was also offered to late Prof. C.V Raman in whose memory "Science Day" is celebrated. The Chief Guest presented a technical lecture covering contributions of the team from Jammu University in the LHC project at CERN and exhorted on the students to cultivate a scientific temper. Students later presented seminars on recent scientific breakthroughs.

World Telecom Day
17th May, 2012

MIET celebrated the World Telecommunication and Information Society Day. A seminar was organised with the underlying theme of Women and Girls in Information and Communication Technologies (ICT) as per the global theme for the day. This seminar was conducted by the ISTE Student Chapter of Indian Society for Technical Education (ISTE), at MIET. BSNL General Manager, J and K Circle Ashok Angural was the Chief Guest and highlighted the importance of telecommunication and gave out the efforts of BSNL in meeting the aspirations of the users.

Engineer's Day
15th September, 2012

MIET celebrated 45th Engineers Day at its campus on 15th of September 2012. Sh.S.K.Chauhan, Chief Manager, Power Grid Corporation graced the occasion as the Chief Guest. On this occasion a seminar on the topic "Appropriate Climatic- Responsive Technologies for Inclusive Growth and Sustainable Development" was also conducted. Students of Electrical Engineering Department presented papers highlighting various climate responsive technologies to reduce the carbon emissions and suggested techniques for inclusive growth and sustainable development.

Vishwakarma Day
17th September, 2012

MIET celebrated Vishwakarma day by performing the Pooja of Lord Vishwakarma, who governs all machines and equipment as per beliefs. The event was organized by the Mechanical Engineering Department of the Institute. On the occasion, all the teaching and technical staff of the Department, The function was held in Mechanical Workshop of the institute, where principal Prof. S.K Sharma prayed for the well being of all. He threw light on importance of Vishwakarma Day and also inaugurated the newly acquired CNC Lathe Machine and the Shaper machine.

World Computer Security Day
30th November, 2012

The "World Computer Security Day" was celebrated at Model Institute of Engineering and Technology (MIET) on 30th November' 2012 by the department of IT. Mr Sudhir Sharma, Scientist 'C' cum Sr. System Analyst NIC J&K was the Chief Guest while Dr. Ankur Gupta was the Guest of Honour. A workshop on "Comparison of Security Features in Linux and Windows" was conducted by IIHT Technologies for the students. Students presented technical seminars of various aspects of network and information security.

World Computer Literacy Day
2nd December, 2012

Computer Science and Engineering Department, organised a programme to celebrate the World Computer Literacy Day. The Chief Guest on the occasion was Block Development Officer, Bhalwal, Aijaz Qaiser. Students of MIET visited the Govt. School in the area & interacted with the students to create awareness on the basics of computers. The chief guest applauded the efforts made by the College in order to promote the cause and promised the students to provide every help they need.

Performance Insight 360°

MIET implemented and deployed the PI 360 platform which provides total quality management for collection of data related to quality parameters and performs advanced analytics on the same. The software provides trend analysis on all important quality aspects of the institution as per the ISO quality framework and the requirements of NAAC.

Learning Management System

MIET is the first institution in J&K to implement a Learning Management System (LMS) for its students. The moodle-based LMS provides access to course handouts, course slides and to other world-class resources such as MIT Open Courseware, the National Project on Technology-Enhanced Learning (NPETL) and the Khan Academy. Students can access the website 24x7.

Campus ERP solution rolled out

MIET successfully implemented and rolled out its Campus Management ERP-based on open-source architecture. The project was conceived and executed within 3 months. The ERP has helped automate many of the manual tasks including attendance and result management, which used to be tedious and resulted in voluminous paper-based reports.

Workshop on MATLAB Conducted

A four-day workshop on MATLAB was organized by the Student Chapter of IETE (Institute of Electronics and Telecom Engineers), a national level professional body. MIET IETE chapter has over 100 student members. Resource persons for the workshop were Dr. Amit Kant Pandit from SMVDU,

Dr.Pawanesh Abrol and Prof. Praveen Lehana from Jammu University besides expert faculty from MIET. Head of Department, Mr. Jamini Sharma and Assistant Professor Ms. Richa Vashishtha were the coordinators for the programme, while Mr. Sahil Verma, Ms. Shikha Bharti and Ms. Pallavi Mishra conducted the hands-on sessions during the workshop. Prof. S.K. Sharma, Principal, MIET complimented the efforts of the student Chapter and ECE Deptt. The main topics

covered under the workshop were Digital Signal Processing and Image Processing, Matlab in BFO's and research issues in visualization techniques. This workshop ended with a valedictory ceremony where the chief guest was Dr.Joy Ganjoo, the Chairperson IETE local Jammu Centre. Prof. Ankur Gupta, Joint Director MIET encouraged students to develop skills in MATLAB to take up advanced projects in emerging domains.
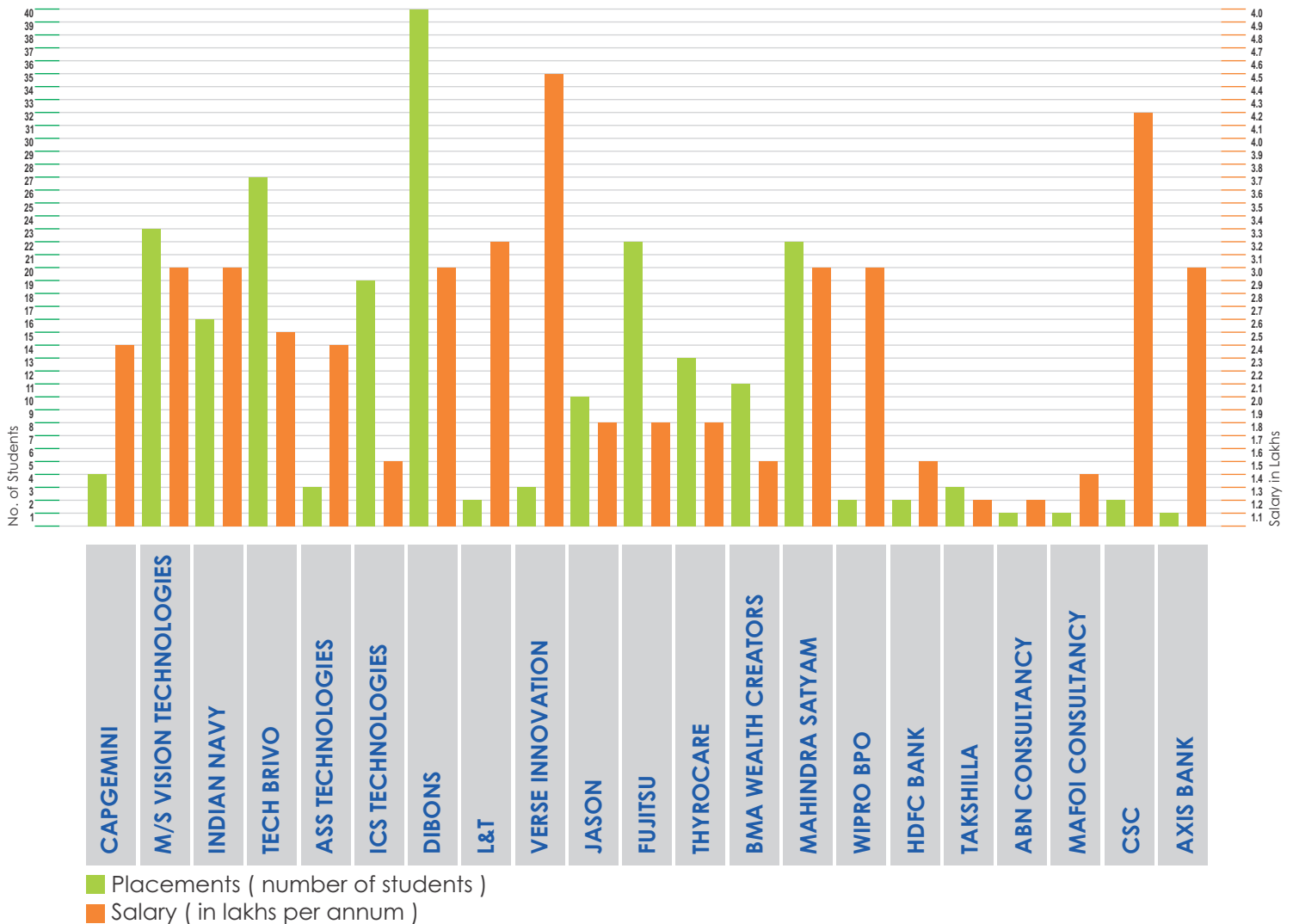
Record Placement Season @ MIET

(MIET) recorded the best placement season ever, with 200+ offers of placement received from 22 reputed companies across India for the 2012 batch of graduating students. The maximum salary package of Rs. 4.5 Lakhs per annum was offered by Verse Innovation Ltd., Bengaluru to 8 students of MIET, while the average pay package was 2.5 Lakhs per annum. Companies which recruited MIET students

Principal & Joint Director posing with some of the placed students

included L&T InfoTech, Verse Innovations, Bengaluru, Global Logic, Gurgaon, Syntel, Vodafone, Json Systems, Noida, ICS Tech, Noida, Tech Brivo, Noida, AAS Technologies, Hyderabad, Rich Infra Pvt. Ltd, Chandigarh, Roufus Software, Gurgaon and IBM. A Total of 70 students have received offers of 3.0 lakhs and above.

Legend:
- ▇ Placements (number of students)
- ▇ Salary (in lakhs per annum)

Chart categories: CAPGEMINI, M/S VISION TECHNOLOGIES, INDIAN NAVY, TECH BRIVO, ASS TECHNOLOGIES, ICS TECHNOLOGIES, DIBONS, L&T, VERSE INNOVATION, JASON, FUJITSU, THYROCARE, BMA WEALTH CREATORS, MAHINDRA SATYAM, WIPRO BPO, HDFC BANK, TAKSHILLA, ABN CONSULTANCY, MAFOI CONSULTANCY, CSC, AXIS BANK

Dr. Ankur Gupta invited as distinguished speaker at WOSA 2012

Dr. Ankur Gupta was invited by the National Board for Accreditation (NBA) as a distinguished speaker on the First World Summit on Accreditation at New Delhi in March, 2012. Dr. Gupta spoke on the use of IT-based frameworks for managing quality in overcoming logistical challenges for a large country as India. His ideas were very well received and his presentation was appreciated by the expert panel.

2 more patents filed by MIET

A Business Analytics framework for managing quality in educational institutions across the country encompassing concepts of cloud computing and big-data analytics was described in the two patents filed by MIET this year at the Indian Patents Office. The patents have translated into an application - Performance Insight 360 (http://pi360.net) which is in the process of being productized. It is the first software product incubated at MIET.

Paper accepted at ACM Workshop, USA

S. Sridhar, M. Lakanpuria and A. Charak from CSE had their research paper, "SNAIR: A Framework for Personalized Recommendations Based on Social Network Analysis" accepted at the prestigious 5th ACM SIGSPATIAL International Workshop on Location-Based Social Networks at California, USA in November, 2012.
The students worked under the guidance of Prof. Ankur Gupta, Mr. Ajay Raina and Mr. Santosh Borse from IBM, USA. Mr. Swapan Sridhar a MIET alumnus was the fifth co-author on the paper.

AICTE funds Mobile Computing Laboratory

Under MODROBS (Modernization and Removal of Obsolescence) scheme of the AICTE, MIET received funding of Rs. 15 Lakhs for setting up a Mobile Computing lab and Rs. 6 Lakhs for setting up a PC-based Simulation Lab for Electrical Engineering. The Mobile Computing Lab has been sanctioned for the Department of Computer Science and Engineering and will involve procurement of mobile devices like tablet computers and smartphones. The PC-based simulation lab hall be utilized to run MATLAB software allowing for better quality projects to be undertaken at the department level. Prof. Ankur Gupta, is the principal coordinator for the Mobile Computing Lab, while Assistant Professor, Ms. Minakshi Khushoo is the principal coordinator for the PC-based Simulation Lab. The labs shall be operational by end Jan. 2013.

MIET selected for funding under FIST program of DST

MIET was the only private institution from J&K selected to receive funding of Rs. 40 Lakhs under the FIST (Fund for Improvement of Infrastructure in Science and Technology) programme of the Department of Science and Technology, Govt. of India. This is the single largest financial grant received by MIET so far. The communication to this effect was received by MIET in November, 2012 after MIET was selected on a nationally competitive basis. Dr. Ankur Gupta prepared the proposal under FIST and was invited by DST to make a presentation at the Indian Academy of Sciences Bengaluru, which was evaluated by a high-level expert committee. The funds shall be utilized to create high-performance computing infrastructure comprising of a high-end blade server with 10 blades and associated nodes.

Published Research Papers

Journals and Book Chapters

1. Ankur Gupta, Lohit Kapoor and Manisha Wattal, Cloud-to-Cloud (C2C): An Ecosystem of Cloud Service Providers for Dynamic Resource Provisioning, Lecture Notes in Computer Science, Springer-Verlag, 2011.
2. Ankur Gupta and Lalit K. Awasthi, Peer-to-Peer Networks/Computation: Current Trends and Future Perspectives, International Journal of Computing and Informatics, Vol.30, No. 3, pp. 559-594, 2012.
3. Ankur Gupta, Innovations in Higher Technical Education in India: A Status Report, MIER Journal of Educational Trends and Practices, Vol. 1, No. 1, pp. 1, 2011
4. Ankur Gupta, Practitioner-Oriented Collaborative and Cooperative Software Maintenance, International Journal of Computer Science: Theory, Technology and Applications, Vol.1, pp. 18-31, April 2012.
5. Bhavna Arora Makin and Prof. Devanand, "An Intra-Cluster Trust-Based Secure Data Aggregation Framework for Wireless Sensor Networks", International Journal for Next Generation Computing,Vol.2, No.1 March 2012, pp 325-338. (ISSN: 0976-5034)
6. Dr. Bhajan Singh Komal, Dynamical Systems Induced By Frobenius -Perron Operators, Antarctica Journal Of Mathematics, vol. 8, no.7, 345-351, 2012
7. Dr. Bhajan Singh Komal, Volterra Composition Operators, International Journal Of Contemporary Mathematics And Mathematical Sciences vol. 6, no. 7, 345-351, 2012
8. Dr. Bhajan Singh Komal, Gwinner's Theorem On Variational Inequality Problem For Multifunctions, International Journal of Mathematical analysis vol 2 2012 No. 17,837-841
9. P. S. Velumani, Ant Based Target Tracking And Localization Technique For Sensor Networks, European Journal of Scientific Research, Volume 70, Issue 4, pp. 554-568, Feb 2012
10. Dr. Bhajan Singh Komal, Multiplication Operators On Weighted Hardy Spaces, Lobacuevskii Journal of Mathematics (Russia) vol.33 No.2 , 2012
11. Dr. Bhajan Singh Komal, Hermitian & Normal Composition Operators on Hardy Spaces, International Journal of Contemporary Mathematics and Mathematical Sciences vol. 7, no. 4, 179-186, 2012.
12. P. S. Velumani, Ant Based Target Tracking And Localization Technique For Wireless Sensor Networks, To appear in International Journal of Computer Theory and Engineering
13. Lohit Kapoor, Intelligent Traffic Control Management System Based On Wireless Sensor Networks, Advances in Computing and Communications, Communications in Computer and Information Science, 2011, Volume 190, Part 5, 501-510

International Conferences

1. Ankur Gupta and Salim R. Qureshi, Collabra: A Framework for Cooperative Software Maintenance, IEEE International Conference on Information Society (iSociety), pp. 149-154, June 27-29, 2011, London, UK.
2. Ankur Gupta, A Cloud-Based Quality Management, Assessment and Benchmarking Framework for Educational Institutions, Proceedings of the First World Summit on Accreditation (WOSA'12), National Board for Accreditation, New Delhi, March 25-28, 2012.
3. Bhavna Arora Makin, Network Security Issues:Approaches & Algorithms, 8th International Conference on Upcoming Trends in IT, PCTE , Ludhiana, March 2012
4. Megha Rawat, Recent trends in Tourism Financial Flows, International Conference On Sustainable Practices In Trans-Himalayan Destinations (SPTHD 2012)
5. Neena Bhalla, Recent trends in Tourism Financial Flows, International Conference On Sustainable Practices In Trans-Himalayan Destinations (SPTHD 2012)
6. Vikas Sharma, Managerial Perceptions towards special Incentives Scheme, International Conference On Sustainable Practices In Trans-Himalayan Destinations (SPTHD 2012)
7. Simranjeet Singh, Procedural Innovation in Tourism Industry, International Conference On Sustainable Practices In Trans-Himalayan Destinations (SPTHD 2012)
8. Amit Mehta and Monika Sharma, Smart grid initiative for power distribution utility in India, IEEE Conference ACNCN-2012 organized by Andhra University, Vishakhapatnam, 17th -18th March, 2012.
9. Amit Mehta and Monika Sharma, Solar Cell: meeting the environmental necessities of clean air and climate change, ICEWWNEM-2012 organized by Ch.Devi lal University Sirsa, Haryana India, 28th -30th Jan.2012
10. Shardha Gupta, Energy storage technologies for building integrated Photo voltaic cells, ICEWWNEM-2012 organized by Ch.Devi lal University Sirsa, Haryana India, 28th -30th Jan.2012

National Conferences

1. Simi Gupta and Simranjeet Singh, Role Of Cloud Computing In Business Management, J&K Science Congress, University of Jammu, Oct.2011
2. Shiv Kumar Sharma, Effects of Radio Frequency Electromagnetic Fields (Rf Emfs) of Mobile Phones on Human Beings, 7th JK Science Congress, University of Jammu, Oct. 2011, pp-433
3. Dr. Rajinder Sharma, Numerical simulation of temperature dependent current-voltage characteristics of schottky barrier diode, 7th JK Science Congress, University of Jammu, Oct. 2011
4. A.S Bali and R.M Vaid, Mechanistic Studies of Dissociation of Anthranilic Dipropionate ActylacetonateCr(III)ion in Acidic Medium, 7th J&K State Science Congress, University of Jammu, Oct 2011
5. A.S Bali and R.M Vaid, Identification of Manufacturing Impurities of thiocyanomethylthiobenzothiazola by GC-MS, 7th J&K State Science Congress, University of Jammu, Oct. 2011
6. Navdeep Bhullar, Synthesis and Characterization of Polymethylmethcrylate Blends of Polybisphenol-Acarbonate in SC CO_2, J&K State Science Congress, University of Jammu, Oct 2011
7. Ms.Minakshi Khushoo, Climate Change and Green Technology: An Indian Perspective, 7th J&K Science Congress, University of Jammu, Oct.2011
8. Dr. Ajit Virdi and Dushyant Pradeep, Molecular Structure, Conformation, Vibrational and Electronic Spectra of Methyl-3-Chloro-Propenate, National Symposium on Interdisciplinary Sciences, Jammu March, 2012

Workshops and Guest Lectures

Experts from reputed organisations conducted various workshops and delivered guest lectures on the latest topics for benefit of the students and faculty. Some of these are;

I.   On 15th January, 2012 guest lecture on the topic "Smart Grids" was conducted by Mr. S K Chauhan, Chief Manager, Power Grid Corporation of India, Ltd, Jammu Division

ii. On 28th January, 2012 guest lecturer on the topic, "Mathematical Logic" was conducted by Prof. S C Arora, HOD of Mathematics Delhi University

iii. On 6th February, 2012 guest lecture on the topic, "Investment and SEBI Guidelines" was conducted by Mr. S D Khajuria from SEBI Ltd, New Delhi

iv. On 8th February, 2012 guest lecture on the topic, "Positive Attitude – A way of life" was conducted by Prof. L K Mangotra, former HOD – Physics & Electronics, University of Jammu

v.   On 22nd February, 2012 guest lecture on the topic, "Challenges in Entrepreneurship" was conducted by Ms. Anupama Vyas, National Vice Chairman of CII-YI

vi. On 3rd March, 2012 guest lecture on the topic, "Wireless Network & Association Application" was conducted by Mr. Sumeet Gupta, AP SMVDU

vii. On 3rd March, 2012 guest lecture on the topic, "Web Technologies" was conducted by Dr. Lalitsen Sharma – AP, P.G. Dept of Computer Science & IT, University of Jammu

viii. On 7th April, 2012 guest lecture on the topic, "Overview of Grid Management" was organized by the EE Dept presented by Mr. Jatin Pal, TCS.

ix. On 6th September, 2012 gust lecture on the topic "Cloud Computing and Big data Management" was conducted by Mr. Navjot Singh, EMC Corp.

x.   On 12th October, 2012 guest lecture on the topic, "Mental Peace & Disaster Management" was conducted by Mr. Braham Kumari Sonia

xi. On 19th November, 2012 guest lecture on the topic, "Preparation of TGMC" was conducted by Mr. Mayank Jha, IBM Career Education, New Delhi

xii. On 24th – 29th November, 2012 guest lecture on, "MATLAB" was conducted at MIET by Dr. Amit Kant, SMVDU, Dr. Pavesh Abro and Dr. Parveen Lehana, University of Jammu

Industrial Visits

On 29th March, 2012. 8th Sem students of EE Dept, visited **Gladini Power Station**

On 5th April 2012. 6th Sem students visited **Salal Hydel Power Station**

On 30th – 31st Oct 2012. 3rd Sem students visited **Best Price**, Bharti Wal-Mart Pvt Ltd.

Sports Roundup

In 2012 students took part in various indoor and outdoor competitions held at Jammu University besides taking part at State and National levels. Students represented MIET in various sports at various levels and brought laurels to the institute:

Cricket

Sahil Sharma, 7th Sem CSE was selected for the Jammu and Kashmir cricket team which takes part in the Ranji Trophy Championships at First Class level.

Fencing

Mr. Dushyant Magotra, 3rd Sem CSE won bronze medal while representing J&K State in Sub-Junior National Fencing Championship-2012 held in Chattisgarh.

Badminton

Diksha Salgotra, 7th Sem IT was croened the Badminton Champion in singles as well as doubles championships at the University level in Oct. 2012.

Sprint

Sulekha Bhatt, 5th Sem MCA finished second in the 100 meter sprint in a time of 13 seconds at the University of Jammu, in Oct. 2012.

Short Put

Akshay Sharma, 5th Sem MCA finished second on the podium in the short put event held at University of Jammu in Oct. 2012

Long Jump

Govind Ram, 6th Sem MCA won the gold medal in the long jump event held at University of Jammu, 2012

NSS Activities

A Tree plantation drive was conducted jointly by MIER-MIET students at MIET on Feb 8th, 2012 in which 100 students from MIET, Model Academy and MIER College came together to plant over a 100 trees to contribute to the development of the environment.

NSS volunteers organized a Blood Donation Camp at MIET on March 3rd, 2012 in association with J&K Aids Control Society & Blood Transfusion Department Govt. Medical College, Jammu. Over 100 students donated blood which according to the officials is the most for a college.

A two day cleanliness and hygiene maintenance campaign was conducted at MIET on 10th April, 2012 where 100 students participated in the cleanliness drive along with the NSS committee members in keeping the campus clean and hygienic.

A unique **camping** experience with **specialized** training and adventure **activities**

MIET has consistently endeavored to innovate in introducing novel academic initiatives for holistic development of students.

The "I-Survive" adventure camp setup at Patnitop offering camping facilities and specialized training, is a perfect example of the out-of-the-box thinking of MIET management. The idea was to take students out of their comfort zones and instill in them new attitudes, fresh ideas and motivate them to overcome their limitations. It took one year to transform this dream into reality. MIET along with its training partner Lighthouse Active Learnings, Delhi created a custom training program built around adventure activities, specialized exercises and elaborate debriefing exercises to drive home the learnings from these activities.

Awake, Arise, Achieve

I SURVIVE

ADVENTURE
BOOT CAMP

The I-Survive camp presented a huge logistics challenge with 1600+ participants in the camp spread over 2 months one class at a time. The students spent the night in comfortable tented accommodation and spent two days participating in activities ranging from commando crawl, burma-bridge, rope-climb, hop-

communication, team work, trust and leadership. The students gave expression to their creative energies by presenting songs and skits over bon-fire in the evening, while the next day started early with yoga, exercises and a jungle trek of over 4 kilometers. A specially designed dining tent served hot

connected by road and students needed to hike for 15 minutes to reach the remote camp-site which added to the feeling of being cut-off from the rest of the world. Needless to say, the camp-site was greatly appreciated by the students, most of whom had never had the opportunity to spend the

skotch, monkey crawl, cross-wire and specially designed game called the I-Survive challenge. Professional trainers oversee all safety aspects with top-notch safety equipment employed during activities. In addition students participated in team building exercises which brought about the important messages of unambiguous

wholesome meals and snacks to the students throughout the camp. The camp-site at Patnitop was equipped with all the basic amenities including permanent toilets, kitchen and catering facilities, electricity and water besides providing pristine natural surroundings perfect for incubating new thoughts and ideas. The camp-site is not

night at a camp or participate in adventure activities. Keeping in view the immense success of the I-Survive camp, it has been decided to make it a permanent feature at MIET, with subsequent camps being planned to offer advanced adventure activities and exercises for further developing the personalities of the students.

Sammilan 2K12
Bigger and Better Than Ever

4000 students, over 40 technical and literary events, talented singers, dancers and performers, rocking high-voltage performance by "Astitva" and you couldn't have asked for a better SAMMILAN, 2012. The fourth edition of the national level technical cum cultural festival for engineering students got underway in grand fashion at MIET on 13th March, 2012 The Chief Guest, Minister for Technical Education, Youth Affairs, Sports and Medical Education Er. R S Chib inaugurated the festival which was presided over by Dr. Arun K. Gupta, Chairman MIER.The Chief Guest was highly appreciative of the vision and scale of Sammilan and congratulated the students for executing it perfectly. He described MIET as the leading technical institution in the private sector in the State of J&K. Chairman MIER, Dr. Arun K. Gupta and Director, MIER Dr. Renu Gupta also felicitated the students and the organizing committee for making fantastic arrangements. Other dignitaries

Rock Band Astitva Performing at the Sammilan Finale

present on the occasion were Mr. M.K Wali, Consultant BOPEE, Mr. Joy Ganjoo, Chairman IETE and MD Lotus Industries, Prof. Pawnesh Abrol, Secy. IETE and Associate Professor, JU, Mr. Ashok Gupta DGM, PNB and Mr. Pradeep Dutta, Bureau Chief,

routine, a bollywood number and a bhangra to thunderous applause from the audience. Later more than 1500 students participated in varied technical, literary and management related events throughout the day with gusto and enthusiasm.

National Bank, IETE (Technical Sponsor), BIG 92.7 FM, Journey Line, Take One (Media Partners), Hero Honda – Dhawan Automobiles, ISTE, Amtrak Technologies, INIFD and VLCC. Ms. Taru Mahajan was the faculty coordinator for Sammilan

Times Group, Jammu.
The inaugural ceremony was kick-started by a rocking performance by the MIET music club which rendered soulful melodies along with foot-tapping numbers which had the crowd in a frenzy. Next, the MIET Dance Club presented a contemporary dance, a hip-hop

Events included the Robotics Workshop by ThinkWare, Project Exhibitions, LAN Gaming, Quiz, Paper presentations, Code de-bugging and literary events like Faceoff, Globe Trotter, Heart Strings, Frame by Frame and Be the Change.
The festival was sponsored by Aircel (Gold Sponsor), Punjab

while The main student coordinator was Nitesh Suri from 8th semester, Electronics and Communication. He and his dedicated team of student coordinators have been instrumental in firmly establishing Sammilan, 2K12 as the largest technical-cum-cultural festival in the State of J&K.

Swapan Shridhar   **CSE - 2005 Batch**

Swapan Shridhar, a MIET alumnus, is currently pursuing his Masters in Computer Science at University of Texas at Dallas, USA (2011 - 2013). He completed his Bachelors in Computer Science and Engineering at Model Institute of Engineering and Technology, Jammu (2001 - 2005).

He is scheduled to join VMware Inc., Palo Alto, CA, USA, where he did his summer intern from June-Aug'12 after completing his Masters. After his Bachelors' he had joined Hewlett Packard (HP), Bangalore, India, where he worked for 5+ years (2006 -2011) in the domain of Data Storage and Unix filesystem.

His achievements include a paper publication at the 5th ACM SIGSPATIAL International Workshop on Location-Based Social Networks (LBSN) 2012 at California, USA titled "SNAIR: A Framework for Personalized Recommendations Based on Social Network Analysis", two Invention Disclosures titled "Creating and managing an in-memory and on-disk file greater than 2^64 bytes in size on a 64-bit filesystem" and "Efficient mounting of double spindle magnetic tapes" at http://www.researchdisclosure.com, published by Hewlett Packard and a 3rd rank at the HP-University Student's Conference at Bangalore which involved over 50 student project presentations.

His technical interests are in the domain of Data Storage, Cloud Computing, Machine Learning and Mobile applications.

Bharat Mahajan   **ECE - 2007 Batch**

Bharat Mahajan completed his B.E in Electronics and Communications from MIET in 2007. He is currently pursuing his MS in Aerospace Engg (2010-2013) at the Missouri University of Science and Technology, Rolla. His thesis is on investigation of halo orbits near small solar system bodies.

At MIET he pursued his final year project jointly under mentorship from Hewlett-Packard and Dr. Ankur Gupta. He received the second prize for his project "Smart Problem Analyzer" at the 2007 HP-IEEEStudent Conference held at Bangalore. Subsequently, he was offered a job at HP which Bharat took up and worked at HP from 2007-2010 as a software engineer.

In 2010 he relocated to the US to pursue his MS in Aerospace Engineering and shall be completing his MS shortly. He has already applied for PhD programmes at various universities and is all set to work on cutting-edge problems in aerospace engineering.

During his MS programme he has published one paper, "Halo Orbits Near Small Bodies in the Elliptic Restricted Problem" at the AIAA/AAS Astrodynamics Specialist Conference in 2012. He also received the First Prize at the Region V AIAA student Conference in May 2012 for his presentation Orbit Determination of an Uncooperative Maneuvering RSO During Proximity Operations. He is currently interning at a research company in Rolla... (Few facts: IST Rolla is actually started long back by my professor Dr. Balakrishnan and basically does research for NASA/Air Force projects. Actually HCL founder Shiv Nadar is Dr. Balakrishnan's brother.).

Dear Alumni

We take this opportunity to invite all our ex-students to join our Alumni Association and share their experiences, motivating others to emulate their path of success. Kindly send us details of your current whereabouts, professional status and other achievements at **alumni@mietjammu.in** or through post at,
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