

JUET chronicle



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EDITORIAL BOARD

- Prof. D.S. Hooda - Chairman
- Prof. Shishir Kumar
- Dr. Rashmi Tyagi
- Dr. Arnab Kumar Ray
- Dr. Amit Mishra
- Dr. Rajeev Srivastava



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Administrative Highlights

- Meeting of Academic Council was held on November 09, 2013 at JUET, Guna. Important decisions taken are as follows:
 - a) Approval of the Governing body to convert two diploma courses i.e. BMCT and TPPE to Diploma in Civil Engineering and Diploma in Mechanical Engineering respectively w.e.f. the batch admitted in academic session 2013-14.
 - b) Approval of making strategies to prepare students for careers rather than jobs and include new avenues of education in engineering and sciences with-
 - Interdisciplinary contents;
 - New growth areas like Bio/Nano/Life science/ICT;
 - Dual degree concepts etc.
- Meeting of Board of Management was held on November 09, 2013 at JUET, Guna.

Publication of University Journal

- The first issue of "JUET Research Journal of Science and Technology" was released by Hon'ble COO Dr. Y. Medury Ji on January 22, 2014.
- JUET Research Journal of Science and Technology would be published with Narosa Publishers.
- Prof. D.S. Hooda, Dean (R) is the chief editor of journal.

Admitted Strength of Students in all Courses

For academic session 2013-14

B. Tech	M. Tech	Diploma	B.Sc. (Maths.)	Ph. D	Total
2033	62	208	05	61	2369

Visits by Dignitaries

- Prof. Joseph Stiglitz (Nobel laureate) accompanied by Mr. S. C. Beher, Mr. W.N. Den, Dr. Ranu Dhillon and Shri Jaivardhan Singh ji, MLA visited the campus on January 04, 2014.

Achievements (Department-wise)

CHEMICAL ENGINEERING

A: Publications Journals

- R. K. Arya, "Phase Separation in Multicomponent Polymer-Solvent-Nonsolvent Coatings", South African Journal of Chemical Engineering, vol. 18, no. 1, pp. 30 - 40, 2013.



Inputs of Research by all Departments of University

- S. R. Pandey, "Comparative Studies On Settling, Pulp Density, Settling Velocity, Flocculant Dose And Filtration Of Iron Ore Slime By Graft Copolymers And Commercial Flocculants", International Journal of Engineering Research and Technology, vol. 2, no. 8, 351-370., 2013.
- S. R. Pandey, "Studies On Settling, And Filtration Of Iron Ore Slime By Magnafloc(1011) Commercial Flocculant At Different pH", Indian Streams Research Journal, vol. 3, no. 8, pp.1-3, 2013.
- Vinayika Singh and Rashmi Tyagi, "Unique micellization and CMC aspects of Gemini Surfactant: An Overview; Journal of Dispersion Science and Technology", DOI: 10.1080/01932691.2013.856317, 2013.
- Naveen Kumar and Rashmi Tyagi, "Dimeric Surfactants: Promising Ingredients of Cosmetics and Toiletries" Cosmetics, vol. 1, pp. 3-13, 2013.
- S. Ramesh, H. Mahalingam and N. J. Rao, Mathematical Modeling of Drying of Black Liquor droplets in Recovery Boilers, International Journal of Chemical Engineering and Applications, vol. 5, no. 1, pp. 1-5, 2014.

B: Publications In Conference Proceedings

- U. M. Singhal, R. Dixit, and R. K. Arya, "Drying of Multilayer Polymeric Coatings: Experimental Study", Chemcon-2013 (Poster Presentation), UICT Mumbai, India, December 27-30, 2013.
- R. Kumar, H. Mahalingam and K. K. Tiwari, "Selection of Solvent in Supercritical Antisolvent Process", 5th International Conference on Chemical, Biological and Environmental Engineering (ICBEE2013), New Delhi, India, pp., September 14-15, 2013.

Awards / Honours

- Hari Mahalingam received 'Best Paper Award' at the 5th International Conference on Chemical, Biological and Environmental Engineering (ICBEE2013), September 14-15, 2013, New Delhi, India.

COMPUTER SCIENCE ENGINEERING

A: Publications Journals

- Nishant Shrivastava and Vipin Tyagi, "An effective scheme for image texture classification based on binary local structure pattern", The Visual Computer (Springer), pp. 1-10, doi:10.1007/s00371-013-0887-0, 2013.
- Ravindra Kumar Singh, Narendra S. Chaudhari and Kanak Saxena, "Probabilistic Selection of QoS Paths for Improving Survivability in MPLS Networks", Communications and Network, vol. 5, no.4, pp. 328-336, 2013.
- Paras Jain and Vipin Tyagi, "Spatial and Frequency Domain Filters for Restoration of Noisy Images", IETE Journal of Education, vol. 54, no. 2,, pp.108-116, 2013.
- Keshav Goel and Nileshkumar Patel, "Digital receipt: A viable replacement for the printed receipts on thermal papers", International Journal of Innovative Research and Development, vol. 2, no.12, pp. 38-41, 2013.
- Ratnesh Litoriya, "Incorporating Business Intelligence in Modeling Software cost Estimation" International Journal of Innovative Research and Development, vol. 2, no. 12, pp. 98-101, 2013.
- Nishant Shrivastava and Vipin Tyagi, "Content Based Image Retrieval based on Relative Locations of Multiple Regions of Interest using Selective Regions Matching", Information Sciences, vol. 259, pp. 212-224, 2014.
- Nitin Deepak, Shishir Kumar, "Comparative Analysis of Risk Assessment Techniques in SDLC" Pragyan : International Journal of Information Technology, vol. 11, issue 2, pp. 11-17, 2013.

B: Publications In Conference Proceedings

- Neeraj Kumar Rathore and Inderveer Chana, "A Sender Initiate Based Hierarchical Load Balancing Technique for Grid Using Variable Threshold Value", In Proceedings of IEEE International Conference on Signal Processing, Computing and Control (ISPCC), JUIT, Wagnaghat, H.P., 978-1-4673-6190-3/13, pp.1-6, September 26-28, 2013.
- Prateek Pandey, Priya Shrivastav, "Time Series Forecasting Using Fuzzified Data: A New Paradigm", In Proceedings of AICTE Sponsored National Conference on Advances in Information & Communication Technology, Gwalior, pp. 110-113, October 28-29, 2013.
- Amit Kumar and Shishir Kumar, "Genetic Algorithm Approach for Non-Self OS Process Identification", In Proceedings of the Third International Conference on Soft Computing for Problem Solving, IIT Roorkee, and in series: Advances in Intelligent Systems and Computing, vol. 259, pp. 26-28, December 27-29, 2013.

Conference / Seminar / Workshop Participated

- Lal Pratap Verma has attended a workshop on "Network Simulation (NS-2013)" at MANIT, Bhopal during August 19-23, 2013
- Shishir Kumar has delivered an invited lecture in National Conference on, "Emerging Trends in Computational Research and Development [ETCRD-2013]" organized by the Department of Computer Science, Dev Sanskriti Vishwavidyalaya, Haridwar, September 7-8, 2013
- Neeraj Kumar Rathore has attended IEEE International Conference on ISPCC, JUIT, Wakanaghat, H.P., during September 26-28, 2013.
- Varun Sharma has attended national workshop on "Latest Trends in Digital Signal Processing Applications under TEQIP Phase-II" M.I.T.S, Gwalior, M.P., on October 5, 2013.
- Vipin Tyagi has attended IEEE International Conference on Image Processing (ICIP) at JUIT, Wagnaghat as Technical Program Chair during December 9-11, 2013.



**One faculty member
of CSE &
ECE each awarded
Ph. D. Degree**

- Prateek Pandey, Ratneh Litoria and Nilesh Patel have attended an International Conference on "Information Technology & Business Intelligence (ITBI)", Guna, M.P., during December 13-14, 2013.
- Vipin Tyagi has attended the 48th Annual Convention of Computer Society of India at Vishakhapatnam as invited speaker and chaired one technical session during December 13-15, 2013.
- Lal Pratap Verma and Varun Sharma have attended a National Workshop on "Advancements in Network Communication & Security", at Jaypee University of Engineering & Technology, Guna, M.P., during December 19-21, 2013.
- Shishir Kumar has delivered an Invited lecture and chaired a technical session in the 3rd International Conference on "Soft Computing for Problem Solving (SocProS 2013)" organized by Indian Institute of Technology Roorkee, India Greater Noida Extension Centre, December 26-28, 2013.
- Amit Kumar has attended an International Conference on Soft Computing for Problem Solving, IIT Roorkee (Greater Noida campus), during December 26-28, 2013.
- Varun Sharma and Lal Pratap Verma have attended a National Workshop on "Energy Management in Smart Grid through Soft Computing (WEMSG-2014)" at Network Simulation (NS-2013) at Maulana Azad National Institute of Technology, Bhopal, M.P., during January 13-15, 2014.

Onference / Short Term Course / Workshop Organized

- Department of CSE has organized National Workshop on "Advancements in Network Communication and Security (ANCS-2013)", December 19-21, 2013

Ph.D Awarded

- Umashankar Rawat was awarded Ph.D. degree entitled "Secure and Efficient Distributed Cryptographic File System" under supervision of Prof. Shishir Kumar in August 2013.

CIVIL ENGINEERING

A: Publications Journals

- R. Subramanyam and Ashok Kumar, "Impacts of bio-diesel fuels on exhaust emissions", JUET Research Journal of Science and Technology, 1(1), pp. 109-116, 2014.
- V. S. Babu, A. K. Mullick, K. K. Jain and P. K. Singh, "Strength and Durability Characteristics of High-strength Concrete with Recycled Aggregate-Influence of Mixing Techniques", Journal of Sustainable Cement-based Materials, DOI: 10.1080/21650373.2013.874302, 2014.
- Kanchan Mala, A. K. Mullick, K. K. Jain and P. K. Singh, "Effect of Relative Levels of Mineral Admixtures on Strength of Concrete with Ternary Cement Blend," International Journal of Concrete Structures Materials, vol. 7, no. 3, pp. 239-249, 2013.
- Kanchan Mala, A. K. Mullick, K. K. Jain and P. K. Singh, "Effect of Relative Levels of Mineral Admixtures on Corrosion Resistance of Cracked Ternary Cement Blend Concrete," Journal of Sustainable Cement-based Materials, DOI: 10.1080/21650373.2013.847810, 2013.

B: Publications In Conference

- N. K. Samaiya, "Infiltration of Wash Material into the Pores of Stream Bed Material", Proceedings of the 7th International Symposium on Environmental Hydraulics, NTU Singapore, January 07-09, pp. 291-294, 2014.
- N. K. Samaiya, N. K. Khullar and U. C. Kothiyari, "Effect of Cohesive Wash Load Transport on Bed Load Transport", Proceedings of HYDRO 2013 International XVIII Conference on Hydraulics, Water Resources, Coastal and Environmental Engineerin, IIT Madras, Chennai, December 04-06, pp. 690-698, 2013.
- R. K. Goliya, N. K. Samaiya, G. R. Sabareesh, A. Gupta, "Current Status of Interference Effect Studies on Tall Buildings", Proceedings of The Eighth Asia-Pacific Conference on Wind Engineering, December 10-14, Chennai, India, pp. 68-75, 2013.

Conference / Seminar / Workshop Participated

- N. K. Samaiya has attended 7th International Symposium on Environmental Hydraulics held on January 07-09, 2014 at NTU, Singapore.
- R. K. Goliya has attended 8th Asia-Pacific Conference on Wind Engineering held on December 10-14, 2013 in Chennai.
- Nitin Samaiya, Sumit Gandhi and R. Goliya has attended one day International workshop on "Role of industrial wind tunnel in design of Civil Engineering Structures" organized by Wind Engineering Application Centre (JPWINCENTRE) at JUET, Guna on December 16, 2013.

ELECTRONICS & COMMUNICATION ENGINEERING

A: Publications Journals

- Anuj Garg, Ankit Saxena, Anupama Arora, Narendra Singh, "Implementation of Optimized Transmultiplexer Using Window Functions," International Journal of Advance Research, IJOAR, vol. 1, no.8, ISSN 2320-9119, pp. 1-4, 2013.
- Ravi Kumar, Rajiv Saxena, "Performance Analysis of MIMO-STBC systems with Adaptive Semiblind Channel Estimation Scheme", Wireless Personal Communication (Springer), vol. 72, issue. 4, pp. 2361-2387, 2013.
- Rahul Pachauri, Rajiv Saxena, S. N. Sharma, "Studies on Z-window based FIR filters", ISRN Signal Processing, Article ID 148646, DOI: 10.1155/2013/148646, vol. 2013, pp. 1-8, 2013.



Department of CSE organised three day National Workshop

- Rahul Pachauri, Rajiv Saxena, S. N. Sharma, "Fixed windows in fractional Fourier domain", International Journal of Image, Graphics and Signal Processing, vol. 6, no. 2, pp. 1-13, DOI: 10.5815/ijjgsp.2014.02.01, 2014.
- Deepak Sharma, Rajiv Saxena, Ashutosh Rajput, "Robust Image Encryption Using Discrete Fractional Fourier Transform with Eigen Vector Decomposition Algorithm," Advances in Microelectronic Engineering (AIME), Science and Engineering Publishing Company, vol. 1, Issue 4, pp. 77-82, 2013.
- Akash Agarwal, Mayank Singhal, Naina Sehgal, Shefali Sharma, "Fusion of Geometrical and Statistical Techniques for Human Ear Recognition", International Journal of Emerging Technology and Advanced Engineering, vol. 4, Issue 1, pp. 636-641, 2014.

B: Publications In Conference

- Ashutosh, Deepak Sharma, "Robust Technique for Image Encryption and Decryption Using Discrete Fractional Fourier Transform with Random Phase Masking", International Conference on Computational Intelligence: Modeling Techniques and Applications (CIMTA) Kalyani, Procedia Technology (Elsevier), pp. 707-714, September 27-28, 2013.

Conference / Seminar / Workshop Participated

- Rajesh Kumar Vishwakarma attended Sixth Science Conclave organized by Indian Institute of Information Technology Allahabad during December 08-14, 2013.
- Ravi Kumar attended three Day National Workshop on Advancements in Network Communication and Security (ANCS-2013) organized by Department of Computer Science & Engineering, JUET, Guna during December 19-21, 2013.
- Rahul Pachori attended a Two-week ISTE workshop on Signals & Systems conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD, Govt. of India) at Samrat Ashok Technological Institute, Vidisha, M. P. during January 2-12, 2014.

Ph.D Awarded

- Ravi Kumar was awarded Ph.D. degree entitled "Augmentation of MIMO Communication Link with Partial CSI", under the supervision of Prof. Rajiv Saxena in September, 2013.

HEUMANITIES AND SOCIAL SCIENCE

A: Publications Journals

- Rachna Chaturvedi, "Fostering Organization Culture & Innovation through Strategic Human Resource Management", International Journal Of Innovative Research & Development, vol. 2, Issue 12, pp. 285-289, ISSN No: 2278-763, 2013.
- Divyanshu Kapoor, Rajeev Srivastava, "Cyber Security For Smart Grids Using Cognitive Radios", International Journal of Innovative Research & Development vol. 2, Issue 12, pp. 285-289, ISSN No: 2278-7631, 2013.
- Rachna Chaturvedi, "Indian women entrepreneurs: A journey in cracking of the glass ceiling effect", IJELLH, International Journal of English Language, literature and humanities, vol. 1, issue 4, ISSN No: 2321-7065, 2013.
- Kamini Bhasin, "Amitav Ghosh's The Hungry Tide: Intoning silence", Indian journal of applied research, Index with international ISSN Dictionary, Paris, vol. 3, Issue: 8, pp. 27-29, ISSN No: 2249-555X, 2013.
- Kamini Bhasin, "Amitav Ghosh: A pioneer writer with intellectual influences, Concepts and theories and art of writing", International journal of society and humanities, vol. 1, no. 2, pp. 13-17, ISSN No: 2319-2070, 2013.
- Vikram Singh Chouhan and Sandeep Srivastava, "Understanding Competencies and Competency Modeling: A literature survey" -IOSR Journal of Business and Management, vol. 16, no. 1, pp. 14-22, ISSN No: 23197668, 2014.

B: Publications In Conference

- Sapna Surjan, Rajeev Srivastava, "Micro, Small and Medium Enterprises in India: The Challenges of Technology Adoption", 5th International Conference on Information Technology & Business Intelligence", pp. 293, December 14, 2014.
- Rachna Chaturvedi, "A Model of Interdependent Relationship: Government-Industry-Academia in Agricultural Practices", in souvenir of International Conference on Management of Agri Business and Entrepreneurship Development", pp. 71, January 6-7, 2014.

C: Books

- Rachna Chaturvedi, "Managing Organisation", Vikas Publications, New Delhi, 2013.

Project / Conference / Workshop Organized

- Department of Humanities & Social Sciences, Jaypee University of Engineering & Technology, Guna has organized the 5th International Conference on Information Technology & Business Intelligence with the collaboration of Institute of Management & Technology, Nagpur during December 13-14, 2013 at Jaypee University of Engineering and Technology, Raghogarh, Guna.



5th International Conference on Information Technology & Business Intelligence was conducted by Department of HSS with collaboration of IMT, Nagpur on December 13-14, 2013



**Prof. D.S. Hooda
nominated Country
Coordinator from
India for ISLP
for two years**

MATHEMATICS

A: Publications In Journals

- D. S. Hooda, Keerti Upadhyay and D. K. Sharma, "'Useful' R-Norm Information Measure and its Properties" IOSR Journal of Electronics and Communication Engineering, vol. 8, pp. 52-57, 2013.
- D. S. Hooda and D. K. Sharma, "Lower and Upper Bounds Inequality of a Generalized 'Useful' Mean Code Length", GAMS Journal of Mathematics and Mathematical Biosciences, vol. 4, No. 1, pp. 62-69, 2013.
- Hradyyesh Kumar Mishra, Sonali Saini, "Fourth order singularly perturbed boundary value problems via initial value techniques, Applied Mathematical Sciences, vol. 8(13), pp. 619-632, 2014.

Conference / Seminar / Workshop Participated

- D.S. Hooda participated and presented an invited paper at 59th WSC held at Hong Kong, China, during August 25-30, 2013.
- D. S. Hooda delivered an invited talk at 18th Annual cum 3rd International Conference of Gwalior Academy of Mathematical Sciences held during September 22-26, 2013.
- D. S. Hooda delivered an invited talk and chaired a session in the International Conference on Recent Advances in statistics and Applications held at Dr. Babasahib Ambedkar University, Aurangabad from December 26-28, 2013.
- I. Husain presented a research paper entitled "Sufficient Fritz John type Optimality Criteria and Duality for Control Problems" and chaired a technical session in conference on Enterprise and Supply chain management at Sanya, China, held during December 02-05, 2013.
- I. Husain delivered an invited talk and chaired two technical sessions in the International Conference on Operations Research for Data Analytics and Decision Analysis, organized by Department of Mathematics, University of Kashmir, Srinagar, J&K, India, during October 21-23, 2013.

Awards / Honours

- General Council of International Statistics Institute nominated Prof. D.S.Hooda, Dean (R) and HOD to ISLP(International Statistics Literacy Project) funded by World bank in August, 2013, as Country Coordinator from India for two years.

MECHANICAL ENGINEERING

A: Publication Journals

- S. Agrawal, and A. D. Bhatt, "UML Model for the Standardization of Heterogeneous Material Representation for Additive Manufacturing", JUET Research Journal of Science and Technology, ISSN: 2321-6026, Narosa Publishing House Pvt. Ltd., New Delhi, India, vol. 1, no. 1, 2014.
- A. K. Pandey and A. K. Dubey, "Fuzzy Expert System for Prediction of Kerf Qualities in Pulsed Laser Cutting of Titanium Alloy Sheet", Machining Science and Technology: An International Journal, vol. 17, no. 4, pp. 545-574, 2013.
- A. Sharma and V. Yadava, "Simultaneous Optimization of Average Kerf Taper and Surface Roughness during Pulsed Nd: YAG Laser Cutting of Thin Al-alloy Sheet for Straight Profile", International Journal of Manufacturing Technology and Management, vol. 27, no. 1-3, pp. 112-126, 2013.

B: Publications In Conference

- Arun Kumar Pandey and Shivani Pandey, "Simultaneous Optimization of Geometrical Kerf Qualities in Pulsed Nd:YAG Laser Cutting of Titanium Alloy Sheet using Hybrid Approach of MRA and GA", in Proceedings of International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-8), National Institute of Technology, Calicut, Kerala, pp. 784-788, December 13-15, 2013.
- Amit Sharma, Vinod Yadava, S. S. Agarwal, "Modelling of Cut Qualities during Nd-YAG Laser Cutting of Thin Aluminum Alloy Sheet Metal using Artificial Neural Network", in Proceedings of International Conference on Precision, Meso, Micro and Nano Engineering (COPEN-8), National Institute of Technology, Calicut, Kerala, pp. 789-794, December 13-15, 2013.

Conference / Short Term Course / Workshop Organized

- Department of Mechanical Engineering organized a National Workshop on "Advanced Manufacturing Technologies" during September 27-29, 2013. Dr. Sanat Agrawal was Chairman and Yashwant Kumar Modi was Organising Secretary of the workshop. Seventy two participants attended the workshop from different parts of the country.

Conference / Seminar / Workshop Participated

- Sanat Agrawal and Yashwant Kumar Modi attended one day International workshop on "Role of Industrial Wind Tunnels in Design of Civil Engineering Structures", Jaypee Wind Engineering Application Centre, JUET, Guna, India, December 16, 2013.
- All faculty members of Mechanical Engineering Department attended a three-day National Workshop on "Advanced Manufacturing Technologies (NWAMT)" during September 27-29, 2013 held at JUET, Guna (M.P.). Following distinguished guests and faculty members of JUET delivered expert lecture during National Workshop on "Advanced Manufacturing Technologies" held during September 27-29, 2013 at JUET, Guna.



One day International Workshop was organised by Jaypee Wind Engineering Application Centre on December 16, 2013

Prof. R.K. Pandey, IIT, Delhi	: Green machining and bio-mimetic textures surfaces
Prof. A. D. Bhatt, MNNIT, Allahabad	: Product development and sustainable Engg.
Prof. J. N. Dube, JUET	: Machine tools
Dr. Sanat Agrawal, JUET	: Additive Manufacturing: Introduction & Applications
Dr. S. Mondal, JUET	: Mechatronics
Dr. Bhagat Singh, JUET	: Advanced Engineering Materials
Dr. Amit Sharma, JUET	: Laser Beam Machining
Mr. Y.K. Modi, JUET	: Automation and Computer Integrated Manufacturing

PHYSICS

A: Publications Journals

- Niladri Sarkar, Abhik Basu, Jayanta K. Bhattacharjee and Arnab K. Ray, "Acoustic horizons in steady spherically symmetric nuclear fluid flows", Physical Review C, vol. 88, article no. 055205, pp. 1-10, 2013.
- Jayanta K. Bhattacharjee and Arnab K. Ray, "Turbulence as a limiter of a gravity-driven flow", JUET Research Journal of Science and Technology, vol. 1, pp. 1---, 2014.

B: Publications In Conference

- Anuj Kumar, Mahesh Pal Singh Yadav and Poonam Tandon "Density functional theory application on molecular structure and vibrational spectra studies on 2-amino-5-(m-nitrophenyl)-1,3,4-thiadiazole " Fourth International Conference on Perspectives in Vibrational Spectroscopy (icopvs 2013), Bishop Moore College, Mavelikara, Kerala, August 06-09, 2013.

JAPEE WIND ENGINEERING APPLICATION CENTRE

A: Publications In Journals

- G. R. Sabareesh, Masahiro Matsui and Yukio Tamura, "Ground roughness effects on internal pressure characteristics for buildings exposed to tornado-like flow", Journal of Wind Engineering & Industrial Aerodynamics, vol. 122, pp.113-117, 2013.

B: Publications In Conference

- S. Arunachalam, G. R. Sabareesh and Mohit Dwivedi, "Development of a new boundary layer wind tunnel for civil engineering applications", In Proceedings of the 3rd National Conference on Wind Tunnel Testing, VSSC, Trivandrum, pp. 61-62, August 23-24, 2013.
- N.Lakshmanan, G.Ramesh Babu, Devdas Menon and S. Arunachalam, "Simplified analytical model for across-wind response of chimneys around critical wind velocity regions", In Proceedings of the 8th Asia Pacific Conference on Wind Engineering, Chennai, pp. K97-K114, December 10-14, 2013.
- S. Selvi Rajan, G. Ramesh Babu, S. Arunachalam, Nagesh. R. Iyer, and N. Lakshmanan, "Interference factors for natural drought cooling towers based on Wind Tunnel Experiments", In Proceedings of the 8th Asia Pacific Conference on Wind Engineering, Chennai, pp:490-498, December 10-14, 2013.
- A. Abraham, P. Harikrishna, S. Selvi Rajan, G. Ramesh Babu, S. Chitra Ganapati, Nagesh. R. Iyer, S. Arunachalam and Kishor Kumar, "Interference effects of mean wind loads for a group of high-rise buildings with unconventional shapes", In Proceedings of the 8th Asia Pacific Conference on Wind Engineering, Chennai, pp. 309-317, December 10-14, 2013.
- S. Arunachalam, N. Lakshmanan and G. Ramesh Babu, "A method for evaluation of across-wind response of a circular chimney including lock-in effects and comparison with ACI code of practice", 8th Asia Pacific Conference on Wind Engineering, Chennai, pp. 113-119, December 10-14, 2013.
- G. R. Sabareesh, Masahiro Matsui and Yukio Tamura, "Characteristics of tornado-vortex developed under a translating tornado-like flow simulator", 8th Asia Pacific Conference on Wind Engineering, Chennai, pp. 99-102, December 10-14, 2013.

Conference / Short Term Course / Workshop Organized

- Jaypee Wnd Engineering Application Centre organized a one day International Workshop on "Role of industrial wind tunnels in design of Civil Engineering structures" on December 16, 2013 with delegates from India and abroad.
- The inaugural address was delivered by Prof.N.J.Rao, Vice Chancellor, JUET and the special address was given by Sri.Har Prasad Ji, advisor, JAL.
- A brief account of the development of wind engineering in India since late 1960s till day and the importance and the role of wind tunnels in design of civil engineering structures was presented by Prof. Prem Krishna, formerly Prof. &Head of Civil Engg., IIT, Roorkee.
- World renowned experts in Wind Engineering, had participated:
 - (i) Prof. Yukio Tamura, President, International Association of Wind Engineering and Director, Global COE Program, New Frontier of Education and Research in Wind Engineering, Tokyo Polytechnic University, Japan.
 - (ii) Prof. Richrad G.J. Flay, University of Auckland, New Zealand.
 - (iii) Prof. Partha Sarkar, Director, Wind Simulation and Testing Laboratory, Iowa State University, USA.
 - (iv) Prof. Andrzej Flaga, Cracow University of Technology, Poland



Our main recruiters are Infosys, Accenture Wipro & NIRMA Cements



JUET Faculty Club has organized Badminton Doubles Tournament for Ladies

Awards / Honours

- S. Arunachalam has been elected as Fellow, of the Indian National Academy of Engineering with effect from January 01, 2014.

TRAINING & PLACEMENT ACTIVITIES

- Infosys, Accenture, S&P Capital IQ, APAC, Wipro, NIRMA Cement & JMC are the major recruiters among the companies that conducted recruitment drive for JUET students. Till now total 183 students have received offers from various companies, which are as follows :-
- Infosys selected 37, Accenture selected 110, Wipro 2, HCL selected 8 and ERA construction selected 5 students from B.Tech.
- S&P Capital IQ selected 1 student of B. Tech. CSE and offered a package of 6.4 Lacs/PA.
- Yamaha Motor Solutions selected 1 student from B.Tech. (MECH).
- APAC selected 6 students from Chemical Engineering.
- NIRMA Cement recruited 6 students from Chemical Engineering.
- JMC Selected 9 students from B.Tech. (MECH & CE) and 12 students from diploma.
- India Army and Indian Navy conducted their recruitment drive at JUET, Guna shortlisted students are appearing for SSB.
- Results of following companies conducted recruitment process are awaited: Shobha Developers - 2nd Drive, Bridgecon India, Cognizant, IBM, ERA Constructions.
- Campus recruitment process for 2014 batch has been initiated, upcoming campus drives: TCS, Syntel, AMDOCS, Aditya Birla Chemicals, Shobha Developers, Hawkins etc.

Students' Activities

- JUET Chemical Engineering Students Society (JCESS) in association with IIT Bombay organized a half-day workshop on "COMSOL" on January 18, 2014. Total 175 students participated in the workshop and certificates of participation were given.
- The first and second round of the national-level Chemical Engineering quiz "Chemophilia" conducted by Azeotropy, IIT Bombay was organized by JCESS on January 18, 2014. Two students qualified and are eligible to participate in the final round at IIT Bombay.
- JCESS-Ecoclub organized the event "Best out of Waste" on October, 12 2013.
- JCESS organized the event "Look around" on November 04, 2013.
- Yash Raj Singh, student of B. Tech (CSE) IV Sem has developed an Apps "Equilibrium" and ranked in Top 10 developers in National event of Google Cloud Developer Challenge December, 2013.
- Student Branch of Computer Society of India, has organized following events during said period and more than 1500 students have participated in these events-

Cyber Security Workshop	August 24, 2013
ACM-ICPC Session	October 5, 2013
Technische Ereignis	October 8, 2013
Click-o-Thon	October 16, 2013
Graphic Designing Workshop	October 24-26, 2013
KODEATHON 13.5 (Coding Competition)	October 29-30, 2013
Do The Doodle	November 6, 2013
Web Development Workshop	November 9-11, 2013
C Programming Workshop	November 17-19, 2013
Java Workshop	January 18, 2014
Android Development Workshop	January 19, 2014
Facebook Maniac	January 30, 2014
- Civil Engineering Forum organized orientation programme for students of first year on January 25, 2014.
- Mechanical Engineering Society (MES) organized "Carrus - a quiz competition" on automobiles on November 14, 2013.
- The orientation program of Mechanical Engineering first student took place on November 11, 2013.

JUET Faculty Club :

- Inter department cricket tournament has been organized during December - January 2014, Final match has been played on January 12, 2014. Team "Rest of JUET" is the winner of this event.
- Badminton Doubles Tournament" (For Ladies) has been organized by JUET Faculty club on January 25, 2014 in Tagore Hall. Ten teams comprising of lady faculty members and house wives have participated with full enthusiasms. Team of Mrs. Pooja Rajeev and Mrs. Kavita Arya is the winner of this event.



All wings of JYC conducted many event for students of University



Ten faculty members of different department were promoted

JUET Youth Club (JYC)

Following events were organized by the different wings of JYC during the period August 01, 2013 - January 31, 2014.

(i) Cultural Wing

- El Partido Grande Freshers September 28, 2013
- Dandiya Night October 26, 2013
- Musical Night November 09, 2013

(ii) Literary Wing

- Battle of the Brains-G.K Quiz October 29, 2013
- Comedy circus November 15, 2013
- Youth Parliament November 17, 2013
- English Play (The Twelfth Night) November 22, 2013
- English / Hindi Debate competition (Round I and II) January 15 and 20, 2014

(iii) Art & Event management Wing

- BOX OFFICE 1.0: Rang De Basanti October 15, 2013
- Filmology November 08, 2013
- Dumb Charades (BARFI) November 12, 2013
- FUKREY: The Mind Blowing Quiz November 20, 2013
- Antakshari January 23, 2014

(iv) Sports Wing

- University Football Tournament October 28, 2013
- University Basketball Competition November 08, 2013
- University Badminton Competition November 11, 2013
- University Table Tennis league January 16, 2014
- University Cricket league January 19, 2014

Students have actively participated in various literary, cultural & sports events at the following esteemed institutions during said duration of JUET Chronicle;

- IIT Kanpur - Sports fest
- AMITY UNIVERSITY, Lucknow campus - National debate competition
- JUIT Wakhnaghat - Model United nations.

Promotions

We congratulate our faculty members who were promoted during the semester. They include:

- Dr. Uma Shankar Rawat (CSE), Dr. Mahesh Kumar (CSE), Dr. Ravi Kumar (ECE), Dr. Rajesh Kumar Vishwakarma (ECE), Dr. Nafisuddin Khan (ECE), Dr. Jitendra Kanungo (ECE), Dr. Arun Kumar Pandey (MECH), Dr. Alok Gautam (CHE) and Dr. Shina Gautam (CHE) have been promoted from Assistant Professor (G-II) to Assistant Professor (SG) in reported duration.
- Mr. Harbhajan Ahirwar has been promoted to Assistant Professor (G-II) in January 2014.

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