



* VOL. 7 NO.2 OF JUET CHRONICLE COVERS INFORMATION FROM FEBRUARY TO JULY 2017.

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Editorial Board

- Prof. Shishir Kumar - Chairman
- Dr. Rashmi Tyagi
- Dr. Yashwant Kumar Modi
- Mr. Shishir Thakur



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contact@juet.ac.in

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Visit of Dignitaries

- Mr. Anil Jain, Vice President, Oracle, USA visited the JUET campus and delivered a lecture to students on July 19, 2017 on Emerging Trends in IT sector.

Address by Brig. (Retd) S.K.S. Negi, Registrar and Dean (SW)

- Address to Non-Hosteller students on February 17, 2017 for Safety.
- Address to Girls students on February 09, 2017 and on April 09, 2017 for their Safety & Security

Important Academic Events

- Mr. Pramod Mishra, HR Head, Simplex Infrastructure Ltd visited the campus and delivered an informative talk to students of B.Tech. III & IV year of CE & ME branches during February 03-04, 2017.
- Mr. Ankit Kuchhal, Mr. Chahal, Software Engineer, MediaTek Inc. conducted sessions in the workshop on "Java and Android" for students of B.Tech (CSE) II & III year, on February 11-12, 2017.
- Mr. Dheeraj, Technical Trainer, CEBS visited the campus and conducted a session in "Java Workshop" for students of B.Tech (CSE) III year, on February 27, 2017.
- Mr. Harish Muleva, Senior Architect, Philips India visited the campus as a resource person in a workshop organised by the Department of ECE during May 10-11, 2017 on Mobile Application Development for Common Platform.
- Prof. S.P. Chaurasia, Head, CHE, NIT Jaipur visited the campus for Viva-voce on May 22, 2017.
- Prof. Bharati Gaur, NIT, Hamirpur, visited the campus for Ph.D. Viva-voce on June 22, 2017.
- Dr. Haranath Kar, Professor, Department of ECE, MNNIT, Allahabad visited the campus for Ph.D. Viva-voce on July 04, 2017.

Admitted Strength of Students

B.Tech	M. Tech.	Ph.D.	Others	Total
1522	10	75	5	1612

New Establishment

- Faculty of Mathematical Sciences has been created from A.Y. 2017-18 and Prof. Vipin Tyagi nominated as its Head.
- Faculty of Sciences has been created from A.Y. 2017-18 and Prof. B.K. Mohanty nominated as its Head.

Publication of University Journal

- The First issue of Vol. 4 of JUET Research Journal of Science and Technology (Biannual International Research Journal) published by Narosa Publishers was released by the Honorable Vice Chancellor on 16th February, 2017.



Visit of Civil Engineering students, to Parvati River Bridge on NH-3, on March 09, 2017.



Go Green Tech Fest organized by Civil Engineering Department held on April 29-30, 2017.

ACHIEVEMENTS (FACULTY WISE)

FACULTY OF ENGINEERING

CHEMICAL ENGINEERING

A: Publications In Journals

- Rahul Shrivastava, Hari Mahalingam and N.N. Dutta, "Application and Evaluation of Random Forest Classifier Technique for Fault Detection in Bioreactor Operation", Chemical Engineering Communications, Vol. 204, pp. 591-598, 2017.

B: Ph.D. Awarded

- Ph.D. degree was awarded to Mr. Rahul Kumar by the university for his thesis entitled, "Modeling of Particle Size Distribution in Super Critical Anti Solvent Process", under the supervision of Dr. N. N. Dutta on 1st June 2017.

C: BOS Meeting

- Sixth meeting of the Department's BOS was held on May 17, 2017.

CIVIL ENGINEERING

A: Publications In Journals

- Anukrati Joshi, Santosh Sharma, Sapna Jaiswal, Abhishek Sahu, Ankur Jain and Shiv Shankar, "Planning of Eco Friendly Residential G+4 Building for Indore City", International Journal on Emerging Technologies, Vol. 8, No. 1, pp. 416-420, 2017.
- Arihant Jain, Kash Laad, Kirti Chirarth Singh and Krishna Murari, "Effect of Magnetic Water on Properties of Concrete", International Journal of Engineering Science And Computing, Vol.7 No. 5, pp. 11864-866, 2017.
- Ankit Mathur, Akhil Choudhary, Parnika Singh Yadav and Krishna Murari, "Experimental Study of Concrete using E-Waste as Coarse Aggregate", International Journal of Engineering Science and Computing, Vol.7, No. 5, pp.11244-246, 2017.
- Ankit Mathur, Akhil Choudhary, Parnika Singh Yadav and Krishna Murari, "Experimental Study of Concrete using Combination of E-Waste and Plastic Waste as Coarse Aggregate", SSRG International Journal of Civil Engineering (SSRG - IJCE), Vol.4, No. 5, pp. 36-39, 2017.
- Abhishek Verma, Rachit Sharma, Monil Shrivastav and Prashant Singh, "Evaluation of Reclaimed Asphalt Pavement (RAP) in Flexible Pavement Layer, World Journal of Engineering Research and Technology, Vol.3, No. 2, pp.91-104, 2017.
- Abhishek Verma and Jeevan Meena, "Experimental Study of Ceramic Waste Electric Insulator Powder Used as a Partial Replacement of Cement in Concrete", Journal of Material Science and Surface Engineering, Vol.5, No. 4, pp. 606-611, 2017.

B: Conference/Seminar/Workshop Participated

- Mr. Shiva Shankar Y delivered an invited lecture at Central Mine Planning & Design Institute (CMPDI- A subsidiary of Coal India Limited- PSU, GOI) on 'Design of ETP for Coal Mines and STP for Miners Colony', CMPDI HQ, Ranchi, March 06- 09, 2017.
- Dr. Sumit Gandhi attended a training program on 'Solid Works CAD Expert' organized by Department of Mechanical Engineering at JUET Guna, April 01-02, 2017.
- Prof. S. Arunachalam attended the Sectional Committee-I (Civil Engineering) of Indian National Academy of Engineering (INAE), at Gurgaon, for initial short-listing of INAE Fellows and candidates for INAE Young Engineer Award on May 4, 2017.
- Dr. N. K. Samaiya and Mr. Shiva Shankar Y attended District-Level Expert Committee (DEAC) as expert members held at Collector's office Ashoknagar on May 09, 2017 & July 14, 2017.

C: BOS Meeting

- Sixth meeting of the Department's BOS was held on February 15, 2017.

D: Student's Activities

- Following events were organized by Civil Engineering Forum (CEF) during April 29-30, 2017.
 - Concrete Cube Casting : April 29, 2017
 - Clay Modeling : April 29, 2017
 - Truss It : April 29, 2017
 - AutoCAD : April 29, 2017
 - Bob The Builder : April 30, 2017
 - Go Green : April 29-30, 2017
 - Model Exhibition : April 29-30, 2017
 - Fun Events : April 29-30, 2017

E: Student's Achievements

- Garima Rawat, P.G. student presented a paper titled "Cathodic Protection of Steel Reinforcement using Pure Magnesium Anode", in 5th International Conference on Advancement in Engineering and Technology (ICAET-2017), March 24-25, 2017.



Students of CSE branch enjoying after an event TACHYON held on April 29-30, 2017.



Students of CSE Department Participating in Web Development Workshop held during March 07-08, 2017

COMPUTER SCIENCE AND ENGINEERING

A: Publications In Journals

- Vinay Kumar Jain, Shishir Kumar, Steven Lawrence Fernandes, "Extraction of emotions from multilingual text using intelligent text processing and computational linguistics", Journal of Computational Science, <https://doi.org/10.1016/j.jocs.2017.01.010>, February 2017.
- Bhakti Prabhakar and Neelesh Jain, "Counter Forensics: An Analysis Report", International Journal of Advanced Information Science and Technology, Vol. 6, No.5, pp.23-27, May 2017.
- Lal Pratap Verma and Mahesh Kumar, "An Adaptive Data Chunk Scheduling For Concurrent Multipath Transfer", Computer Standards & Interfaces, Vol. 52, No. C, pp. 97-104, May 2017.
- Dinesh Verma and Shishir Kumar, "Prediction of Defect Density for Open Source Software using Repository Metrics", Journal of Web Engineering, Vol.16, No. 3 & 4, pp.293-310, June 2017.

B: Conference/Seminar/Workshop Participated

- Dr. Prateek Pandey attended a National Workshop on "Application of MATLAB in Science & Engineering" at JUET, Guna, MP, during February 11-12, 2017.

C: Ph.D. Awarded

- Ph.D. degree was awarded to Mr. Ajay Kumar by the University for his thesis entitled "Design and Analysis of Effective Partitions based Clustering Algorithm and its Applications" under the supervision of Prof. Shishir Kumar on July 22, 2017.

D: BOS Meeting

- Ninth meeting of the Department's BOS was held on April 29, 2017. Mr. Manu Kuchhal (IBM) participated as External Member.

E: Student activities

- Student Branch of Computer Society of India, has organized following events during this period and more than 1200 students have participated in these events –
 - Workshop on Success Mantra : February 11, 2017
 - Designing Workshop : February 15-16, 2017
 - Web Development Workshop : March 07-08, 2017
 - A Byte of Data Structures : March 27-29, 2017
 - Oblivion Reloaded : April 22, 2017
 - Kodeathon International : April 27, 2017
 - TACHYON Events : April 29-30, 2017

ELECTRONICS AND COMMUNICATION ENGINEERING

A: Publications In Journals

- Anjali Shukla and Manish Kumar Patidar, "BER Analysis of Modulation techniques based OFDM system" International Journal of Innovative Research in Science & Engineering, Vol 5, No. 3, pp. 35-41, April 2017.
- Durgesh Nandan, Jitendra Kanungo and Anurag Mahajan, "An Efficient VLSI architecture design for logarithmic multiplication by using the improved operand decomposition," Integration: The VLSI Journal, Vol. 58, pp. 134-141, June 2017.

B: Conferences/Seminars/Workshops participated

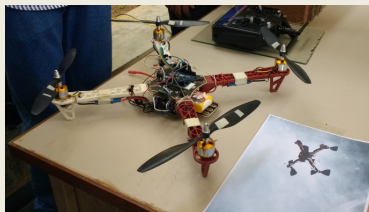
- Dr. Rahul Pachouri attended Two day central zonal level "Student Research Convention: Anveshan-2017" organized by Dr. C.V. Raman University (CVRU) and Association of Indian Universities (AIU) at CVRU, Bilaspur on February 28 - March 01, 2017.
- Dr. Rahul Pachouri attended one day workshop on "Project Proposal Formulation" organized by Madhya Pradesh Council of Science & Technology (MPCST), Bhopal on March 07, 2017.
- Mr. Subodh Kumar Singhal attended the workshop on "VLSI design and Sensors in Systems" organized by UGC Networking Resource Centre & UGC-SAP-DRS-I-CASEST at School of Physics, University of Hyderabad, March 20-25, 2017.

C: Conferences/Seminars/Workshops organized

- The Department organized two-day national workshop on "Application of MATLAB in Science & Engineering", during Feb. 11-12, 2017.
- The Department organized two-day training program for B.Tech. 3rd & 4th year students of CSE & ECE, on "Mobile application development for common platform" during May 10-11, 2017.

D: Ph.D. Awarded

- Mr. Subodh Kumar Singhal was awarded Ph.D. degree by the university for his thesis entitled "Scalable Architectures for VLSI Implementation of DSP Algorithms", under the supervision of Prof. B.K. Mohanty in July, 2017.



Model displayed by ECE students in Model Display Exhibition held on April 29, 2017



Student of Mechanical Engineering aiming to target during "Hawk Eye" an event held on April 29, 2017.

E: BOS Meeting:

- BOS meeting of the ECE department was held on May 18, 2017. Prof. R.C. Jain, Head, ECE Department, JIIT, Noida and Prof. S.N. Sharma, SATI, Vidisha participated as external members.

F: Establishment of New Laboratories

- Analog & Digital Communication Lab for B. Tech. CSE students of 3rd year/5th semester.

G: Student's activities

- The Students Forum (ISF) organized "Dextra", ECE Annual technical fest during April 29-30, 2017. Following events were conducted during the fest:
 - Model display : April 29, 2017
 - Poster Making on IOT and Automation : April 29, 2017
 - Solderon : April 30, 2017
 - Code de Matlab : April 30, 2017

H: Student's Achievements

- Ayush Kumar Singh and Ashutosh Tripathi, B.Tech IV year students, participated and presented a project entitled "Home Automation using Internet of Things (IOT)" in two day central zonal level "Student Research Convention: Anveshan-2017" organized by Dr. C.V. Raman University (CVRU) and Association of Indian Universities (AIU) at CVRU, Bilaspur (C.G.) during February 28 - March 01, 2017.

MECHANICAL ENGINEERING

A: Publications In Conference Proceedings

- Kedari Lal Dhaker and Arun Kumar Pandey, "Optimization of Hole Circularity in Laser Trepan Drilling of Inconel-718 sheet by Genetic Algorithm", ELK Asia Pacific Journals Special Issue, pp. 186-190, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Girish Dutta Gautam, Gavendra Norkey and Arun Kumar Pandey, "Mechanical Characterization of Kevlar-29 Fiber Reinforced Polymer Composite", ELK Asia Pacific Journals Special Issue, pp. 203-206, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Prafull Sharma, Ashish Shrivastav and Arun Kumar Pandey, "Tensile and Impact Strength Analysis of Cotton Fiber Reinforced Polymer Composites", ELK Asia Pacific Journals Special Issue, pp. 217-221, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Prashant Kumar Shrivastava, Gavendra Norkey and Arun Kumar Pandey, "Taguchi based Particle Swarm Optimization of Kerf Taper in Laser Cutting of Inconel-718 Sheet", ELK Asia Pacific Journals Special Issue, pp. 221-226, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Samarth Agarwal, Sajal Hada, Girish Dutta Gautam and Arun Kumar Pandey, "Modeling and Optimization of Material Removal Rate during Turning of Cotton Fiber Reinforced Polymer Composite using Response Surface Methodology", ELK Asia Pacific Journals Special Issue, pp. 238-241, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Priyanka Joshi, Amit Sharma and Yaswant Kumar Modi, "Modeling and Optimization of Kerf Geometry during ND:YAG Laser Cutting of Aluminum Alloy Sheet" ELK Asia Pacific journals-Special Issue., pp.296-300, 2017. Presented in ARIMPIE-2017, ITS Engg College, NOIDA held on April 21-22,2017
- Shailendra Kumar, Yogesh Shrivastava, and Bhagat Singh, "Prediction of Tool Chatter in Turning", In Proceedings of Novel Approaches in Science, Engineering and Technology (NASSET 2017), Madhav University, Rajasthan, India, pp. 66-70, February 24-25, 2017.
- Shailendra Kumar, Bhagat Singh and Gavendra Norkey, "Simulation of Tool Chatter in Turning Process", In Proceedings of International Conference on Manufacturing Technology and Simulation (ICMTS), IIT Madras, pp. 73-76, July 7-8, 2017.
- Yogesh Shrivastava and Bhagat Singh, "Chatter analysis in turning using Ensemble Empirical Mode Decomposition," In Proceedings of International Conference on Manufacturing Technology and Simulation (ICMTS), IIT Madras, pp. 29-32, July 7-8, 2017.

B: Conference/Seminar/Workshop Organized

- The Department organized a training program on "SolidWorks CAD Expert" in association with Ekspe Software Services, Indore during April 01-02, 2017.
- The Department conducted a Six-day Operator Training program on 660 MW Supercritical Thermal Power Plant Simulator during May 29 to June 03, 2017.



Students of Mechanical Engineering Department displaying models in Exhibition organised during MEC Techfest “Yantraveshan”



Training session by Dr. Shivani Kapoor , Professional Trainer and Faculty, NDIM, New Delhi on April 15 -16, 2017.

C: Conference/Seminar/Workshop Participated

- Dr. Bhagat Singh attended two-day International Conference on Novel Approaches in Science, Engineering and Technology (NASET 2017), Madhav University, Rajasthan, India, February 24-25, 2017.
- Dr. Yashwant Kumar Modi delivered an expert lecture titled “Additive Manufacturing and its Applications in Various Parts of Society” in QIP-AICTE STTP on Additive Manufacturing at IIT, BHU, Varanasi, UP, March 20, 2017.
- Dr. Yashwant Kumar Modi delivered an expert lecture titled “Medical Applications of Additive Manufacturing and Recent Developments” in QIP-AICTE STTP on Additive Manufacturing at IIT, BHU, Varanasi, UP, March 21, 2017
- Dr. Arun Pandey attended and presented the research paper in 3rd International conference on “Advancements and Recent Innovations in Mechanical, Production and Industrial Engineering (ARIMPIE-2015)”, Greater Noida (India) during April 22, 2017.
- Dr. Sanat Agrawal, Dr. Bhagat Singh, Dr. Amit Sharma, Dr. Arun Pandey, Dr. Gavendra Norkey, Dr. Yashwant K Modi, Dr. Subas Dash, Mr. Kedari Lal Dhaker, Mr. Pankaj Gupta, Mr. Prakash Saini, Mr. Raju Arya and Mr. Tarun Samanta attended five-day training program on “SolidWorks CAD Expert” at JUET, Guna in two phases during December 16-18, 2016 and April 1-2, 2017.

D: BOS Meeting:

- BOS meeting of the Department was held on May 13, 2017. Dr. V K Jain (Retd Professor, IIT Kanpur) and Dr. P K Mishra (Retd. Professor, MNNIT, Allahabad) participated as external members.

E: Award/Honour

- Priyanka Joshi, Ph.D. Scholar was awarded with Young Scientist Award (Certificate and Cash prize of Rs. 25,000) by MPCST Bhopal in the 32nd MPCST Young Scientist Congress during March 10-11, 2017.

F: Student Activities

- Rajat Garg, B.Tech. student participated and presented a project entitled “ Magnetic Levitation Train” in Two day central zonal level “Student Research Convention: Anveshan-2017” organized by Dr. C.V. Raman University (CVRU) and Association of Indian Universities (AIU) at CVRU, Bilaspur (C.G.) during February 28 - March 01, 2017.
- Ashay Pare, B.Tech. student participated in the Egg-drop competition in Techkriti at IIT Kanpur during March 23-26, 2017.
- Dishant Bajpai, B.Tech. student attended a workshop on Automobile Engineering in Techkriti at IIT Kanpur in March 2017.
- Prashant Shrivastava, Abhishek Soni, Girish Dutt Gautam, Shailendra Kumar, Yogesh Shrivastava (Ph.D. scholars) and Mayank Garg (PG student) attended five-day training program on “Solidworks CAD Expert” at JUET Guna in two phases during December 16-18, 2016 and April 1-2, 2017
- Mechanical Engineering Society (MES) organized its technical festival “Yantraveshan” during April 29-30, 2017. Following events were conducted during it:
 - Egg Drop Challenge : April 29, 2017
 - Aagaz : April 29, 2017
 - Brave the Storm : April 29, 2017
 - Hawk Eye : April 29, 2017
 - Junkyard Wars : April 29-30, 2017
 - Maglev : April 29-30, 2017
 - Hotwheels : April 30, 2017
 - Projectile : April 30, 2017

H: Student’s Achievements

- Priyanka Joshi, Ph.D. scholar presented a paper titled “Optimization of Kerf Geometry during Nd: YAG Laser Cutting of Thin Aluminum Alloy Sheet” 32nd M.P. Young Scientist Congress, MPCST, Bhopal, March 10-11, 2017.
- Shailendra Kumar, Ph.D. scholar presented a paper titled “Simulation of Tool Chatter in Turning Process”, 32nd M.P. Young Scientist Congress, MPCST, Bhopal, March 10-11, 2017.
- Yogesh Shrivastava, Ph.D. scholar presented a paper titled “Analysis of chatter in turning using ensemble empirical mode decomposition”, 32nd M.P. Young Scientist Congress, MPCST, Bhopal, March 10-11, 2017.

CHEMISTRY

A: Publications In Journals

- Ravi Ranjan, Sunil Kumar Srivastava and A.L. Ramanathan, “An assessment of hydrogeochemistry of two wetlands located in Bihar State in subtropical climatic zone of India”. Journal of Environmental Earth Sciences, Vol. 76, No. 1, pp. 1-19, 2017.



**Address by Mr. Anil Jain,
Vice President, ORACLE
USA, on July 05, 2017.**

B: Conference/Seminar/Workshop Participated

- Dr. Rashmi Tyagi participated in AICTE sponsored, QIP Short Term Course on “Recent advances in waste water treatment (RAWT-2017)” conducted by Department of Chemical Engineering & Technology, IIT (BHU) at IIT (BHU) during June 26-30, 2017.

C: Ph.D. Awarded

- Ph.D. degree was awarded to Mrs. Vinayika Singh by the university for her thesis entitled, “Studies on the Spacer Effect on the Surface, Fluorescence and Performance Properties of Synthesized Bis-Sulfo Succinate Gemini Surfactants” under the supervision of Dr. Rashmi Tyagi in the month of June, 2017.
- Ph.D. degree was awarded to Mrs. Kanchan Sharma by the university for her thesis entitled, “Development of Titanium based Post-metallocene catalytic systems for Aquous Emulsion Polymerization”, under the supervision of Dr. Sudip Kumar De in the month of June 2017.

D: BOS Meeting

- Sixth meeting of the Department’s BOS was held on May 17, 2017.

HUMANITIES AND SOCIAL SCIENCES

A: Publications In Journals

- Abhishek Shukla and Rajeev Srivastava, “Influence of Ethical Ideology on Job stress’, Asian Journal Business Ethics, Vol. 6, No. 10, pp. No. 1-22, 2017.
- Shekhar Singh and Sandeep Srivastava, “The effect of shopping platform and product type on antecedents of online consumer behaviour – A proposed framework’, IOSR Journal of Humanities And Social Science, Vol. 22, No. 6, pp. 73-83, June 2017.
- Tanmay Pant and Rajeev Srivastava, “Anomalies Within the Distribution Mix of ICICI Prudential & SBI Life: Typical Representatives of Bank Originated Life Insurance Firms”, Apeejay-Journal of Management Sciences and Technology, Vol. 4, No. 2, pp. 61-72, 2017.
- Tanmay Pant and Rajeev Srivastava, “Distribution mix paradox of Private Bank originated Life Insurance entities in India: the intriguing case of ICICI Prudential and HDFC Life”, Journal of Insurance and Financial Management, Ontario, Vol. 3, No. 1, pp 54-65, 2017.
- Tanmay Pant and Rajeev Srivastava, “Distribution conundrum of bank originated life insurance firms in India: the compelling case of SBI Life and HDFC Life”, Bimaquest–Journal of National Insurance Academy, Vol. 17, No. 1, pp 06-16, 2017.

B: Conference/Seminar/Workshop Participated

- Dr. Sandeep Srivastava delivered lecture on “Role of teacher in developing research aptitude and motivation for entrepreneurial ventures” in a two week AICTE QIP sponsored short term course on ‘Quality Enhancement of Teaching-Learning Processes’, organized by MITS, Gwalior on March 08, 2017.
- Dr. Kamini Bhasin delivered a guest lecture titled “English as the most widespread language in the world” in Gurukul Engineering College, Kota on June 19, 2017.

C: Conference/Seminar/Workshop Organized

- The Department organized a workshop by Advait foundation, on “Building upon positive attitude & enhancing motivational level” for B.Tech VI semester students at JUET, Guna during April 01- 02, 2017.

D: BOS Meeting

- Seventh BOS meeting of the Department was held on May 18, 2017. Prof. Dr. Shivaraj Bohr (GAIL, Vijaiapur) participated as external member.

MATHEMATICS

A: Publications In Journals

- Rishi Kumar Pandey and Hradyesk Kumar Mishra, “Semi-Analytic Numerical Method For Solution Of Time-Space Fractional Heat And Wave Type Equations With Variable Coefficients, Open Physics, Vol. 15, pp. 74–86, 2017.
- D.K. Sharma and Sonali Saxena, “Generalized Coding Theorem with Different Source Coding Schemes”, International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 5, No. 6, pp. 253-257, 2017.

B: Conference/Seminar/Workshop Participated

- Dr B. R. Gupta attended a national workshop on MATLAB Application in Science & Engineering organized by Department of Electronics & Communication Engineering, JUET, Guna during February 11-12, 2017.

C: BOS Meeting

- Seventh BOS meeting of the Department was held on May 19, 2017.



**Dr. Gopalji Sinha
Advisor- Academy for
skill Development-Essar
Group, interacting with
students on April 10,
2017**



Six Ph.D. degrees awarded from February to July, 2017

Departments	No. of Ph.D Awarded
CHE	1
CSE	1
ECE	1
CHY	2
MATHS	1



Mr. Manu Kuchhal, Lead Solution Architect, IBM discussing with Vice Chancellor of University

D: Ph.D. Awarded

- Ph.D. degree was awarded to Mr. Ram Kishun Lodhi by the university for his thesis entitled "Spline Techniques for Numerical Solution of Singular Perturbation Boundary Value Problems" under the supervision of Dr. H.K. Mishra on July 21, 2017.

PHYSICS

A: Publications In Journals

- Anuj Kumar and Mahesh Pal Singh Yadav, "Computational studies of third-order nonlinear optical properties of Pyridine derivative 2-Aminopyridinium p- Toluenesulfonate crystal," Pramana, Vol. 89, No. 7, 2017.
- Anuj Kumar and Mahesh Pal Singh Yadav, "Quantum Chemical Computation by DFT Application of NLO Molecule 2-Aminopyridinium p-Toluenesulfonate," Pramana, Vol. 89, No. 18, 2017.

B: Student's Achievements

- Mahendra Singh Yadav and S. K. Tripathi, "Synthesis and characterization of nanocomposite NiO/activated charcoal electrodes for supercapacitor application", Ionics First Online: 10 March, 2017, DOI: 10.1007/s11581-017-2026-9.
- Mukta Tripathi and S.K. Tripathi,"Electrical studies on ionic liquid-based gel polymer electrolyte for its application in EDLCs" Ionics, First Online: 20 March, 2017, doi:10.1007/s11581-017-2051-8.

C: BOS Meeting

- BOS meeting of the Department was held on May 18, 2017. Prof. D. K. Rai (JIIT, Noida) participated as external member.

FACULTY OF MATHEMATICAL SCIENCES

- Dr. Deepshikha Tiwari has now appointed as the faculty member of Faculty of Mathematical sciences (earlier she was in department of Computer Science & Engineering).

A: Conference/Seminar/Workshop Participated

- Prof. Vipin Tyagi attended and chaired a session during 1st International Conference on Smart Systems, Innovation and Computing (SSIC – 2017) at Manipal University, Jaipur during 15th and 16th April, 2017
- Prof. Vipin Tyagi attended and chaired a session at Intl. Conference on Computational Intelligence, Communications and Business Analytics (CICBA-2017) at Kolkata during March 24-25, 2017.
- Prof. Vipin Tyagi attended and chaired a session at Intl. Conference Indiacomm at Bharti Vidapeeth, Delhi at Kolkata during March 1-2, 2017.
- Prof. Vipin Tyagi chaired a session and delivered an invited talk at International Conference on Recent Advancement in Computer & Communication (ICRAC-2017) during May 26-27, 2017.
- Dr. Deepshikha Tiwari chaired a session in International Conference on Recent Advancement in Computer and Communication held at Technocrats Group of Institutes, Bhopal during May 26-27, 2017.

FACULTY OF SCIENCES

- Dr. Santosh Bobade (earlier in Department of Physics) & Dr. S. R. Pandey (earlier in Department of Chemistry) have now been shifted to the Faculty of Sciences.

TRAINING AND PLACEMENT

- More than 60 companies including Amazon, Ola Cabs ,Infosys, Cognizant, Wipro, APAC, Indian Navy, E&Y, Adani Wilmar, Jaypee Group, Nirma Ltd., Code Brew, Yacca Pharmaceuticals(P) Ltd., Zycus, SAP Labs, NTT Data, NIIT, Samsung R&D, JMC-Kalpataru Group, IBM, Ericsson, Darwin Labs, Maxim Labs, Rudra Buildwell, Yamaha Motor Solutions, Cofee Day Beverges, Exicom Telesystems Ltd. have visited the campus for 2017 batch recruitment process. CSE student Priyeshu Garg has been offered with package of 11 Lakhs/PA from Ola Cabs.

S.No.	Company Name	No. of Students (offered job)
1.	Infosys	75
2.	Wipro	28
3.	Cognizant	22
4.	Ericsson	22
5.	Adani Wilmar	6
6.	Nirma Ltd.	3
7.	JMC Kalpataryu Group	2
8.	IBM	2

- Mr. Rahul Gupta, Department Manager, Valdel Engineering and Constructors delivered a talk on "Success Mantra", to all the students on February 11, 2017.

The expert in anything was once a beginner.

- Mr. Anurag Srivastava, HR Head, CEBS, delivered an informative lecture on “Career Guidance and Interview Skills” to 3rd and 4th year students on February 27, 2017.
- Mr. D. K. Srivastava, Director, SAI (UK) Limited, given a talk on “Career Guidance” to 3rd and 4th year students on March 6, 2017.
- Mrs. Aparna Joshi, Technical Consultant, Freelancer talked on “Fun Analytics” to all the students on March 08, 2017.
- Mrs. Vinay Ashok Jirgale, Technical Consultant, Freelancer conducted informative session on “What to learn during Engineering Degree Course” to all the students on March 08, 2017.
- Mrs. Neha Rajoria, Trainer, Advait Foundation inspired 3rd year students by her talk on “Building upon Positive Attitude and Enhancing Motivation” on April 01, 2017.
- Mr. Joydeep Bhattacharya, Trainer, Advait Foundation discussed on “Building upon Positive Attitude and Enhancing Motivation” to 3rd year students on April 02, 2017.
- Dr. Gopal Sinha, Advisor-Academy for skill development, Essar Group motivated 3rd and 4th year students by a lecture entitled, “Career Guidance and Motivation” to on April 10, 2017.
- Dr. Shivani Kapoor, Professional Trainer, NDIM conducted a lively session to 3rd and 4th year students on topic, “Training Session of Group Discussion and Personal Interview” during April 15-16, 2017.
- Mr. Manu Kuchhal, Lead Solution Architect, IBM discussed “Business Intelligence/Latest Technologies and challenges in IT Industry” with 3rd year students on April 29, 2017.
- Mr. Yashraj Nayak, Technical Consultant, Microsoft Technical Centre interacted with 3rd year students during “Microsoft Workshop” on April 29, 2017.
- Mr. Parmeet Singh, Software Engineer, Hotwax Systems, given a lecture to 3rd year students during “Android Workshop” on April 29, 2017.
- Mr. Prsheel Soni, Software Engineer, Hotwax Systems has also delivered a lecture to 3rd year students during “Android Workshop” on April 30, 2017.

JUET YOUTH CLUB (JYC)

- Following activities have been conducted by various wings of JYC:

JYC Jointly

D'Equinox 2017 : March 04-05, 2017

Sports Wing

Inter Departmental Sports Meet : April 01- 03, 2017

Literary Wing

Jaypee Youth Parliament : April 22- 23, 2017

Cultural Wing

Adios - Farewell : May 31, 2017

LEARNING RESOURCE CENTRE (LRC)

- LRC has started a Book Bank scheme for the first year students. A set of 5 books is issued to all students for full semester at no cost.
- Four hundred volumes of books, two hundred fifty seven project reports, one hundred one bound volumes of Journals and 13 Ph.D. theses have been added.
- Bulk WhatsApp message service has been subscribed for the quick updates of LRC activities among the users.

SUPERANNUATION

- Dr. Shri Krishna Agrawal, Professor, Mechanical Engineering Department superannuated in May, 2107.
- Dr. Narendra Nath Dutta, Professor, Chemical Engineering Department superannuated in June, 2107.

PROMOTIONS AND APPOINTMENTS

- Dr Sanat Agrawal, Professor, MEC, was nominated as Controller of Examinations from May 01, 2017.
- Dr. Pramod Kumar Mishra joined as Professor and nominated as Head of the Department on June 27, 2017 of Mechanical Engineering.
- Dr. Satyendra Singh Chouhan joined as Assistant Professor (G-II) in the Department of Computer Science and Engineering on July 18, 2017.
- Dr. Sandeep Srivastava nominated as HOD of Department of Humanities and Social Sciences.
- Dr. H.K. Mishra nominated as HOD of Department of Mathematics.