



Message from Sri P.K.Thipperudrappa, President, Kalpataru Vidya Samsthe, Tiptur

I am very happy to present this Newsletter which is most useful in providing information to the students and faculty members about the recent important developments that have materialized in the institute. A newly elected body of Kalpataru Vidya Samsthe is in place under my Presidency and is very enthusiastic to effect necessary changes that can ameliorate the current academic atmosphere for the better. I can assure you that much more developments will happen in administration and academics this year onwards. The editorial team has evinced a lot of interest to collect and collate information from every individual department and made a sincere effort at bringing out a useful Newsletter. I wish them good luck for their strenuous efforts.

Message from Dr.S.V. Rajashekararadhya, Principal

I am very delighted to present this Newsletter which offers information on the activities that were conducted on the campus in the recent past. KIT has successfully completed 28 years of selfless service in the field of academics and celebrated its Silver Jubilee in the year 2013. Two more AICTE approved Post Graduate courses – M.Tech in Computer Network Engineering and M.Tech in Machine Design have been started this year in addition to the existing ones M.Tech in computer science and engineering and M.Tech in VLSI Design and Embedded system.



EDITORIAL:

We at the editors' desk take immense pleasure in presenting this News Letter of our college. Kalpataru Institute of Technology has successfully completed its 28 meaningful years of dedicated service in the technical education. The Institute celebrated its silver jubilee in the year 2013. Considerable progress has taken place in our Institute in the period between that of the last Newsletter and this year's, which have been sincerely highlighted in this edition. Achievements in the field of academics and Non-academics by the students and the faculty are very encouraging and have been given due importance in this edition.

protocol for quality of service' in the National Conference on 'REVAMP 13' held at Reva Institute of Technology, Bangalore

- ❖ Ramyashree H.S, Shubha S S, Shruthi B.S, Smitha A and Vidyashree G have presented a paper on 'Traceback Of DDOS Attack Using Entropy Variation' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Sachin Siddappa, Shamid Ali, Vikas B.O and Vikas Kumar, have presented a paper on 'Cloud Computing Security from Single to Multi' in the National Conference on 'Project open House panorama -13' held at RNSIT, Bangalore on 6th May, 2013
- ❖ Sharath Kumar K G, Dakshaini H.V, have presented a paper on 'Three Layer Model For Realization of Multi-Dimensional Evaluation Framework In Public Transport Planning' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Hiteesh Kumar J.H, has presented a paper on 'Open ERP Solution For Business Applications, in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Pooja Prasad, and Vasavi C.G have presented a paper on 'Security Risks Associated With Cloud Computing' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Bindu S V and Raghavendra M R, have presented a paper on 'Transport Plan Domain Specific Component For Three-Tired Application' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Bhavya S P has presented a paper on 'Open ERP Solution For Business Applications' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur
- ❖ Divya C M and Jayashree B L, have presented a paper on 'Combining cryptographic primitives in preventing jamming attacks in wireless network' in the National Conference on 'TECHNICA-2013' held at AIT, Tumkur

have participated in the National Level Paper Presentation TECHNIKA-2013 held at AIT, Tumkur

- ❖ Teja and Ankitha. P, participated in the workshop on "Ethical - Hacking" held at T. John Institute of Technology, Bangalore during 9th and 10th of April 2013.
- ❖ Yateesh K R, Participated in the cultural event 'Halcyon 2013' in the Creative Photography held at SIT Tumkur.
- ❖ M A Raghavendra, Gowthami and Sahana K S, participated in the cultural event 'Halcyon 2013' in Choreography held at SIT Tumkur.
- ❖ Kunal Kumar Singh, participated in the regional finals of the statewide 'Engineering IT Quiz TCS TECH BYTES' organized by the board of BITES and Tata Consultancy Services on 28th March 2013 and secured 2nd Place, and won the cash Prize of 4000/-.
- ❖ Shrivatsa D Perur, participated in the cultural event Halcyon 2013 and secured 1st place in the Classical Instrumental Solo held at SIT Tumkur.
- ❖ Shrivatsa D Perur, Participated in the Workshop on 'Web Development', held at IIT Mumbai on January 2013.

Department of Electronics and Communication

Engineering

- ❖ Rashmi Patil H R, Sumana Sathyanarayana, Krupa D P, Anitha B T, Pooja M.V and Spoorthi N Jadav have attended the National Level Technical Symposium KNEW13 held at CIT, Gubbi on 25/10/2013
- ❖ Nagashree G.R and Sharath C.M attended Cultural & Technical Fest AAKRITI, held at Canara Engineering College, Mangalore on Feb 18-19, 2014
- ❖ Krupa D.P, Gayathri R and Pavankumar H.J have attended the National Level Technical Symposium 'Techzone-2014', held at JNNCE, Shimoga on March 7-9, 2014.
- ❖ Pallavi K P, Monika B.S, Prajwal T.D, Swathi K and Pavankumar H J have attended the Technical Education Quality Improvement Programme (TEQIP-II), ENIGMA 2014 held at MCE, Hassan on 13/04/2014
- ❖ Rajathkumar K S, attended the Technical Festival held at IIST, Trivendrum on Mar 21-22, 2014

Department of Information Science and Engineering

- ❖ Kuldeep N B and Yatheesh K R participated in the 10 Days Workshop on 'Cracking the Programming Interview' held at IIT Mumbai during 4th to 15th January 2014.
- ❖ Syed Mohammed Rahe, Participated in the three days Workshop on Web 2.0 & Rich Internet Applications, held at SIT Tumkur during on 20th to 22nd February, 2014.
- ❖ Arpitha K N, Harshitha M, Arpitha H C and Bedre Priyanka,

EDITORIAL BOARD

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Mrs Deepthi Amith, Asst Professor and Head, MBA

Book-Post

To,

ACTIVITES

Seminar Organized/Conducted

1. Welcome to Freshers and the inauguration of orientation programme for 2012-13 was organized on Sept 3rd, 2012. Dr R Natarajan, Former Chairman, AICTE and Former Director IIT, Madras was the chief guest.
2. VTU inter-Collegiate Bangalore North-South Zone Kabaddi Tournament (MEN) was held on Sept 04, 2012. Sri B.C.Ramesh Indian Captain Kabaddi 'Arjun and Ekalavya Awardee' was the chief guest.
3. Department of Electronics and Communication Engineering has successfully organized National Level Technical Symposium on Oct 19-20th, 2012.
4. Library and Information Centre organized a workshop on 'Effective Utilization of IEEEExplore Digital Library on Nov 7th, 2012. Mr Dhanu Pattanashetti, IEEE Client Service Manager was the resource person
5. At Home-Farewell to final year out going students was successfully organized on May 5th, 2013.
6. Welcome to Freshers 2013-14 and Felicitation to toppers function was organized on Sept 30th, 2013 Dr.Shankar Mahadev Bidari, Former DG and IGP of Karnataka was the chief guest
7. VTU Inter-Collegiate Bangalore North Zone Volley Ball Tournament (MEN) was organized on 13-03-2103. Sri Balaji Prabhu, Former International Player and Referee was the chief guest.
8. Kalpotsav 2014 Namma Habba college fest was successfully organized on May 12-14th, 2014.



9. Department of Mechanical Engineering organized National Level Technical Symposium "MECH-MASTIC 2K13" for paper presentation on 27th and 28th September 2013.

10. Department of Mechanical Engineering has conducted a one day seminar on "Awareness programme on CATIA, Hyper Mesh, ANSYS etc." on 7th August 2013. Mr. Venkatesh N, Faculty of Design software, Sri Manjunatha Design Soln. Bangalore were the resource persons.
11. Department of Mechanical Engineering organized a one day seminar on "Awareness programme on Pro-E, CATIA, Hyper Mesh, ANSYS etc." on 26th August 2013. Mr. Keshavmurthy R.K. and experts from CAD Engg. EDUCADD Solution, Tumkur, conducted the seminar.
12. Department of Mechanical Engineering has inaugurated MEA on 27-28th September 2013.
13. Department of Mechanical Engineering has conducted a one day seminar on "Awareness programme on CAD/CAM/CAE &PTC" on 10th February 2014. Mr. Stephen, Marketing Manager, Mr. Porthasarathy, Technical Associate, Mr. Ajay, Technical Engineer of New Generation, Bangalore were the resource persons.
14. Department of Mechanical Engineering has conducted a one day seminar on "FDP programme on Solid Works" on February 11th 2014. Mr. Rajesh S.H., Assistant Manager-BD, Core CAD Technologies Pvt. Ltd., Bangalore was the resource person.
15. Department of Mechanical Engineering has successfully organized the CADD competition on 18th February 2014, conducted by the CADD CENTER TRAINING SERVICES, Maharaja Square, Above Domino's Pizza, Tumkur.
16. Library and Information Centre has successfully organized two days National Conference on 'Contemporary Engineering Colleges Libraries: Challenges and Prospects' on Jan 10-11th, 2014
17. Department of MBA has successfully organized 'Margadarshi-2014' for MBA Entrance Exam coaching for CMAT/KMAT/VMAT on 6th Feb, 2014.



Bangalore,INDIA,pp.30-35,January 8-10th, 2014 (IEEE CPS Computer Society Publication).

Research Publications

Department of Mechanical Engineering

- * Viswanatha,B.M., Prasanna Kumar,M., Basavarajappa,S., Kiran,T.S., have published a paper on "Effect of Ageing on Dry Sliding wear behavior of Al-MMC for Disc Brake", Tribology in Industry, Vol.36, No-1, 2014.
- * Viswanatha,B.M., Prasanna Kumar,M., Basavarajappa,S., Kiran,T.S., have published a paper on "Effect of Ageing on Dry Sliding wear behavior of Al-MMC for Disc Brake", Tribology in Industry, Vol.36, No-1, 2014.
- * Kiran,T.S., Prasanna Kumar,M., Basavarajappa,S., Viswanatha,B.M., have published a paper on " Effect of Heat Treatment on Tribological Behavior of Zinc Aluminum Alloy Reinforced With Graphite And SiC Particles for Journal Bearing", Industrial Lubrication and Tribology, Issue 4 in 2015.

Department of Electronics and Communication Engineering

- * Dr. S. V. Rajashekararadhya., Principal has published a paper on 'A Comparative Study of Pixel Based Supervised Classification and Fuzzy-Supervised classification over Area around Mysore District, International Journal of Current Engineering and Technology, 2013, pp.1214-1219,
- * B N Aravind. Asst.Professor, has published a paper on ' Image denoising; A DAMRF model', 5th IEEE International Conference on Signal & Image Processing, BNMIT

- * B.N.Aravind., Asst.Professor, has published a paper on 'Image denoising Methods; A comparison', International Conference on Emerging Computations & Information Technologies(ICECIT2013), SIT Tumkur, Karnataka, INDIA, pp.18-27,November 22-23,2013(Elsevier Publication)
- * B Srinivasulu Reddy. Lecturer has published a paper on 'Intelligent Security system for Industries Using GPS, in IJARCSST Jan-Mar, 2014.
- * Anand U. Hiremath and Sunil Kumar K M., Lecturers, have published a paper on 'Image Encryption using Modified 4 out of 8 code & CHOATIC map in International Journal of Computer Applications, Vol.74 No.11.pp1-6, July 2013
- * Vinay N.A, Lecturer, has published a paper on 'An Active Contour Method for MR Image Segmentation of ACL,Fifth International Conference on "Signal & Image Processing", BNMIT, Bangalore, January 8-10, 2014
- * Vinay N.A., Lecturer, has presented a paper on 'Implementation of Active Contours with Selective Binary and Gaussian Filtering Regularized Level Set Method, ICECIT 2013, SIT Tumkur, Karnataka, INDIA, on November 22-23rd,2013
- * Vinay H C, Lecturer, has published a paper on ' An Active Contour Method for MR Image Segmentation of ACL,in the Fifth International Conference on "Signal & Image Processing", BNMIT, Bangalore, January 8-10th, 2014
- * Vinay H.C. Lecturer, has published a paper on '

Implementation of Active Contours with Selective Binary and Gaussian Filtering Regularized Level Set Method, ICECIT 2013, held at SIT Tumkur, on November 22-23rd,2013

* Nandeesh G.S and K.M.Sunil Kumar, Lecturers have published a paper on 'Intelligent Security System for Industries by using GPS & GSM- in IJARCSST, Jan- March 2014.

ECEA Activities

- ❖ **Guest Lectures :** Shashi Executive Director from AKSHAYAKALPA addressed the students and staff, explained the importance of student life, administration techniques and importance of Alumni on 12-05-2013
- ❖ Prof. Bhrath Kumar, SSIT, Tumkur addressed the fourth semester EC students and explored the importance of the subject FIELD THEORY, on 26-09-2013

- ❖ **ECEA Inaugural Ceremony.** Anantha Somayaji CEO, UNIQVAL, Bangalore and Mr. Raveendra Technical Director, UNIQVAL, Bangalore presided over the function on 04-09-2013
- ❖ **Technical Speech:** Anantha Somayaji CEO, UNIQVAL, BENGALURU delivered the Technical Speech on CURRENT INDUSTRY AND EMPLOYMENT on 04-09-2013

Department of Mathematics

- ❖ Charantimath, R.G., has published a paper on "Some Generalized Continuous Functions VIA Generalized Semipre-Open Sets", International Journal of Mathematics and Computing Applications; Vol.4, Nos.2July-December 2012, pp 119-124.
- ❖ Charantimath, R.G., has published a paper on " Some Contra Generalized Open Functions VIA gsp Open Sets" IJECMS Vol.3,Nos.1,Jan- June-2012 pp 23-28.
- ❖ Charantimath, R.G., has published a paper on " Some More Properties of gsp - Closed Sets in Topology", In AJMS Vol.2, Nos.1 January 2013 pp 193-199.
- ❖ Charantimath, R.G., has published a paper on " Some More Properties of gsp - Closed Sets in Topology", In AJMS Vol.2, Nos.1 January 2013 pp 163-169.

- ❖ Charantimath, R.G., has presented and published a paper on Presented a paper entitled "Some Generalized Continuous Functions VIA Generalized Semipre-Open Sets", organized by Serial publications in 1st International Conference on Mathematics and Mathematical Sciences, New Delhi, India, on 7-8th July, 2012.
- ❖ Charantimath, R.G., Presented and published a paper entitled " Some More Properties of gsp - Closed Sets in Topology", organized by Mind Reader publications in 2nd International conference on Mathematical Sciences and applications, New Delhi ,India, on 16th December 2012.
- ❖ Charantimath, R.G., Presented a paper entitled " Some More Properties of gsp - Closed Sets in Topology", organized by Reva Institute of Technology and Management, Bangalore - 64 in National conference on Analysis and Applications

Department of Computer Science and Engineering

- ❖ Anitha C.L. Asst Professor, presented a paper on ' Architectural Models for Data Aggregation in Wireless Sensor Networks: A Survey in International Conference of Engineering Computation & information Technologies, held at SIT,Tumkur, on 23rd November 2013
- ❖ Divya Shree H.L Lecturer, presented a paper on' Extending the Lifetime of Wireless Sensor Networks by Adjusting the Node Density Near the Base Station, in the conference of "Recent Trends in Computer Science and Engineering, held on 4th May 2013
- ❖ Sanjay Kumar N V, Asst. Professor, presented a paper on 'An Image Compression Algorithm Based On Block Optimization And Byte Compression, FIRST PLACE, Technika-2014, held at AIT, Tumkur on 29-04-14
- ❖ Ananda Babu J, Lecturer, presented a paper on 'Fast Recovery from Single Link Failures in Ethernet Networks, Technika-2014, National Level Technical Paper Presentation, held at Akshaya Institute of Technology, Tumkur, on 29-04-2014
- ❖ Kusuma R. Lecturer, presented a paper on 'Attractive Presentation of User Authentication Protocol with Resist to Password Stealing and Reuse Attacks, in Technika- 2014

National Level Technical Paper Presentation, held at Akshaya Institute of Technology, Tumkur, on 29-04-2014

- ❖ Kusuma R. Lecturer, presented a paper on ' Supporting Efficient and Scalable Multicasting over Mobile Ad hoc Networks, Technika-2014 National Level Technical Paper Presentation, held at Akshaya Institute of Technology, Tumkur, on 29-04-2014
- ❖ Kusuma R, Lecturer, presented a paper on 'Three Layer Model For Realization of Multi-Dimensional Evaluation Framework In Public Transport Planning, National Level Technical Paper Presentation, Technika-2014, held at Akshaya Institute of Technology, Tumkur, on 29-04-2014
- ❖ Dr.Y P Gowramma, Professor presented a paper on 'Vehicle tracking using Android., NCMCTS -2014, held at MCE, Hassan, on 5th, 6th May 2014
- ❖ Dr.Y.P.Gowramma, Professor presented a paper on 'Human identification using multimodal Biometrics using iris, ear, face and giat , held at MCE, Hassan, on 5th, 6th May 2014
- ❖ Dr.Y P Gowramma, Professor presented a paper on 'Skin diseases detection using curve lets, in National Conference on RAITS held at REC, Bhalki on May 3-4, 2014

Department of Information Science and Engineering

- ❖ Balaji Prabhu B V, Lecturer, published a paper on " PSNR Analysis of MDC Based Video Streaming Over Peer-To-peer

Networks" in International Journal of Engineering Sciences and Research Publications, Volume 3, Issue 9, September 2013.

- ❖ Balaji Prabhu B V, Lecturer, published a paper on "Study of

causes and Issues of Big-Data" in International Journal of Engineering Sciences and Research Technology, 28th February 2014.

❖ Divya C, Lecturer, presented a paper on "Automated

Localization of Optic Disc and Blood Vessels Extraction in Retinal Image" in International conference "ERCICA 2013" Elsevier Publication, August 2-3,2013, held at NMIT, Bangalore. (Page no: 286 – 290

University, Tumkur, on 25th Feb, 2012, PP-22, pp 49.

Department of Chemistry

❖ H. N. Chandrakala, Asst.Professor has published a paper on "The Influence of zinc oxide-cerium oxide nanoparticles on the structural characteristics and electrical properties of polyvinyl alcohol films", J. Mater. Sci., 47, 2012, pp 8076-8084. (Springer publications, Impact factor: 2.61)

❖ H. N. Chandrakala, Asst.Professor has published a paper on "Investigation on the influence of sodium zirconate nanoparticles (Na₂ZrO₃) on the structural characteristics and electrical properties of polyvinyl alcohol nanocomposite films", J. Alloy. Compd., 551, 2013, pp 531-538. (Elsevier publications, Impact factor: 2.161)

❖ H. N. Chandrakala, Asst.Professor has published a paper on "Preparation of polyvinyl alcohol – lithium zirconate nanocomposite films and analysis of transmission, absorption, emission features and electrical properties", J. Phys. Chem. C., 117, 2013, pp 4771- 4781. (ACS Publications, Impact factor: 4.814)

❖ H. N. Chandrakala, Asst.Professor has published the paper on "Polyvinyl alcohol/carbon coated zinc oxide nanocomposites: Electrical, optical, structural and morphological characteristics", J. Alloy. Compd., 580, 2013, pp 392- 400. (Elsevier publications, Impact factor: 2.161)

❖ H. N. Chandrakala, Asst.Professor has published a paper on "Optical properties and structural characteristics of zinc oxide-cerium oxide doped polyvinyl alcohol films", J. Alloy. Compd., 586, 2014, pp 333-342. (Elsevier publications, Impact factor: 2.390)

❖ H. N. Chandrakala, Asst.Professor has published a paper on "Influence of lithiumpotassium zirconate nanoparticles on the electrical properties and structural characteristics of poly(vinyl alcohol)films", J. Phys. Chem. Solids, 75, 2014, pp 252-258. (Elsevier publications, Impact factor: 1.527)

❖ H. N. Chandrakala, Asst.Professor has presented a paper on nano Li₂ZrO₃ incorporated PVA/PVP nano composites, in the Natl. Conf., on Green and Sustainable Chemistry, Tumkur

❖ H. N. Chandrakala, Asst.Professor has participated and presented a paper on Experimental investigation on the influence of lithium potassium zirconate (LiKZrO₃) on optical and dielectric properties of polyvinyl alcohol nanocomposites, Natl. Sem. on Advances in Polymeric Materials, Anantapur, Andhra Pradesh, on 16th – 17th March, 2012, OP-19, pp 56.

❖ H. N. Chandrakala, Asst.Professor has presented a paper on nano carboncoated-ZnO incorporated polyvinyl alcohol nanocomposites, Natl. Conf., on Emerging Trends in Materials for Adv. Technology, KVG College of Engg., Sullia, Dhakshina Kannada, on 20th - 21st March, 2012, OP-204, pp 8.

❖ H. N. Chandrakala, Asst.Professor has presented a paper on optical and dielectric behaviors of PVA/Li₂ZrO₃ nanocomposites, in the Intl. Conf., on Recent Trends in Material Science (RAMS), Karnataka State Higher Education Council, Bangalore, on 6th – 8th Nov., 2012, pp 92.

❖ H. N. Chandrakala, Asst.Professor has presented a paper on thermal and dielectric behavior of lithium potassium zirconate reinforced polyvinyl alcohol nanocomposites, Intl. Conf. on Recent Advances in Material Science & Technology (ICRAMST) held at NITK, Surathkal, Mangalore, on 17th – 19th Jan., 2013, pp 65.

❖ H. N. Chandrakala, Asst.Professor has presented a paper on Microcrystalline behaviours of polyvinyl alcohol – Lithium potassium zirconate nanocomposites, in the Indo-Canadian Symp. on Nano-Sci. and Tech., NIE, Mysore, on 20th -22nd, Feb., 2013, pp105-111.

❖ H.N. Chandrakala, Asst.Professor has presented a paper on opto-electric and microcrystalline behaviors of polyvinyl alcohol/lithium zirconate nanocomposite films, in the All India Seminar on Nanotechnology for Energy, Environment and Health, at The Institution of Engineers (India), Mysore, on 19th-20th, Oct., 2013.

VTU, Belgaum 25-26th May, 2012 pp 140-145 ISBN 9788192469607

Library and Information Centre

❖ Hadagali G S. Kumbhar B.D. Nelogal S. B, and Bachalapur M M have published a paper on. Use of electronic resources by Post-Graduate students in different universities of Karnataka State" IN International Journal of Information Dissemination and Technology (IJIDT), Vol. 2 (3),. 2012, ISSN 2229 5984 p189-195

❖ Bachalapur. M. M has presented & published a paper on. Use of E-Resources at Kalpataru Institute of Technology : A Survey Proceedings in the National Conference on Trends in Developing and Managing e-Resources in Libraries.

❖ Bachalapur,M. M and Hadagali, G.S. presented a paper on Use of Information Sources by the Users of Kittur Rani Channamma College of Horticulture, Arabhavi (Karnataka) : A Study, Proceedings in the National Conference on Libraries and development: Present and Future, KALA, Shraavanabelagola, June 7-9, 2012

❖ Bachalapur, M .M and Hadagali, G.S. presented and published a paper on SWOT analysis of Engineering College Libraries of

Karnataka State, Proceedings in the National Conference on Redefining Libraries in the Electronic age, held at VTU, Belgaum on 20-21 Dec, 2013 pp 156-161, ISBN 9789350677063

❖ Tadasad, P.G, Bachalapur, M.M presented and published a paper on Contemporary Engineering College Libraries: Problems and Prospects, Proceedings in the National Conference on Contemporary Engineering College Libraries : Challenges and Prospects. KIT, Tiptur on Jan

Publication by KIT

❖ Contemporary Engineering College Libraries: Challenges and Prospects. Proceedings of National Conference organized by Kalpataru Institute of Technology, Tiptur held on Jan 10-11th, 2014 edited by M.M.Bachalapur, P.G.Tadasad and G.S.Hadagali

Post Graduate Department of Management Studies

❖ Deepthi Amith and Shekhara Gowd Mitta, have published a paper on "Work life balance of working Women in Garment Industries" with reference to Bengaluru, Karnataka in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Deepthi Amith , Asst.Professor has published a paper on 'Impact of Different Self Help Groups (SHG's) for Women Empowerment through Microfinance" in Kolar District (Karnataka) in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Deepthi Amith, Devika Rani and Kruthika S Kumar, have published the paper on "Impact of Family Tradition on Women Career / Education" in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Arjun J, Lecturer has published the paper on "Green Shoe options in India" in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shamanth Kumar B U, Lecturer has published a paper on 'Innovative Strategies for Employability international conference at Channagiri, in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shekhara Gowd Mitta, Lecturer has published a paper on "A study on Alcohol Habits of College students in Tumkur District, Karnataka State, India." in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shekhara Gowd Mitta, Lecturer has published a paper on 'Middlemen Problems of Vegetable Markets in with Special reference to Tumkur in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shekhara Gowd Mitta, Lecturer has published a paper on 'Consumer Problems of Vegetable Markets in Tumkur District,

10-11, 2014 pp-1-8, ISBN:9788192866208

❖ Vatnal, R.M. and Bachalapur, M.M have presented and published a paper on. 'Use of Doctoral Thesis as a Source of Information: A Case Study of Researchers of Karnatak University, Dharwad': Changing Faces of Libraries in Digital Era Ed-Prof Tadasad.P.G, in E-book ISBN- 978-93-83090-18-1 KSWU, Bijapur on Mar 6-7, 2014. Pp 123-134

Karnataka State, India, in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shekhara Gowd Mitta, Lecturer has published a paper on 'Marketing Problems of Vegetable Growing Farmers in Tumkur District, Karnataka State, India. in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

❖ Shekhara Gowd Mitta, Lecturer has published a paper on "Application of Vedas to Present modern Management 'in Acme Intellects International Journal of Research in Management ISSN 2320 – 2939 (Print) ISSN 2320-2793 (online)

Research and Development

Staff Achievements

Kalpataru Institute of Technology is very proud to announce that, two faculty members of our institute have been conferred the Degree of Ph.D from Visvesvaraya Technological University, Belgaum. Kalpataru Institute of Technology heartily congratulate them for their great achievement.

❖ Mrs. Gowaramma Y.P, Professor, Department of Computer Science and Engineering has been conferred Ph.D Degree in Faculty of Computer and Information Sciences from VTU, Belgaum in the 13th Annual Convocation held on 20th May, 2014 for her theses 'Development of New Algorithms for Image Correspondence in Dynamic Science Analysis'. She did her work under the supervision of Dr.C.N.Ravikumar, Professor and Head, Dept of CSE, SJCE, Mysore



❖ Mrs. Chandrakala H.N, Asst.Professor, Department of Chemistry has been conferred Ph.D Degree In Chemistry from VTU,Belgaum in the 13th Annual Convocation held on 20th May, 2014 for her theses 'Nano Metal Oxides Incorporated Water Soluble Polymer Nanocomposites'. She did her work under the supervision of Dr.Shivakuamraiah, Principal, Siddaganga Institute of Technology, Tumkur and Dr.Siddaramaiah, Professor, Department of Polymer Science, SJCE, Mysore



Research in Progress
List of Staff registered / Pursuing for Ph.D at various Universities

Sl. No.	Name	Center of Registration / University	Date of Registration	Guide Name	Research Topic
01	B M Vishwanath, Asst.Prof and HOD, Mech	BIET, Davanagere VTU - Belgaum	09-11-2007	Dr. M. Prasanna Kumar, BIET, Davanagere	Development and Characterization of Metal Matrix Composite Material for Automobile disc break system
02	T S Kiran, Asst. Prof, Mech	BIET-Davanagere VTU - Belgaum	28-05-2008	Dr. M.Prasanna Kumar, BIET, Davanagere	Fabrication and Characterization of Metal Matrix Hybrid Composite Material in Journal bearing
03	Kavitha A S, Asst.Prof, ISE	Mysore University	Jan 2012	Dr. G.Hemanth Kumar	Image Processing
05	G D Gurumurthy, Asst.Prof , E&C	Mewar University Chittorgarh, Rajasthan	Oct. 2011	Dr. Rajendra Kumar Das and Dr. H.S Shivaram	Wireless Communication
06	M Suresh, Asst.Prof E&C	JNTU-Hyderabad	August 2008	Dr. Mallikarjun Holi, Professor, BIET, Davanagere	EMG based person identification system
07	M D Rudresh, Asst.Prof, E&C	JNTU-Hyderabad	Oct. 2010	Dr. H.S Jayanna, Professor, SIT, Tumkur and Dr.Anitha Sheela, Professor, Dept of E&C, JNTU, Hyderabad	EMG based Controlling of Devices
08	G S Yogananda, Asst.Prof &Head, E&C	SSIT. Sri Siddartha University-Tumkur	Jan. 2012	Dr. M. Z Kurian SSIT, Tumkur	Image Processing
09	Channabasayya Mathad, Asst.Prof, E&C	JNTU-Hyderabad	10-09-2010	Dr. Paramesh Govt. Engg. College Hassan	Microwave & Antenna
10	B N Aravind, Asst.Prof , E&C	SIT, Tumkur VTU - Belgaum	01-05-2009	Dr. K.V Suresh SIT, Tumkur	Adaptive Image denoising using spatial and transform domain
11	R G Charantimath, Asst.Prof and Head, Maths	Dravidian University, Kuppam (A P)	31-05-2009	Dr. Govindappa Navalagi, Professor, G H College, Haveri	General Topology
12	P V Nirmaladevi, Asst.Prof, Maths	SJBIT-Bangalore VTU - Belgaum	08-12-2011	Dr. Padmaja Venugopal, SJBIT, Bangalore	Celestial Mechanics in lunar Theory
13	Roopa A E, Lecturer, Maths	SIT-Tumkur VTU-Belgaum	01-05-2011	Dr. Prasanna B M R, SIT, Tumkur	Magneto hydro dynamics
15	A M Rajashekharaiiah, PED	Karpagam University Coimbatore	July-2011	Dr. John Pinto	Physical Education
16	Siddalingaprasad T S, Asst.Prof, Mech	SIT-Tumkur VTU-Belagum	Oct-2012	Dr.H. S Shivashankar, SIT, Tumkur	Characterization and Property Evaluation of forged cutting tool for industrial application
17	Basavaraj Ganiger, Asst.Prof, Mech	SSIT. Sri Siddartha University - Tumkur	August 2012	Dr T. B Prasad , SSIT, Tumkur	Studies on the effect of addition of phosphorous on Micro structure and sliding wear behavior of some commercially available hypereutectic Al-Si alloy at elevated temperature
18	Santhosh Kumar B M, Asst.Prof, Mech	VTU-Belgaum	Oct.-2012	Dr. Girish D P Professor, Govt, Engineering College, Ramanagar	Development of Mathematical Model for Heat transfer in the open cell metallicrom

19	Hadimani Shivakumar, Asst.Prof, E&C	VTU-Belgaum	Oct-2012	Dr. N M Renukappa, Professor and Scientist, E&C, SJCE, Mysore	Study of Organic High Dielectric Constant Nano Composite Materials for Capacitor and Micro electronics Applications.
20	Ananda Babu J, Lecturer, CSE	VTU-Belgaum	Oct-2012	Dr. Siddaraju, Prof and Head, Dr.AIT, Bangalore	Optimization of Improving of Power Sources Using Ad-HOC Network
21	Gavisiddappa, Asst.Prof, E&C	VTU-Belgaum	October-2013	Dr.M.Shivakumar GSSSIETW,Mysore,	An approach to integration of multiple cue for biometric to improve the accuracy of system
23	Pramod Kumar S, Lecturer, E&C	VTU-Belgaum	October-2013	Dr. Mrityunjaya V Latte, JSSATE, Bangalore	"Study and analysis of medical image segmentation algorithms for lungs"

Dept. of Mechanical Engineering

The following candidates have registered for Ph.D. in the department of Mechanical Engg through Research Centre, KIT, Tiptur

Sl. No.	Research Scholar	Research Topic	Name of the Guide
01	Sri Devappa	"Studies on the minor addition of Ti, B, Cu, Mg and Sr in the form master alloys on the microstructure, Mechanical properties with fracture behavior analysis of near eutectic and eutectic alloys"	Dr. T M Chandrashekharaiiah, Professor, Dept of Mechanical Engineering, KIT
02	Mrs Satya Prema	"Effect of structural modification on the surface roughness and machinability of cast Al-Si alloys and comparing with a statical tool using ANNOVA"	Dr. T M Chandrashekharaiiah, Professor, Dept of Mechanical Engineering, KIT

Department of Electronics and Communication Engineering

The following candidates have registered for Ph.D. in the department of Electronics and Communication Engineering through Regional Research Centre (RRC), VTU, Belgaum

Sl. No.	Research Scholar	Research Topic	Name of the Guide
01	Sri Shivakumar B.R	Study and Analysis of Pixel -Based Classification of Remotely Sensed Data using Different Classifiers	Dr.S.V.Rajashekararadhya, Principal, KIT

Student Achievements

Department of Mechanical Engg

- ❖ The Project entitled "EXTRACTION OF WATER FROM ATMOSPHERIC MOISTURE" was carried out by our students Mr. Praveen Kumar B S, Mr. Thippeswamy J B, Mr. Rudresh M P & Mr. Sandeep G P, under the Guidance of Mr. Nataraj K.H. which was selected for KSCST during 2013-2014.
- ❖ Vishwanath Y Meti, presented a paper on "Solar Energy in 2020" in the National Conference on Recent & Emerging Trend in Mechanical Engineering (RETME-2013), on 10th April 2013, held at Sri Krishna Institute of Technology-Bangalore.
- ❖ Yarlakatti Shivakanta, Raghav M S & Srikanth B G, presented a paper on "Solar Power Sprayer – For Agricultural Sector" in the National conference on Recent & Emerging Trend in Mechanical Engineering (RETME-2013), on 10th April 2013, held at Sri Krishna Institute of Technology-Bangalore.
- ❖ Vijay Kumar L S & Dadapeer M, presented a paper on "Design & Fabrication of Flywheel Tricycle for Physically challenged Persons" in the National conference on Recent & Emerging Trend in Mechanical Engineering (RETME-2013) on 10th April 2013, held at Sri Krishna Institute of Technology-Bangalore.
- ❖ Vijay Kumar L S, presented a paper on "Design & Fabrication of



Flywheel Tricycle for Physically challenged Persons" in the Aero Modeling/Automotive Sketching, 26-27 June 2013, held at NTTF-Bangalore.

- ❖ Ramachandra Vadagave, Ananthakrishna Bhat C S, J Sandeep & Pradeep Patole, made a Technical paper presentation in the National level Technical Symposium (KNEW-2013), On 25th Oct. 2013, held at Channa basaveshwara Institute of Technology-Gubbi.
- ❖ Pandurangappa R & Rajashekar B T, have participated in the Technical paper presentation, "AAKRITI" an intercollegiate cultural & Technical fest, on 18-19th Feb. 2014, held at Canara Engineering College, Benjanapadavu, Mangalore.
- ❖ Nandeesh V.A., Ajith H.P. and Gagan K S, have participated in the Technical competition on the AeroTriX Super challenge and secured " BEST DESIGN" prize organized by AeroTriX in association with Conscientia'14, IIST Trivandrum on 21-22 March, 2014 at BVBCET-Hubli.

Department of Computer Science and Engineering

- ❖ Siri B.S, Smruti Joshi, have presented a paper on 'Role of CERT in cyber crime and security' in the National Conference 'ADVITIYA 13 held at KLE IT, Hubli on 20th March, 2013
- ❖ Siri B.S, Smruti Joshi, have presented a paper on 'MANETS