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# Reflex TKIET

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## ISTE Delegation at TKIET

The ISTE Staff Chapter, ISTE Student Chapter, & the TKIET Community cordially welcomed and felicitated most honored delegates of ISTE, New Delhi on 25<sup>th</sup> Feb. 2012, at the gracious hands of Hon. Shri G. D. Patil, Secretary, SWVSM, Warananagar, Member, Academic Council SUK, Executive Council Member, ISTE, New Delhi. The dignitaries were Hon. Dr. R. Murugesan, President ISTE New Delhi & Vice Chancellor Anna University, Madurai, Hon. Prof. M. A. Kakade, Chairman, ISTE, Maharashtra & Goa Section & Deputy Secretary, MSBTE, Pune, Prof. S. R. Choudhary, Secretary, ISTE, Maharashtra & Goa Section, Prof. P. K. Desai, Vice President ISTE, New Delhi, Prof. P. K. Manivannan, Distinguished Executive Council Member, ISTE, New Delhi, Dean Planning & Development, RMK Engg. College. The short ceremony was anchored by Prof. Mark Monis.



Shree Warana Vibhag Shikshan Mandal's

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## Technical Activities...



Inauguration of 'Visco-Chem' by dignitaries

'Visio-Chem' a National Level Technical Paper Presentation and Project Exhibition were organized by the Chemical Engineering Dept. on 5<sup>th</sup> and 6<sup>th</sup> April 2012. More than 30 technocrats from various surrounding institutes viz., PVPIET, Budhgaon, TKIET, Warananagar, DKTE Ichalkaranji, Dr. D. Y. Patil, Kolhapur, Finolex Institute of Management Ratnagiri, University Dept. of Chemical Technology, Shivaji University Kolhapur, participated and presented their ideas. Technocrats from PVPIT, Budhgaon won the first prize, followed by Dr. D.Y. Patil second prize and TKIET Warananagar won the third prize.

## Chemical Engg. Department



Active participation for the Guest Lecture

The Chemical Engineering Dept. organized an online guest lecture on "Challenges in the field of Chemical Engineering" for S.E., T.E. & B.E. students of the department. Dr. Mohan Rampure Scientist JE, Bangalore a dynamic and inspirational personality was the resource person who guided and motivated the students on the occasion. He also spoke about various career prospects and areas of research in the field of Chemical Engineering. It was actively participated and well appreciated by the students and the faculty.

## Mechanical Engg. Department



Felicitation of Chief Guest by Hon. Shri. G. D. Patil

Mechanical & Chemical Departments jointly organized one week National Workshop on "MATLAB / Scilab & their applications in Mech. & Chem. Engineering" during 8<sup>th</sup> to 12<sup>th</sup> May 2012. The program was inaugurated at the hands of Shri. P. K. Desai, Vice President, ISTE, New Delhi, in the presence of Hon. Shri. G. D. Patil, Secretary, SWVSM, Warananagar. More than forty faculty from different institutes participated in the workshop. Dr. S. V. Anekar, Head of Chemical Dept. & Prof. V. R. Gambhire, Head of Mechanical Dept. were conveners. It was well coordinated and was a great success.



Felicitation of Chief Guest by Dr. S. S. Joshi

'ASCENT 2k12' was successfully organized by Mechanical Department on 17<sup>th</sup> March 2012. It is a university level competition of different events such as Poster Presentation, Movie Making, Debate and Quiz competition. The program was inaugurated at the hands of Shri. Sadanand Pendase, Managing Director, Biltube Industries Limited, Kodoli. More than hundred students from different institutes participated in the program. Prof. M. V. Jadhav and Prof. B. G. Koraval coordinated the event.

## Technical Activities...



Address by Hon. Shri. G. D. Patil, Secretary, SWVSM

EESA had organized State level competition “BATTLE CITY- 2K12” on 15<sup>th</sup> March, 2012 with a grand success. Some of the technical and non-technical events organized on the day were Mock Campus, Quiz Competition, Robo Exhibition, Poster presentation etc. The Inaugural Function was addressed by the chief guest Hon. Shri. G. D. Patil, Secretary Shree Warana Vibhag Shikshan Mandal, Warananagar. A large number of students participated in the event. It was well coordinated by Ms. R. C. Mane, Lecturer Elns (EESA Co-ordinator) Dept.

The Civil Engineering Students’ Association (CESA) had organized a National Level Competition “Milestone 2k12” on 3rd March 2012 for engineering students. This competition comprised of events like Survey Master, Cad War, Paper Presentations, Brain Storm, Block Testing, Master Piece and so on. More than 400 students participated in this competition. The amount of Rs. 5000 /- was distributed among the students as prize money. This event was co-ordinated by Prof. P. R. Jagtap from Civil Engineering Department.

## Computer Science & Engg. Department



Inauguration of the event at the hands of Shri. N. H. Patil

## Electronics Engg. Department



Adjudication of students’ Projects

During the National Level Technical event Eureka Jidnyasa held on 5<sup>th</sup> April, 2012, Paper presentation and Project competition were organized by the Dept. The Events were adjudged by Prof. S. T. Jadhav T&P officer, AMGOI and Prof. P. D. Pange. A large number of institutes took part in this mega event. It was co-ordinated by Miss R.C. Mane, Lecturer Elns & Student co-ordinator, Ankit Parmar.

## Civil Engg. Department



Felicitation of Chief Guest by Hon. Shri. G. D. Patil

Department of Computer Science and Engg. organized a state level event “ZERO-ONE Think Bitwise” in association with ACES [Association for Computer Engineering Students] on 21<sup>st</sup> February 2012. The invited dignitaries were felicitated & welcomed with great pleasure by H.O.D. Prof. D. G. Chougule. The chief guest Hon. Shri N. H. Patil, Chairman Surajya Foundation Warananagar spoke about students' life during the college days also shared some unforgettable memories with the audience. ACES President Mr. Supreet Mangsule gave a short speech about the proceedings of the event.

## Technical Activities...



Dignitaries at “TechnoStorm2k12”

“TechnoStorm2k12” a three days University Level Technical Symposium was organized on 08<sup>th</sup> to 10<sup>th</sup> Feb. 2012 under IIIT Student Association. The events in TechnoStorm were, LAN Gaming, Crazy Poster Presentation & so on. The event was coordinated by Mr. S. R. Shetake and Mr. K. K. Awale with the help of student coordinator Mr. Abhinav Jadhav. Students from various institutes participated in this event. Therefore it was a grand success.

## Information Technology Department



Guest Lecture on “How to improve Technical Skills”

A Guest Lecture on “How to improve Technical Skills” was organized on 17<sup>th</sup> Feb. 2012 by Dr. Vijay Gokhale, from Sunbeam Pune, under IIIT Student Association and ISTE student chapter. The Event was coordinated by Mr. S. H. More, students from SE, TE and BE IT attended this lecture. It really helped the students to become aware of some of the important skills they need to acquire and hence it was highly appreciated by the participants.

## Bio Technology Department



Health Awareness Programme on 'Arogyam Dhanasampada'

Bio Technology Department under BIT's organized a Health Awareness Programme 'Arogyam Dhanasampada' on 14<sup>th</sup> March 2012 at Tatyasaheb Kore Institute of Engineering and Technology in collaboration with Tatyasaheb Kore Dental College, New Pargao. It included Blood Group, Blood Pressure, Hemoglobin, BMI and Dental Check up. Hon'ble Shri. G. D. Patil, Secretary, SWVSM inaugurated the programme. Majority of the students and faculty of TKIET took benefits of the event.



Students at Institute of Horticulture, Bangalore

Biotechnology Students had an industrial visit to Indian Institute of Horticulture and Research (IIHR), Bangalore on 16<sup>th</sup> March 2012. Students had a visit to Pathology labs, Cell culture Labs, Mycology Department etc.. and had interaction and knowledge sharing with staff and also had discussed with regard to ongoing research programmes at IIHR, Bangalore. It was a fruitful experience for the students.

## Annual Gathering

The 29<sup>th</sup> annual social function was held from 27<sup>th</sup> to 29<sup>th</sup> Feb. 2012. The chief co-ordinator was Prof. M.B. Kuppanatti. The main function & prize distribution ceremony was held on 28<sup>th</sup> Feb. 2012 & it was graced by the auspicious presence of renowned personality Hon. Dr. D.H. Rao, Principal & Director, Jain College of Engineering, Belgaum, as the Chief Guest, accompanied by Hon. Shri. Vinayraoji Kore (MLA), President of SWVSM, Hon. Shri. G. D. Patil, Secretary SWVSM, Dr. A. M. Potdar, Principal & Dr. S.S. Joshi, Dr. S.V. Anekar Vice principals. Mr. Pravin D. Ingavale B.E CSE Department was felicitated as the Best Outgoing Student for the academic year 2011 - 2012.



Address by Hon. Shri. G. D. Patil, Secretary SWVSM

## Horizon 2011-12

TKIET is proud to bag two prizes in the University Level Magazine Competition which were presented to us during the felicitation ceremony held on 11<sup>th</sup> April, 2012, by Dr. N. J. Powar, Hon. Vice-Chancellor, Shivaji University Kolhapur. Congratulations to the Editorial team and its contributors.

## Results 2012

Sr.No	Branch	% of Passing May/June -12
1	Civil Engineering	82.85
2	Mechanical Engineering	90.65
3	Electronics Engineering	93.54
4	Computer Science & Engg.	96.52
5	Chemical Engineering	95.23
6	Information Technology	96.05
7	Biotechnology	100.00



Presentation of BOS Award by dignitaries

## Eureka Jidnyasa 2012

'EUREKA-JIDNYASA 2K12' a national level technical symposium was held on 5<sup>th</sup> April 2012 at T.K.I.E.T. Warananagar. Over 400 students from more than 40 colleges in Maharashtra & other states participated in the event. An additional National level Technical competition 'GYAN 2K12' was organized under 'EUREKA-JIDNYASA 2K12' exclusively for First Year Students. It had an overwhelming response with 140 students. The event was inaugurated by Hon. Shri G. D. Patil, Secretary SWVSM, in the presence of Principal, Vice Principal, Registrar and all the Heads of the Departments. The conveners, Prof. G.V. Patil and Prof. V. J. Pachupate actively made the event grand success.



Award by N. J. Powar, Hon. Vice-Chancellor, SUK

## Grants from Central Govt.

- AICTE, New Delhi Sanctioned Rs. 12 lakhs to modernize Metrology and Quality control Lab under the MODROBS scheme for the Mechanical Dept. under the chief coordinator ship of Prof. V R Gambire, Head Mech. Dept.
- AICTE, New Delhi Sanctioned Rs. 8.42 lakhs to modernize Advanced Heat Transfer lab. under the MODROBS scheme for the Chemical Dept. under the chief coordinatorship of Dr. S. V. Anekar, Head Chem Dept.

## Papers Presented in Conferences/Seminars

- **Dr. S.V. Anekar, Prof. K. I. Patil, Prof S. A. Desai, Prof.V.A. Bhosale** - Presented a paper entitled “Comparative study of resin to remove metal ions from waste water” in 'NCETETA 2012' held at DYPCET Kolhapur from 28<sup>th</sup> & 29<sup>th</sup> January 2012.
- **Prof. N. H. Shinde** - Presented a paper entitled “Use of Supported Liquid Membrane for separation of Citric Acid” in 'NCETETA 2012' held at DYPCET, Kolhapur from 28<sup>th</sup> & 29<sup>th</sup> January 2012.
- **Mr. P. J. Patil** - 1) Presented a poster entitled “Effectiveness of Activated carbon for removal of metal iron from aqueous solution” in 'NCETETA 2012' held at DYPCET Kolhapur from 28<sup>th</sup> & 29<sup>th</sup> January 2012.  
2) Presented a paper entitled “Effectiveness of Activated carbon for removal of metal iron from aqueous solution” in 'Green technology 2012' held at Jalgaon. 3) Presented a paper entitled “Removal of Colour of Spent Wash by Activated Charcoal Adsorption and Electrocoagulation” in 'Barthi vidypith, pune.
- **Mr. D. P. Deshpande** - Presented a paper entitled “*Fuels from Algae, A review*” in 'NCETETA 2012' held at DYPCET Kolhapur from 28<sup>th</sup> & 29<sup>th</sup> January 2012.
- **Mr. Y. D. Urunkar** - Presented a paper entitled “*Dye Removal from aq. Solution by using Coconut shell Activated Carbon and its Comparison with CGAC*” in 'NCETETA 2012' held at DYPCET Kolhapur from 28<sup>th</sup> & 29<sup>th</sup> January 2012.
- **Prof. D. G. Chougule** - 1) Presented a Paper entitled “Armed based Implementation of Viterbi Algorithm”, held at IERA in Jan 2012. 2) Presented a Paper entitled “I-Tech Vista”, in National conference held at PVPIT, Budhgaon, on 4<sup>th</sup> Feb. 2012.
- **Mr. Bhagwan B. Patil** - 1) Presented a paper on “Co-generation in Process industries in Maharashtra at the National conference on Energy Management & Alternate Sources of Energy” held at Dept. of Chemical Engg. Thadomal Shahani Engineering College, Mumbai on 25<sup>th</sup> February 2012.  
2) Presented a paper on “Electricity Management in Western Maharashtra an Issue” at the national conference on Energy and Sustainable Development held at College of Engineering, Pune from February 28<sup>th</sup> to 29<sup>th</sup>, 2012.  
3) Presented a paper on “Energy saving a case study” at National conference on Recent Advancement in Engineering (NCRAE-12), held at Sanjeevan Engineering and Technology Institute, Panhala, Kolhapur From 22<sup>nd</sup> to 23<sup>rd</sup> June. 2012.
- **Prof. G.N. Kanade** - Presented a paper entitled, “Influence of user psychometrics in management of urban Passenger mass transport mode choice”, in National Conference on Science and Technology “SCITECH 2012” organized by S.B. Patil College of Engineering, Pune.
- **Mr. S. S. Patil** - 1) Presented a paper entitled “Multiple Gate Field effect transistor for future CMOS tech”, in 'NCETET' held at Bharti Vidyapeeth 's College of Engg. Kolhapur. 2) Presented a paper entitled “Secure Mobile Agent on Ad-Hock wireless Network”, in 'NCETET' held at Bharti Vidyapeeth's College of Engg. Kolhapur.
- **Mr. K. K. Awale, Mr. S. R. Shetake** - Presented a paper entitled “Intrusion Detection in Homogeneous and Heterogeneous Wireless Sensor Networks”, in 'I-TECH VISTA 2012' held at PVPIT, Budhgaon on 4<sup>th</sup> Feb. 2012.
- **Mr. Dinesh B. Mirajkar** - Presented a paper entitled “Information Retrieval and the Semantic Web”, in 'I-TECH VISTA 2012' held at PVPIT, Budhgaon on 4<sup>th</sup> Feb. 2012.
- **Mr. S. H. More** - 1) Presented a paper entitled “WBC & RBC Count using Image Processing”, in 'I-TECH VISTA 2012' held at PVPIT, Budhgaon on 4<sup>th</sup> Feb. 2012. 2) Presented a paper entitled “WBC & RBC Count using Image Processing”, in 'NCRAE12' held at Sanjeevan Engineering & Technology Institute, Panhala from 22<sup>nd</sup> to 23<sup>rd</sup> June. 2012.
- **Mr. D. B. Mirajkar, Mr. K. K. Awale, Mr. S. R. Shetake** - Presented a paper entitled “Active Integrity Constraints for Database Consistency”, in 'NCRAE12' held at Sanjeevan Engineering & Technology Institute, Panhala from 22<sup>nd</sup> to 23<sup>rd</sup> June 2012.

## Journal Publications

1	Dr. S.V. Anekar Mr. P. J. Patil Mr. D. P. Deshpande	"Biomethanation of Dairy Waste", Research Journal of Chemical Sciences, Vol. 2(4), pp. 35-39, April 2012.
2	Dr. S.V. Anekar Mr. D. P. Deshpande	"Catalytic cracking of used palm oils", International Journal of Biotechnology, Chemical & Environmental Engineering (IJBCEE), Vol.1 (1), April 2012. (ISSN 2278-0696)
3	Dr. S.V. Anekar Mr. P. J. Patil Mr. D. P. Deshpande	"Removal of Colour of Spent Wash by Activated Charcoal Adsorption and Electrocoagulation "Research Journal of Recent Sciences, Vol. 1(6), pp. 1-8, June 2012.
4	Mr. D. P. Deshpande	"Petro-Chemical Feed stock from Plastic Waste", Research Journal of Recent Sciences, Vol. 1(3), pp. 63-67, March 2012.
5	Mr. Y. D. Urunkar	"Comparative Study of Topology of ANN Models for Adsorption of Coloring Agents from Aqueous Solutions using Adsorbents Synthesized from Agricultural Waste Material" International Journal of Computer Applications, Vol. 45 (11), pp. 45- 48, May 2012. (ISBN: 973-93-80868-36-2)
6	Dr. S. S. Joshi, Mr.V. B. Upadhye	"Advances in wastewater treatment A review" International Journal of Chemical Sciences and Applications Vol. 3, Issue 2, pp. 264-268, May 2012.
7	Mr. Marku Monis	Published a paper entitled "Analysis of Errors in the Free Compositions Written by Engineering College Entrants" "Thematic Journal of English Language Teaching, Vol. 2, Issue-1, pp. 10-15, March 2012. (ISSN: 2231-4873)
8	Dr. Amol V. Patil	"Investigation of ULF magnetic anomaly before moderate earthquakes", Exploration Geophysics, Vol 43, No. 1, pp.36-46, 2012 (Impact Factor : 0.634)
9	Mr. Bhagwan B. Patil	Published a paper on "Energy Conservation Management" Excel National Publications ISBN: 978-93-82062-39-4, Vol.2 pp. 277 - 281 June, 2012.
10	Prof. D. G. Chougule Miss. V. P. Patil	"ARM based Implementation of Viterbi Algorithm for Wireless Data communication" International Journal of Engineering Reserch and Applications, pp. 1303-1307, IJERA, ISSN NO- 2248-9622 Jan 2012
11	Mr. S. A. Maske, Mr. B.G. Warvante	"Wavlet based finger print liveness detection" pp.1402-1406, IJERA, ISSN No- 2248-9622
12	Mr. P. B. Kadam, Mr. M. R. Todkar,	"Improvement in the Design and Manufacturing of Twin Worm Self Locking Technique and Applications", International Organization of Scientific Research Journal, Vol. 2 Issue 5, PP. 1224-1233, May 2012.
13	Prof. S.S. Patil	"Implementation JPEG 2000 Encoder using discrete Wavelet Transform (DWT) in FPGA", International Journal of Computer Applications in Engineering, Vol.3(2), pp. 199-203. (ISSN:0974-3596)
14	Prof. D. G. Chougule	Published a paper on "Text Processing", in International Journal of Computer Science and Application. Jan. 2012.  Published a paper on "Armed based Implementation of Viterbi Algorithm" in International Journal of Engineering Reserch and Applications, Jan. 2012.

## Parent Teacher Association (PTA)

Parent teacher Association Meet of the academic year 2011-2012 was organized on 3<sup>rd</sup> Feb. 2012. The Chief Guest was Shri. Uttam Patil, Vice chairman of Warana Sahakari Bank Ltd. Warana. More than 125 parents of F.E. to B.E. students attended the function and participated in the deliberations and discussions so as to improve the career prospects and teaching learning process of the students. It was organized by Dr. S. S. Joshi, Vice-Principal, PTA coordinator along with the Principal, HODs, Cell in charges and the faculty of the institute.

## Staff Gathering

“Snehamelava” a staff gathering of the entire sister institutes of SWVSM Warananagar was organized on 12<sup>th</sup> Feb. 2012. It is a day where faculties of all the institutes come together, eat together, enjoy together by participating and exhibiting their unique and hidden talents in various fields. During the day different activities were held like inaugural function, Antakshari, Art and craft exhibition etc. culminated with the cultural program in the evening. The Chief Guest was the renowned writer, Dr. Yashwant Lulekar, HOD Marathi Dept., Maratwada University. During the main function as per the tradition the most outstanding performers from teaching and non teaching faculty were honoured and awarded.

## Alumni Meet 2012

Alumni Meet of the Academic year was organized on 09<sup>th</sup> March. 2012. A large number of alumni (55 from all branches) from various parts of India gathered, where a lot of sharing & discussion took place with the staff as well as TE and BE students. The Meet was graced by Mr. Pratap B. Patil as Chief Guest.

## Creative Teaching Learning Pedagogy

A two days workshop on “Creative Teaching Learning Pedagogy” was organized at TKIET, Warananagar on 8th & 9<sup>th</sup> May 2012. About 30 faculties from TKIET reaped the benefits of the workshop. The resource person Dr. D. H. Rao dealt with the subjects like Creativity in Teaching; Interactive Teaching Methods, 360 degree Professional Competencies, Understanding Multiple Intelligence etc. Similarly, Dr. D. G. Kulkarni shared his thoughts on Understanding Behavior of People NLP Concepts, Complimenting Behavior by the AVK Methods, Rapport Building by NLP Method, Application of Multiple Intelligence etc. It was successfully coordinated by Prof. B. R. Bagane from Civil Dept.

## Training and Placement

T & P Cell is very active at TKIET for campus recruitment drive and is leaving no stone unturned in placing as many eligible students as possible. The Concept of 'Lead and Cluster College' by the Shivaji University Kolhapur, has really boosted the students' placement prospects. Several renowned industries have visited the institute during the last semester. The summary of selected students is as under:

Mech	Chem	Civil	CSE	ELN	IT	Total
17	08	22	33	08	08	96

## Editorial Committee

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*Shri. Vinayraoji Kore, Chairman, S.W.V.S.M*

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*Shri. G. D. Patil, Secretary, S.W.V.S.M.*

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