

Department of Engineering Sciences Presents

RAINBOW

Volume 10, Issue 1

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Message from Principal, Vice-Principal, Head of Department and Editor



I congratulate Engineering Sciences department for their efforts in bringing out Newsletter. This newsletter gives highlights of all the events held in the department and also gives academic review. I wish to all the students best wishes for their future endeavor.



The right blend of education and discipline is the prime source to ones success which is strictly followed in this department. This college is unique in a way as it has taken new step of awarding certificates & cash prizes for meritorious students, in addition to existing set of scholarships.



I am happy to present 10th volume of the newsletter for the academic year 2016-17. In this semester various activities were conducted under First year Engineering Students Association such as Guest lectures, Industrial visits, Cultural program for First year Engineering students.



This newsletter comprises of various technical and non-technical activities for academic year 2016-17 semester -II. The guest lectures from various eminent personalities were organized for overall development of students. In technical event Innovision -2016, the poster making event and Mantle Dismantle has been organized by First Engineering students.

National Level Technical Event INNOVISION-2017



Team Members of Poster Making 22/03/2017



Team Members of Mantle-Dis-Mantle 22/03/2017

Memories of the Event FESA-2017



FESA Charge Handover Ceremony and Cultural Program



Selection of GS, Co-GS & Treasurer
14/01/2017

Cultural Activities

Industrial Visits 10/01/2017



Visit to the National Level Project Exhibition DIPEX-2017



Visit to the Science Park, Chinchawad



Self Defense Workshop for Girl Students conducted by Lion Prof. Shailaja Sangle

The Self Defense Workshop for Girl Students of the Engineering Sciences Department has been conducted and the girls made aware about the different techniques for their self defense.

Traditional Day Celebration 24/03/2017

The Traditional day was celebrated on 24th March 2017 as a Cultural Activity and students enjoyed it very much..



Publications of the Faculties:

The Faculties of Department of Engineering Sciences have Published their Research Papers in various reputed Journals and International Conferences in the Year 2016-17.

Sr. No.	Name of Faculty	Title	Details
1	Dr. N. S. Mujumdar	2-D and 3-D lens model for computer vision	The Journal of optics, ISSN0974-6900
2	Dr. N. S. Mujumdar & Mr. R. D. Bhagwat	The Effect of Wall Slip Boundary Condition on Flows of Maxwell Fluid due to Constantly Accelerating Plate	Bulletin of Calcutta Mathematical Society(BCMC) Vol.108,No.5,2016,pp391-402,ISSN:000-0659
3	Mrs. Swati A. Bhisikar	Automatic analysis of Rheumatoid Arthritis based on statistical features	ICACDOT- 2016 International conference on Automatic control and Dynamic Optimization techniques, I2IT Pune IEEE Explorer (978-1-5090-2080-5/16/\$31.00 ©2016 IEEE pp. 243 to 245)
4	Mrs. Swati A. Bhisikar	Automatic Joint detection and measurement of JSW in Arthritis	ICAECCT ,IEEE Sponsored International Conference on Advances in Electronics, Communication and Computer Technology, RSCOE, Pune IEEE Explorer
5	Mrs. Swati A. Bhisikar	A Non-invasive method for automatic joint detection and JSW Measurement in Finger Bone Joints in Rheumatoid arthritis	National Conference on Electronics, Communication and Computing, Trinity College of Engineering, Pune, NCECC 2017 NCECC proceeding
6	Mrs. Swati A. Bhisikar	Boundary Detection in hand radiograph images	International Journal of Computer Applications ISSN NO: 0975-8887 pp. 23 to 25
7	S.G.Kandalkar	Nanostructured NickelDopedVanadiumPentoxideThinFilms with Improved Surface Morphology and Electric Conductivityfor Supercapacitor Applications	International Journal of Scientific & Engineering Research, Volume 8, Issue 2, February-2017 ISSN 2229-5518
8	S.G.Kandalkar	Structural and Electrochemical Behaviour of Electro-deposited Ni Doped V ₂ O ₅ Thin Film on Quenched Stainless Steel Substrate.	ScienceDirect Materials Today: Proceedings 4 (2017) 3557–3564
9	S.G.Kandalkar	Improvement in Electrochemical Performance of Spray Deposited V ₂ O ₅ Thin Film Electrode by Anodization.	ScienceDirect Materials Today: Proceedings 4 (2017) 3549–3556
10	S.G.Kandalkar	Electrochemical Supercapacitive Performance of Sprayed Co ₃ O ₄ Electrodes	Journal of Engineering Research and Application ISSN : 2248-9622, Vol. 7, Issue 2, (Part -3) February 2017, pp.35-40