



## Criterion 6 - Governance, Leadership and Management

### 6.3 Faculty Empowerment Strategies

6.3.3 Average number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff during the last five years.

#### INDEX

Sr. No.	Description	Remark
1	International Conference on Applied Science, Engineering, Technology & Management 2018	
2	Two days workshop on "Intellectual Property Rights"	
3	One Day Workshop on "How to Publish Research Paper"	
4	A One Day Workshop on "How to Prepare Winning Research Proposal."	
5	National Conference on Research, Design and Development in Engineering, Management & Sciences	
6	A one day Faculty development program on- "Stress Management"	
7	Two Day State level workshop on "How to Prepare Winning Research Proposal."	
8	A three days workshop on- "Necessity of NAAC Accreditation"	
9	National Conference on Research, Design and Development in Engineering, Management & Sciences	
10	A One Day Workshop on "Disaster Management."	
11	A One Day Workshop on "Fire Safety Precaution."	
12	Faculty Development Program on Departmental Administration and AICTE Norms	



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

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**Report On**

**International Conference on Applied Sciences, Engineering,  
Technology and Management – 18.**

**(ICASETM-2018)**

**On dated**

**20<sup>th</sup> -21<sup>st</sup> April 2018**

**Organized By**



**Rajgad Dnyanpeeth's**

**Shri Chhatrapati Shivajiraje College of Engineering,  
Dhangewadi, Pune.**

*In association with*

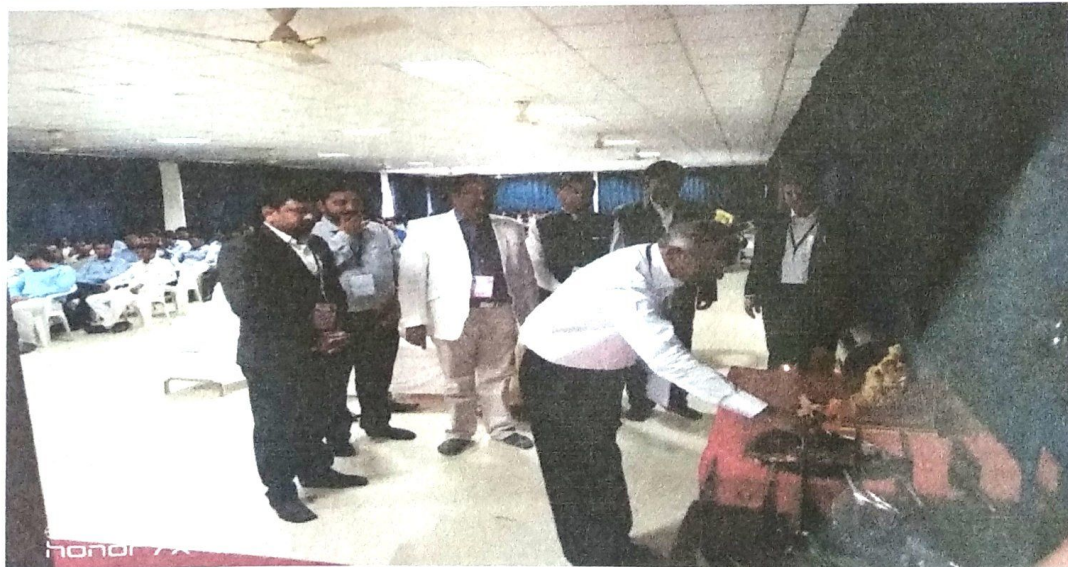
**Institute for Engineering Research and Publication**

**(IFERP)**



## 1. INAGURATION:

The International conference started with the inaugural function which was honored by the presence of academicians and Scientist. Dr. Ramchandra Narhe, Dr. P. H. Patil, Professor and Vice- Principal Dr. D. Y. College of Engineering, Pune, Dr. S. T. Patil, Professor, Vishwakarma Institute of Technology, Pune, Mr. Arihant, Member, IFERP, Chennai were the invited dignitaries. The conference was launched with warm welcoming address from Organizing Secretary of Conference and Head of Computer Engineering, Prof. Mukund B. Wagh, of the host institution welcomed the guests and stating the importance and identity of this conference. Prof. Tanuja Zende of Electronics and Tele communication Engineering Department gave an overview of the events to follow.



*Lighting of the lamp ceremony*



After lighting the lamp, Dr. Ramchandra Narhe Chief Guest of Event, in his inaugural address, advised the Academician, students, researcher, faculty to use all the opportunities they get to learn other fields of engineering too. Also delivered session on Nano structure of various animals used in Nano- Technology (Nature inspired algorithms used in the field of Engineering)



*Dr. Ramchandra Narhe delivers the inaugural address*

A special address was given by Dr. S. T. Patil, Professor, Department of Computer Engineering, Vishwakarma Institute of Technology, Pune.



*Dr. S. T. Patil addresses the participants*

In his speech, Dr. S. T. Patil mentioned that the applications of Engineering, Technology should always focus on solving problems related to various fields. He shared his thoughts that



issues of sustainability are relevant in all disciplines of technology and we have to identify problems and find solutions through innovative applications and research.

ICASETM 2018 proceedings were released by Dr. P. H. PATIL and dignitaries.



*Dr. P. H. Patil releases the ICASETM 2018 proceedings in the presence of all Guest.*

Second keynote address was delivered by Dr. P. H. Patil, Professor, Vice-Principal, Dr. D. Y. Patil College of Engineering, Ambi, on "Importance of Research".



*Dr. P. H. Patil delivers a talk*

Delivered vote of thanks by Prof. Tanuja Zende, Assistant Professor, E& TC Department of hosting institute.



After the inaugural and keynote sessions, academic sessions were started in the various departments. The departmental events consisted of expert lectures and technical paper presentations. The sessions were chaired by faculty and experts in the respective disciplines from leading Educational Institutions and Research Organizations and faculty of the host institution.



*Paper presentation*

**Valedictory Function:**

Certificates distributed to authors and presenter in the valedictory function which is held on 21<sup>st</sup> April 2018 at RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune with the hands of Mr. Arihant, IFERP Chennai representative.





*Certificate Distribution*

Prof. R. B. Nangare, concluded the valedictory function with his vote of grateful thanks to all those who had helped make the conference a success.

**Prof. M. B. Wagh**  
**Convener & Organizing Secretary,**  
**ICASETM-2018.**





2nd International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM -2018)

20 th - 21 st April, 2018

Organized by:

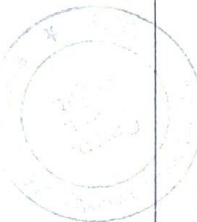
Rajgad Dnyanpeeths Technical Campus,

Shri Chhtrapati Shivajiraje College of Engineering

and

Institute For Engineering Research and Publication(IFERP)

Sr. No.	Department of the Presenter(s)	Name of the Presenter(s)	Title of the Paper	Signature
1. ✓	Computer	Mayuri More Mangesh More	Combined Approach for Masgynaded election	
2. ✓	computer	Pramita Roman	Improved zone based routing protocol for MANET	
3. +	Computer	Bathe pooja prabhakar	online chatting system for college enquiry using knowledge data base	
4. +	Computer	Kamthe chaitali Rajendra	cyberbullying detection & prevention using data mining algo. for social media	
5. ✓	ERTC	Asst Prof T.S.Zende	A Review on SDWSN	





Sr. No.	Department of the Presenter(s)	Name of the Presenter(s)	Title of the Paper	Signature
21	Computers	Manoj Jagtap- Mogul Sathe no	Smart Phone Appln Based hazard proble	<u>Mogul Sathe</u>
14	Computer	Sunil M. Jadhav Rajeshirke R.	Product Recommendation Hybrid Filtering	<u>Jadhav</u>
8)	ENITC	Georgik Pissal	GPU reduce - USEP - metrics based laboratory set up for digital modulation	<u>Georgik</u>
34	Computer	Ravi B. Mangre	IoT Based Smart Garbage Bin Alert system	<u>Mangre</u>
3 +	10)	Hemant V. Kadam	Review on Advanace Towed Artillery Gun system	<u>Kadam</u>
34	11)	Suvarna D. Khakal	Review on underwater Missile Technology	<u>Khakal S.D.</u>
3 +	12)	Ashvini B. Sayambar	Review on free piston engine.	<u>Ashvini</u>
24	Electrical and Electronics	Ayush P. Rajapate	Skeleton linking using Microsoft Kinect for Windows on MATLAB	<u>Ayush P.</u>
24	Civil	Aparna A. Shelke	Advancement in ECC	<u>Aparna</u>
215	Civil	Sulvankar Shital	Behavior of existing box structure with FRP by using Pushover analysis	<u>Shital</u>





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and

Institute For Engineering Research and Publication(IFERP)

Sr. No.	Department of the Presenter(s)	Name of the Presenter(s)	Title of the Paper	Signature
16	Mathematics.	Yogita Jagtap.	One dimensional study of calcium distribution in hepatocyte cell in presence of buffer.	
17.	Computer.	M.P. Shalimath Nasli	Intelligent Vehicle Parking Attainment System.	
18	Computer	Vyankatesh Kulkarni	A Contrasting Survey on Resource Scheduling Algorithm on cloud Computing	
19	Etc.	Yadav Yogesh S.	Design of low cost Human body para. mea. device.	
20	Etc	Dhamey Nikhil G.	Smart Medication box for Memory Disordered Patients	



Sr. No.	Department of the Presenter(s)	Name of the Presenter(s)	Title of the Paper	Signature
21	ENTC	Asalekar Prachi Dilip	Design & implementation of smart helmet using wireless sensor network	
22	Mech	C. S. Geikawad	Design modeling & Exp. of L.M. Formedant by using F. bernit	
23	Mech.	D. A. More	Carbon Nanotubes: A review on synthesis, properties & App.	
24	EFTC	A. D. Landage	Smart industry based environment monitoring	
25	E&TC	S. P. Nigade	Machine device for testing coating of metal can	
26	Civil	A. S. Bote	Comparative Analysis of steel concrete composite frame	
27	Civil	S. D. Kapase	transportation Engh.	
28	E. & TC	S. A. Bote	Design & Implementation of fiber composite	
29	Civil	G. S. Jadhav	performance of microbio- fixed soil with.	
30	Mech	V. S. Ahire	Experiment & investigation of performance also emission of S. M. J. Bio-enzyme in C. I. Engine.	



Civil & Mech



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and

Institute For Engineering Research and Publication(IFERP)

Sr. No.	Department of the Presenter(s)	Name of the Presenter(s)	Title of the Paper	Signature
31	E&TC	Nare Jyotsana	Design of petrol supply system using Licence & Biometric module	
32	BE meck	shinde Akash	Automatic Animem food feed mic	
33	Mechanical	Amruta Sonawane	The Reinforcement of CNTs In EFRP Composites	
34	E&TC	Gauri Pandit	Simulation & implementation of MEMO of DM	
35	Mechanical	Prof R.S. Lavate	A Review of advance casting system of radiator by using Nanofibers	



# SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

## REPORT OF TWO DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS

**NAME OF GUEST/EXPERT:** Prof. Dr. Suryakant Patil.

Ph.D. Computer Engg, M.E. (CSE), B.E. (CSE), L.L.B (P)

**FROM:** PSP-IP & ASSOCIATES, Intellectual Property Attorney's IP Services & Consultancy, Pune.

**TITLE/TOPIC:** Two Day Workshop on "Intellectual Property Rights"

**DAY & DATE:** Thursday & Friday-18<sup>th</sup> & 19<sup>th</sup> January 2018

**DURATION OF SESSION:** 10am to 5pm

**STUDENT/STAFF PRESENT:** 100/33

**CORDINATOR:** Prof. G. S. Jadhav, Dean Research and Development Cell

**OBJECTIVE:** To aware & provide the information to the students and staff regarding importance of Intellectual Property Rights & to look after the activities related to the Intellectual Property to offer legal services with emphasis on origination, protection and commercialization of the intellectual property, Evaluation and filling of patents, copyrights and design etc consultancy.

**DESCRIPTION:** The expert of session Prof. Dr. Suryakant Patil gives brief idea Intellectual Property Right. Intellectual Property Rights (IPR) i.e. Patents, Designs, Copyrights, Trademarks & Geographical Indications etc. Such IPRs are considered as a barometer of R&D activities, encourages technology transfer, national / foreign direct investments & helps in technological / industrial development. Following are course content:

- Intellectual property & trademarks
- Patents & industrial design
- Copyrights & trade secrets (confidential information)
- Geographical indications

Also to create awareness about IPR & to look after the activities related to the Intellectual Property, to offer legal services with emphasis on origination, protection and commercialization of the intellectual property, Evaluation and filling of patents, copyrights and design etc consultancy. And also he share all his experience related academic as well as industry to staff. Session was very useful for faculty and students for research work and making patent on that work.

**CONCLUSION:** Student and Staff are gets aware about the importance of Intellectual Property Rights.

**PHOTO DURING SESSION:**






Photo No.1: Dr. Prof. S. B. Patil Sir welcome to Chef Guset Prof. Dr.Suryakant Patil



Photo No.2- Prof. Dr. Suryaakant Patil give idea about IPR to Faculty and students

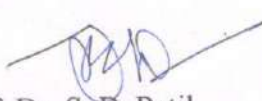
  
 Prof. G. S. Jadhav

**Coordinator**

**Dean R & D**

Shri Chh. Shivajiraje College of Engg.  
 Dhangawadi, Pune-412206



  
 Prof. Dr. S. B. Patil  
**Principal**

Rajgad Dnyanpeeth's  
 Chhatrapati Shivajiraje College of Engg.,  
 Dhangawadi, Pune-412206

Two Day Workshop  
On  
"Intellectual Property Rights"  
REGISTRATION FORM

Name .....

Designation .....

Department .....

Institution .....

E-mail ID .....

Mobile No .....

Address .....

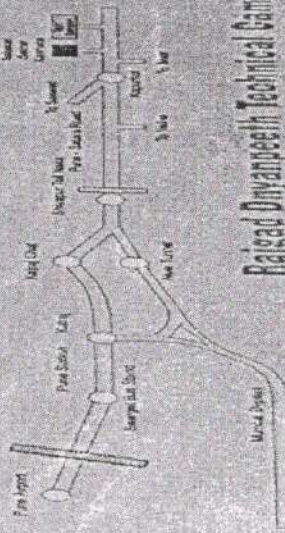
Signature  
Of Participant

Principal

Declaration:

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the organizing committee.

Location Map to RDTC:



CHIEF PATRON

Shri. Anant Rao N. Thopte  
President,  
Ex- Education Minister (M.S.)

Shri. Sangramdada A. Thopte  
Executive Chairman,  
MLA, Bhor-Velha-Mulshi

Dr. Sou. Bhagyashree S. Patil  
Secretary,  
Rajgad Dnyanpeeth Technical Campus.

ADVISORY COMMITTEE

Dr. S. B. Patil, Principal, RDTC, SCSCOE  
Prof. T. M. Dudhane, HOD E&TC Engg  
Prof. S. K. Pawar, HOD Mechanical Engg  
Prof. G. S. Jadhav, HOD Civil Engineering  
Prof. M. B. Wagh, HOD Computer Engg  
Prof. J. G. Kale, HOD FE Engineering

CONVENERS

Prof. G. S. Jadhav HOD Civil Engineering  
Prof. R.R. Biradar, TPO, SCSCOE

COORDINATORS

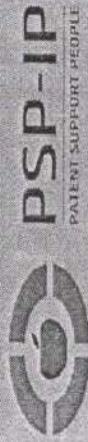
Prof. A.S. Sondkar - 9881257775  
Prof. S.M. Joshi - 9579509933  
Prof. R. B. Nangare - 9423111564  
Prof. P.S. Lavate - 9423532388  
Prof. J.P. Borude - 7722038112  
Prof. S.P. Satuliche - 9623121442  
Prof. A.S. Boke - 9765331611  
Prof. P.S. Zende - 7387927772



Two Day Workshop  
On  
"Intellectual Property Rights"

(18<sup>th</sup> to 19<sup>th</sup> January, 2018)

In association with



Organized By  
Research & Development Cell

RAJGAD DNYANPEETH TECHNICAL CAMPUS  
Shri Chhatrapati Shivajiraje College of  
Engineering

Gat No. 237, Pune Bangalore Highway, Dhanganwadi,  
Tal. Bhor, Dist- Pune Pin- 412 206  
Email: [scscoe@gmail.com](mailto:scscoe@gmail.com) Website: [www.rajgad.edu.in](http://www.rajgad.edu.in)



## ABOUT RAJGAD DNYANPEETH TECHNICAL CAMPUS

RDTC establish in year 2009 in order to achieve excellence of students in the field of science and technology. Students are the most important stake holders the institute. Main focus is our student centric approach to enhance and improve the level of student where they become more competent and committed towards their ambitions.

Our institute instigates and fosters to achieve leading environment along with the regular academics where the focus is on mastering the skills which make them industry ready to face the industrial challenges in this competitive scenario. Overall development along with social responsibilities by keeping in mind the nation and along with it makes students more responsible and authorized to make decisions for betterment of their own and the society, in which they reside. Thus the essential element required to build and achieve the results are provided to the students with continuous motivated guidance from management and faculty members who are the essential ingredient in making the student's future fruitful.

## COURSE CONTENT

- + Intellectual property & trademarks
- + Patents & industrial design
- + Copyrights & trade secrets (confidential information)
- + Geographical indications
- + Questionnaire session... How to?

## WHO CAN JOIN IPR WORKSHOP

- + Academicians, research scholars etc.
- + Lawyers, legal advisors, consultants etc.
- + Professionals from industries, research & development and scientists etc.
- + Doctors, engineers, pharmacy professionals, ca, company secretary.

## RESOURCE PROFESSIONAL

DR. SURYAKANT PATIL

Ph.D. Computer Engineering, M.E. (CSE),

B.E. (CSE), L.L.B (P)

PSP-IP & ASSOCIATES

Intellectual Property Attorney's IP Services & Consultancy

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Tel: +91 9325 3939 33 / +91 7030 3939 33

Email: [contact@psp-ipassociates.com](mailto:contact@psp-ipassociates.com)

Website: [www.psp-ipassociates.com](http://www.psp-ipassociates.com)

PSP-IP & ASSOCIATES offering services for patenting from innovative patentable topics till granting of patent. All from registered intellectual property attorneys and with MoU and certificate.

We provide Innovative Patentable topics of Domain Specific Inventions

1. **IP Attorney's legal services:** Patent drafting, filing and prosecution, litigation, Disputes, Infringement, FER objections, worldwide oppositions, hearings and IP audit.
2. **IP valuation and commercialization:** Patent market analysis & valuation, technology transfer, license transfer, CSR funding, startup and incubation consultancy, IP portfolio management, new product development.
3. **Patent search and Analytics:** Patent-ability prior art search, Novelty search, Freedom to operate search, Evidence of use search, Invalidity search, Patent landscaping, Competitive analysis.
4. **International Patent Services:** USA, Australia, China, Japan, Brazil, UAE, Malaysia, Israel, S. Africa, S. Korea, Singapore, Canada, Argentina, Russia, India.
5. **Translation services:** Korean, Chinese, Japanese, Russian, Ukrainian, Spanish.

6. **Corporate training & consultancy:** IP government careers, seminars & Workshops, IP certifications, Data Centre, Cloud Solutions, IoT Innovations, Automation, Embedded, Mechatronics, Robotics.

## ABOUT IPR CELL AND WORKSHOP OBJECTIVE

PSP-IP & Associates and IPR Cell at RDTC SCSCOE jointly formed to conduct Awareness Programs, Trainings and Consultancy in Intellectual Property Rights (IPR) i.e. Patents, Designs, Copyrights, Trademarks & Geographical Indications etc. Such IPRs are considered as a barometer of R&D activities, encourages technology transfer, national / foreign direct investments & helps in technological / industrial development. But it is often observed that many inventors are losing the chance of obtaining Patents for their inventions by commercially using or publishing their invention in newspapers or scientific and technical journals and such inventions are thus remain unprotected and lose their exclusive rights. Similar thing for other IP rights as well. Therefore RDTC SCSCOE and PSP-IP & Associates IPR Cell will provide "Trainings on various IPR's" to create awareness about IPR & to look after the activities related to the Intellectual Property, to offer legal services with emphasis on origination, protection and commercialization of the intellectual property, Evaluation and filling of patents, copyrights and design etc consultancy.





Rajgad Dnyanpeeths  
**Shri Chhatrapati Shivajiraje College of Engineering**  
 Dhangwadi, Tal: Bhor, Dist: Pune, 412206.

**TWO DAYS WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS"**

**PARTICIPANT ATTENDANCE SHEET  
 (STAFF)**

Date: 18/01/2018

Sr. No.	Name of Participiant	Contact No	Session 1	Session 2	Session 3
1.	Mrs. M.M. More	9421608735	M	M	M
2.	Ms. G.B. Tadar	9762763363	G	G	G
3.	Ms. A.P. Sonawane	7709356158	A	A	A
4.	Ms. S.R. Shinde	9527736506	S	S	S
5.	Mrs. P.K. Shirkande	8275448691	P	P	P
6.	Ms. S.P. Salunkhe	9623121442	S	S	S
7.	Ms. A.A. Shelke	8108530909	A	A	A
8.	Mr. A.S. Sandkar	9881257775	A	A	A
9.	Prof. S.K. Pawar	9570893232	P	P	P
10.	prof. R.R. Biradar	9604178072	R	R	R
11.	M.B. Wagh	9850085551	W	W	W
12.	G.S. Jadhav	9730315385	G	G	G
13.	S.M. Joshi	9573503933	J	J	J
14.	S.B. Jadhav	9579760706	J	J	J
15.	R.S. Lavate	9423532388	R	R	R
16.	A.S. Boke	9765331611	A	A	A
17.	R.B. Nangre	9423111564	R	R	R
18.	Asst Prof T.S. Zende	9924507387927772	T	T	T
19.	Prof. D.A. More	8087297665	D	D	D
20.	Prof. N.D. Bagel	8698486085	N	N	N
21.	Prof. S.M. Mane	8806736166	S	S	S
22.	Prof. Jadhav S.M.	9923991529	J	J	J
23.	Prof. K.M. Shirkande	8275448692	K	K	K
24.	Prof. D.V. Dabshi	9148751775	D	D	D
25.	Prof. M.S. Septe	9766935057	M	M	M
26.	Prof. S.R. Sutar	9096246540	S	S	S
27.	Prof. K.R. Suryawanshi	9766104119	K	K	K
28.	Prof. Y.G. Jadhav	7350329247	Y	Y	Y
29.	Prof. M.H. Chohre	7448122073	M	M	M



Rajgad Dnyanpeeths

# Shri Chhatrapati Shivajiraje College of Engineering

Dhangwadi, Tal: Bhore, Dist: Pune, 412206.

## TWO DAY WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS"

### PARTICIPANT ATTENDANCE SHEET

Date: 18/01/2018

Sr. No.	Name of Participiant	Contact No	Session 1	Session 2	Session 3
30	Pr. J-G. Kale	9011826102	Kale	Kale	Kale
31	Prof. S.M. Jadhav	9860171442	Jadhav	Jadhav	Jadhav
32	Prof. S.M. Jadhav		Jadhav	Jadhav	Jadhav
33	Prof. M.R. More		More	More	More



**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**REPORT OF ONE DAY WORKSHOP ON HOW TO PUBLISH RESEARCH PAPER**

**NAME OF GUEST/EXPERT:** Mr. Jaykumar Mane

**FROM:** International Journal of Innovative Research in Science, Engineering & Technology, Pune.

**TITLE/TOPIC:**One Day State Level Workshop on “How to Publish Research Paper.”

**DAY & DATE:**Saturday – 23<sup>rd</sup> August 2017

**DURATION OF SESSION:**10.30am to 4.30pm

**STUDENT/STAFF PRESENT:** 23/38

**CORDINATOR:** Prof. G. S. Jadhav, Dean Research and Development Cell

**OBJECTIVE:**To aware &provide the information to the staff and students regarding importance of publication of research paper whichis quite useful for the to explore the your innovative work in front of community

**DESCRIPTION:**The expert guides the Faculty and students about the role of paper writing and publication in national & international journal Speakertold that One publish a paper to communicate to research community about some new findings/perspectives of a topic. Publishing a paper actually tells that one had solved some original problem and had contributed into the field even if the value added to the field is very incremental.

**CONCLUSION:**Facultyand students are getsawareness and importance about publication of paper and getting procedure to write the research paper. And hence lecture was very beneficial to all faculties for doing a research for their future studies.

**PHOTO DURING SESSION:**

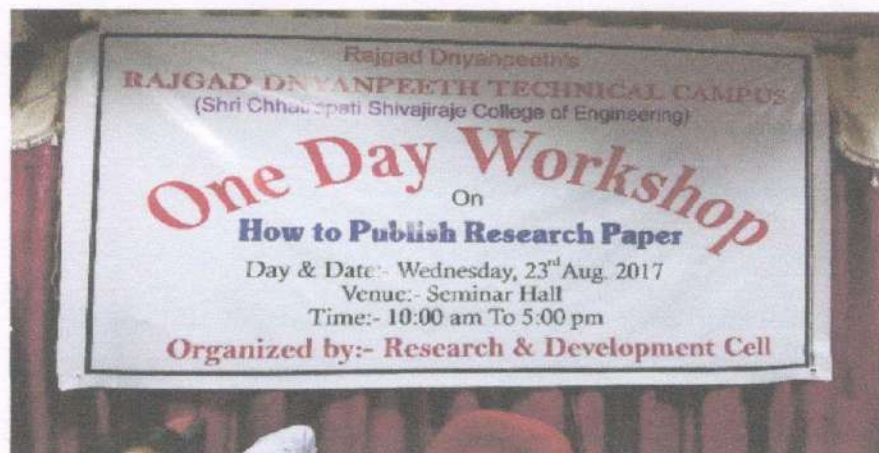





Photo.No.1 .Mr. JaykumarMane delivers a talk



Photo.No.1 .Mr. JaykumarMane delivers a talk with students and faculty

  
Prof. G. S. Jadhav

**Coordinator**

  
Prof. Dr. S. B. Patil

**Principal**  
Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206



Rajgad Dynapeeths

**Shri Chhatrapati Shivajiraje College of Engineering**

Dhangwadi, Tal: Bhor, Dist: Pune, 412206.

**Attendance for Workshop on, "How to Publish Research Paper."**

Date:-23/08/2017

Sr. No.	Name of Faculty/ Student	Branch	Signature
01	Prof. Y.G. Jadhav.	F.E	
02	Prof. A.S. Sondkar	<del>Kondkar</del> Comp	
03	Prof. Sutar S.R.	Civil Engg.	
04	Prof. S.R. Shinde	E&TC	
05	Prof. D. A. More	Mech.	
06	Prof. K. R. Suryawanshi	Civil	
07	Prof. S.V. Bankar	Civil	
08	Prof. M.B. Bankar	Mech	
09	Prof. S.M. Jadhav	Comp	
10	Prof. R.B. Raut	FE	
11	Prof. S.B. Kondhalkar	FE	
12	Prof. A.S. Bolke	Civil	
13	Prof. M.H. Ghehe	E&TC	
14	Mr. S.B. Jagdale	Civil	
15	Prof. G. S. Jadhav	Civil	
16	Prof. M.S. Sapte	E&TC	
17	Prof. C.S. Gaikwad	Mech	
18	Prof. R. R. Gadav	Mech	
19	Prof. A.S. Sonwane	Mech	
20	Prof. R.S. Lavate	Mech	
21	Asst Prof. T.S. Zende	E&TC	



Sr. No.	Name of Faculty/ Student	Branch	Signature
22	Prof. K. M. Sheskarde	Comp.	
23	Prof. M. M. More	Comp	
24	Prof. J. V. Dalavi	Ente	
25	Prof. J. G. Kale	F.E	
26	S. B. Jadhav	Comp.	
27	Prof. M. Dudhane (MOD)	ESTC	
28	Prof. S. B. Kondhalkar	F.E	
29	A. A. Shelake	Civil	
30	Prof. A. K. Kondhalkar.	FE	
31	S. M. Jashi	Comp ESTC	
32	Prof. M. B. Wagh (MOD)	Comp.	
33	C. B. Madan	Comp.	
34	N. P. Bagut.	Mech.	
35	R. B. Nangane	Comp.	
36	Prof. J. J. Bandal.	E & Tc.	
37	S. K. Pawar (MOD)	Mech.	
38	S. M. Mane	mech.	
39			
40			
41			
42			
43			
44			
45			





**TWO DAYS WORKSHOP FOR FACULTY DEVELOPMENT**

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Prof. Dr. Chandrashekhar Mahajan

FROM: VIT, Pune.

TITLE OF SESSION: How to Prepare Wining Research Proposal

DAY & DATE: 18<sup>th</sup> & 19<sup>th</sup> Aug. 2017 DURATION OF SESSION: 10:00am to 05:00pm

STAFF PRESENT: 45

COORDINATOR: Prof. M. B. Bankar

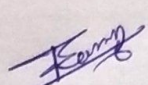
OBJECTIVE: To make awareness among the staff regarding how to write research proposal.

DISCRIPTION: Prof. Dr. Chandrashekhar Mahajan has explained what is meaning of research with different examples. He has explained different agencies providing grants to the research like DST, SEB, MNRE, MHRD, BCUD, AICTE, DBT, SERB, etc. He has also explained various steps involved in writing research proposal such as Title, Abstract, Introduction, Statement of problem, review of literature, Methodology, Data analysis, Bibliography, Organization capability, Time Line, Budget & Appendices etc.

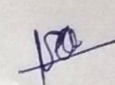
CONCLUSION: The information is really useful to the faculties for writing research proposal.

PHOTO'S DURING SESSION:



  
Prof. M. B. Bankar  
Co-ordinator



  
(Prof. S. K. Pawar)  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Date:18/08/2017

Two days workshop on-'How to Prepare Wining Research Proposal'

Attendance report:

Sr. No.	Name of Faculty	Sign
1	Prof. Borude J.P.	
2	Prof. Bagul N.D. (Mech)	
3	Prof. Lahu P. Maskepatra (M)	
4	Prof. R.S. Lavate (Mech)	
5	Prof. D. A. More (Mech)	
6	Prof. D.U. Dalavi (EETU)	
7	Prof. M.S. Sapte (EETU)	
8	Prof. S.R. Sutar (Civil)	
9	Prof S-B. Kundhakar (CFE)	
10	Prof. S.V. Bankar (Civil)	
11	Prof. Y.G. Jadhav (F.E).	
12	Prof. S.M. Jadhav (Comp)	
13	Asst. Prof. A.S. Boke (Civil)	
14	Asst. Prof. S.P. Salunke (Civil)	
15	Asst. Prof. G.B. Yadav (Comp)	
16	Asst. Prof. A.S. Sondkar	
17	Asst. Prof. A.R. Bobade	
18	Asst. Prof. A.A. Shelke (Civil)	
19	Prof. Kale J.G. (F.E)	
20	Prof. K.R. Suryawanshi	
21	Prof. A.P. Sonawane (Mech)	
22	Prof R.R. Bizadar (Mech)	
23	Gaikwad C.S. (Mech)	
24	Budguzar N.R. (Mech)	
25	Prof. D.M. Pawar (Mech)	
26	Prof N.R. Badguzar. (Mech)	





Date:18/08/2017

Two days workshop on-'How to Prepare Wining Research Proposal'

Attendance report:

Sr. No.	Name of Faculty	Sign
27	Mrs. Thube M.V.	
28	Mrs. Mane S.M. (Mech)	
29	Mrs. Bansode A.M.	
30	Prof. D.S. Zende (ETC)	
31	Prof. R.B. Newgore (Comp)	
32	Mrs. R.V. Lalge (Mech)	
33	Prof. R.S. Lavate (Mech)	
34	Prof. Mane S.M. (Mech)	
35	Mrs. T.M. Dudhane (ETC)	
36	Mrs. Ghotare M.H. (ETC)	
37	Prof. M.B. Bankar	
38	Prof. S.B. Jadhav (Mech)	
39	Prof. A.P. Sonawane (Mech)	
40	Prof. Bhide S.P. (Mech)	
41	Prof. D.B. Misal (Mech)	
42	Mrs. Kadam S.B. (ETC)	
43	Mrs. Patil T.N.	
44	Mrs. Bhutude V.J. (ETC)	
45	Mrs. Bandal J.J. (ETC)	
46	-	-
47	-	-

Workshop Coordinator  
Prof. M. B. Bankar

Head  
Dept. of Mech. Engg.  
HOD  
Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date: 19/08/2017

Two days workshop on-'How to Prepare Wining Research Proposal'

Attendance report:

Sr. No.	Name of Faculty	Sign
1	Prof. Lahu P. Meekhapathi (Mech)	
2	Prof. R.V. Ladga (Mech)	
3	Prof. R.S. Lavate (Mech)	
4	Prof. S.B. Kondnalkar (FE)	
5	Prof. C.S. Gaikwad (Mech)	
6	Prof. M.S. Sapre	
7	Prof. D.V. Dalavi	
8	Prof. J.R. Sutar (Civil)	
9	Prof. G.B. Yadav (Comp)	
10	Prof. A.R. Bobade (FE)	
11	Prof. S.V. Bankar (Civil)	
12	Prof. Y.G. Jadhav (F-E)	
13	Prof. R.B. Naugre (Comp)	
14	Prof. S.M. Jadhav (Comp)	
15	Prof. S.P. Salunke (Civil)	
16	Prof. A.S. Sandkar (Comp)	
17	Prof. J.G. Kale (F.E)	
18	Prof. A.S. Bokre (Civil)	
19	Prof. K.R. Suryawanshi	
20	Prof. R.R. Bizadar (Mech)	
21	Prof. A.P. Sonawane (Mech)	
22	Prof. A.P. Sonawane (Mech)	
23	Prof. Bhutade V.S. (ETC)	
24	Prof. J.P. Borade	
25	Prof. D.M. Pawar (Mech)	
26	Prof. Bhide S.P. (Mech)	



Date: 19/08/2017

Two days workshop on-'How to Prepare Winning Research Proposal'

Attendance report:

Sr. No.	Name of Faculty	Sign
27	Mrs. Dubal M.B. (ETC)	
28	Prof. Bagut N.D. (Mech)	
29	Prof. Bzude J.P. (Mech)	
30	Mr. T.M. Dandhane (ETC)	
31	Prof. D.B. Misal (Mech)	
32	Prof. J.A. Mee (Mech)	
33	Mrs. Sapate M.S. (ETC)	
34	Prof. N.R. Badguyar.	
35	Asst-Prof A.A. Shelke (Civil)	
36	Mrs. Kadam Shubhangi B.	
37	Mrs. Sagle L.M. (ETC)	
38	Mrs. Mane S.M. (Mech)	
39	Mr. M.B. Bankar (Mech)	
40	Prof. R.S. Lavate (Mech)	
41	Mrs. Thube Madhuri V.	
42	Mrs. Jadhav S.B. (Mech)	
43	Miss Gholve M.H.	
44	Mrs. Patil T.H. (Mech)	
45	-	
46	-	
47	-	

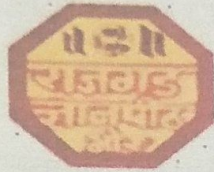
Workshop Coordinator  
Prof. M. B. Bankar

Head  
Dept. of Mech. Engg.

HOD  
Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhore  
Dist. Pune - 412206

# CONFERENCE SUMMARY REPORT

2<sup>nd</sup> NATIONAL CONFERENCE  
ON  
RESEARCH, DESIGN AND DEVELOPMENT IN ENGINEERING,  
MANAGEMENT AND SCIENCES  
(NC-RDD-EMS-2017)  
18/03/2017.



**Organized by**  
Rajgad Dnyanpeeth's Shri  
Chhatrapati Shivajiraje College of  
Engineering



**In Association with**  
AES journal in Engineering,  
Technology & Management



RAJGAD DNYANPEETH'S TECHNICAL CAMPUS, SCSCOE, DHANGAWADI, TAL: BHOR,  
DIST: PUNE (MAHARASHTRA)

## PATRONS:

**Hon'ble Anantrao Thopte**  
President (RDTC), Former Education  
Minister (Maharashtra Government)

**Hon'ble Sangramdada Thopte**  
Trustee (RDTC), MLA (M.S.)

**Hon'ble Bhagyshree S. Patil**  
Secretary, RDTC

**Dr.G.R.Kulkarni**  
Chief Editor, AES Journal

## CONVENOR:

Prof. (Dr.) S.B.Patil  
Principal, RDTC, SCSCOE

## CO- CONVENOR

Prof. S. K. Pawar  
HOD, Mech. Engg, SCSCOE

## ORGANISING COMMITTEE

Prof. T.M. Dudhane, Prof. G.S.Jadhav  
Prof. J.G.Kale, Prof. B.D. Thorat,  
Prof.M.S.Sapte, Prof. J.P. Borude

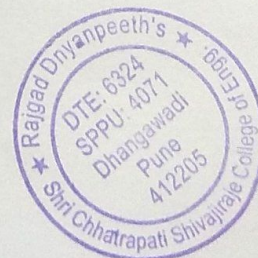


## 1. INTRODUCTION

Rajgad Dnyanpeeth established in 1972 by Hon'ble Anantrao Thopte with wider object of bringing about intellectual awakening and transformation in education, economics, cultural and social field in Maharashtra. Rajgad Dnyanpeeth basically provide education to the student's right from primary level to the post graduate & Ph.D. level in general discipline also professional courses in Pharmacy (D. Pharm, B. Pharm & M. Pharm), Computer Science (B.C.S. & M.C.S.) Agricultural, Education (D. Ed, B. Ed, M. Ed. & M. Phil.) and Management. in 2009, Rajgad Dnyanpeeth' established Shri Chhatrapati Shivajiraje College of Engineering. Shri Chhatrapati Shivajiraje College of Engineering caters to four disciplines Computer, Electronics and telecommunication, Civil and Mechanical Engineering. The Institute is affiliated to Savitribai Phule Pune University (SPPU). Rajgad Dnyanpeeth's also caters Shri Chhatrapati Sambhajiraje Polytechnic which is affiliated to Maharashtra state board of technical education (MSBTE).

Amoghshiddhi Education Society (AES) Journals are open-access journals (Journals with ISSN & Impact Factors ) publishing full-length research papers and review articles covering subjects that fall under the wide spectrum of Engineering, Technology and Management. The journals are dedicated towards dissemination of knowledge related to the advancement in scientific research. The prestigious interdisciplinary editorial board reflects the diversity of subjects covered.

The institute has been always supporting research and innovative activity. Institute headed by our Respective Principal sir Dr. S.B.Patil has taken initiative and planned for the Project competition and conference each year. Basic objective behind this is to motivate Undergraduate students, Academicians, Research scholars towards research. National Conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Emerging Trends in Engineering and Technology. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Emerging Trends in Engineering and Technology. trends, and concerns, practical challenges encountered and the solutions adopted in the field of Emerging Trends in Engineering and Technology.



## 2. CALL FOR SUBMISSION

Papers from UG -PG - Ph.D. Students, faculty members, scientists, researchers and research scholars in following disciplines and interdisciplinary are invited. Disciplines (not limited to):

### Track 1: E&TC/COMP/IT/ELEX/INSTRU

1. VLSI Design/ Signal & Image Processing
2. Optical Communication & Networks
3. Microwave Engineering/ Antennas
4. Wireless/ Mobile Communication /RF Comm.
5. Embedded & Real Time Systems
6. Robotics & Automation Systems
7. Power Electronics and Devices
8. MEMS/ Nanotechnology
9. Computer Network & Securities
10. Artificial Intelligence/ Soft Computing
11. Computer Graphics & Multimedia
12. Biomedical Instrumentation
13. Cloud Computing/Wireless Sensor Network
14. Cognitive Radio
15. Data Mining & Data Warehousing

### Track 2: MECH/PROD/CIVIL/CHEM

1. Thermal Engineering/ Refrigeration System
2. Computational Fluid Dynamics
3. CAD/CAM/CIM
4. Green Engineering/Green Manufacturing
5. Design for excellence
6. GIS/GPS and Remote Sensing
7. Environmental Pollution- Prevention
8. Soil Structure Interaction
9. Concrete technology
10. Structural Health Monitoring



### 3. INAGURATION OF THE FUNCTION

National conference 2017 started with inaugural function which was honored by Patron Shri. Sangramdada Anantrao Thopte, Trustee , Rajgad Dnyanppeth , Mrs. Bhagyshritai Patil , Secretary, Rajgad Dnyanppeth , Keynote speaker Dr. Abhay A. Pawar, Principal, D.Y.Patil College of Engineering , Ambi ,Pune , Dr.S.B. Patil, Principal Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Prof. Lalit Pawar, O.S.D. , Pune University. The conference was launched with the warm welcome of Head of E&TC Engineering Prof. T.M.Dudhane and Principal, Dr. S.B.Patil, Shri Chhatrapati Shivajiraje College of Engineering. Principal of institute Prof. Dr. S.B.Patil gave an overview of the institute and emphasised objective of the conference.



*Lightening the lamp during saraswati puja*

### 4. FELICITATION & SPEECHES:

Prof.Dr. Abhay A. Pawar, Principal, D.Y.Patil College of Engineering, Ambi, Pune has been called as a Keynote speaker. Prof. Abhay A. Pawar and Prof. Lalit Pawar, Officer on Special Duty (O.S.D) was felicitated by Principal sir Dr. S. B. Patil





Felicitation of Guest Prof.Lalit Pawar



Felicitation of keynote speaker Prof. Abhay A. Pawar

Mr. Sangramdada Anantrao Thopte, Trustee, Rajgad Dnyanpeth motivated participants for more and more research work in their respective field. Patron gave motivating speech to the participants and ensured that institute will hold conference each year.







*Patron speaking in conference 2017*

Keynote Speaker Prof. Abhay A. Pawar delivered an amazing speech on the occasion. He shared his research tactics with examples in his PhD work. He emphasised an importance of research by the academicians and research scholar in order to achieve contribution to the national growth. He added advances in design and manufacturing in recent time. He also advised some areas of research to participants. All participants were pleased by the speech.

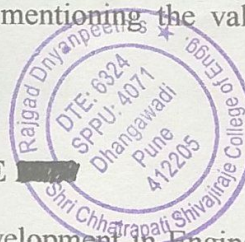
Votes of thanks were given by Prof. S.K.Pawar mentioning the valuable information from patron, guest and keynote speaker.

##### 5. ACHIEVMENT OF THE CONFERENCE

National Conference on Research, Design and Development in Engineering, Management and Science 2017 was a grand successful. Total 96 papers were published in the conference. We believe that it was proved big event which motivated and guided our Undergraduate students, Academicians, Research Scholars and all Participants toward research activity.

**Prof. Dr. S.B.Patil**

**Convener, NC-RDD-EMS-2017**



## CONFERENCE ATTENDANCE SHEET

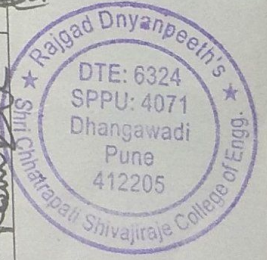
2<sup>nd</sup> NATIONAL CONFERENCE ON RESEARCH, DESIGN AND DEVELOPMENT IN ENGINEERING, MANAGEMENT AND SCIENCES

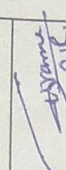
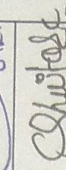
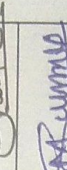
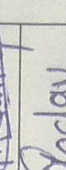
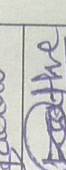

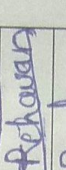
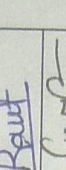
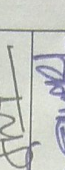

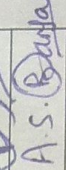
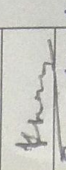
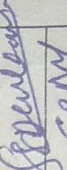
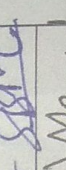
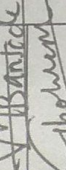
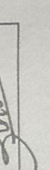
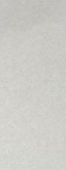
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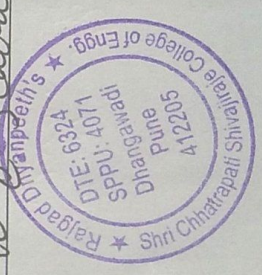
ORGANISED BY: Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Tal: Bhor, Dist: Pune (Maharashtra)

IN ASSOCIATION WITH: AES journal in Engineering Technology & Management, Sangali.

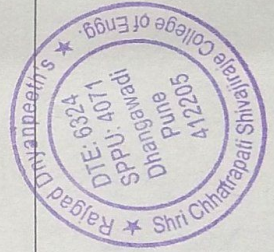
Sr. No.	Author/Participant Name	Title of the Paper	Sign
01	A.S. Bole, K.R. Suryavanshi	Comparative Study of RCC & Steel Concrete Composite	<i>Asbole</i>
02	Shital P. Salunkhe	Comparative Exp. Study on Cylindrical Comp. Strength.	<i>Salunkhe</i>
03	Abhinivesh Parajpe	Eco-social Pavement	<i>Parajpe</i>
04	Akshay Memane	Intelligent building	<i>Memane</i>
05	Sayali V. Paygude	Review of Geotextile in Road Construction	<i>Paygude</i>
06	Vikas S. Pangare	Medifide bernoullis Apparatus	<i>Vpangare</i>
07	<del>Heettra</del> Maskekar LP	Heat transfer and materials in cooking	<i>Maskekar LP</i>
08	Abhijeet S. Babare.	Performance of Septic Tank For the Treatment.	<i>Ababare</i>
09	Nikhil S. Kamble	Project Management: Recent Developments and Research opportunities	<i>Kamble</i>



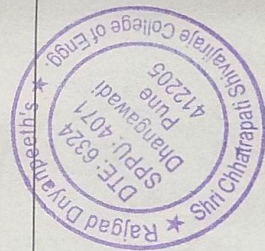
Sr. No.	Author/Participant Name	Title of the Paper	Sign
10.	Amkar G. Girme	Production of pure methane Gas in Biogas	
11.	Chetan Shivtane	Pure Traffic Problems & Control Measures	
12.	Mijumbe Sunny B.	Review of Constructed wetland for waste water treatment	
13.	S. V. Yadav	Seismic Design of reinforced Concrete Structure	
14.	Sel. Buthe Ketan	Solid Waste Management	
15.	S. V. Bankar	Comparative analysis of RCC & Steel Concrete	
16.	Rohit Chavan	Study of reactor configuration on Biogas Production	
17.	Vaibhav Reut	Study: The sustainable water Management - Greywater	
18.	Suraj N. Patil	The utilization of crushed stone dust replac. sand in	
19.	Sangram K. L	Generation of Electricity by using foot steps	
20.	Devkate Pooja S.	Bio-gas production using Kitchen Waste.	
21.	Atul S. Bansal	Project management: Recent development & oppor-	
22.	Mohd. Arif Khan	Enhancing system security for unauthorised USB	
23.	Suyant S. Denkar	Design of Circular welding postformer	
24.	S. B. Masuti	Analysis & validation of stress concentration on Flange	
25.	Vinod M. Bansode	Fatigue Analysis of welded joint	
26.	M. H. Gholke	Plk & Scada Based colour mixing process	



Sr. No.	Author/Participant Name	Title of the Paper	Sign
27.	M.B. Bankar, S.K. Pawar	Design & development of Automatic pneumatic bumper	
28.	P.P. Bhatne	Implementation of Agile methodologies in software	
29.	Tejaswini S. Galande	Virtual Mouse.	
30.	S.K. Pawar, Mishra Akshay	Rice planting machine	
31.	Aswini D. Awale	Automated Waste Separator	
32.	G. G. Machhale	Human facial gesture & voice command based desktop control	
33.	Vaishali Kanavade.	J.O.T. Cloud based year Quality monitoring wing mobile Application.	
34.	J.P. Borude, R.S. Lavate	Review of heat transfer Enhancement Techn	
35.	Amar S. Pawar.	Parameter base system for better field of Automatic Systems	
36.	Karan Khar	ARDUINO Based Door Control for Access.	
37.	R. Lokare	A Study of fingerprint Liveness Detection Techn	
38.	Alisha M. Gawade	S-ZONE: A system for women safety & security sys	
39.	A.P. Sonawane, S. B. Barve	Hyperloop Technology - The passenger transport system	
40.	Suraj v. Dixit	RASPBERRY-PI Based Anti-theft Security System with Image ID	
41.	C.R. Kamatne	Communication through li-fi Wireless Technology	



Sr. No.	Author/Participant Name	Title of the Paper	Sign
42.	Roman Pranita D.	Software piracy through digitized rights management	
43	A. Khatape	Securing ATM Transactions	
44.	D. V. Dalvi	Wheel chair Control using Fuzzy tracking for handicapped.	
45.	Prachi Salunche	New techniques for load balancing & Deduplications.	
46.	Neha Vilas Oswal	Moisture monitoring system for dam construction	
47.	M. R. Bhise	App-Design and development of Pneumatic Power hacksaw Machine	
48.			
49.	Sunil. M. Jadhav	Natural langu. database interface for select SQL query with probabilistic Context free grammar	
50.	Pallavi B. Lamkhane	Using ternary trees unsupervised web data extraction	
51.	Tanpure Ganesh D.	Landmine detection Robotic vehicle with GPS pos	
52.	Kajal S. Ambhore	CISM based Girls Safety system	
53.	Trupti Alkhade	vehicle to vehicle communication protocol for Co-operative collision warning.	



Sr. No.	Author/Participant Name	Title of the Paper	Sign
54.	T. R. R. Figue.	An Intelligent Robot system for Spraying Pesticides	<i>T. R. R. Figue</i>
55.	T. M. Dudhane	Handheld device based smart information system for	<i>T. M. Dudhane</i>
56.	L. M. Sagale	A Real Time Drowsiness detection system for Safedriving	<i>L. M. Sagale</i>
57.	S. M. Sonawane	Techniques on Image quality Assessment	<i>S. M. Sonawane</i>
58.	Pavesh Chaudhari	Quality Assessment of flower on digital image process	<i>Pavesh Chaudhari</i>
59.	Mrs. S. R. Sawade	A methodology for extracting standing human bodies from single images.	<i>S. R. Sawade</i>
60.	Abhijeet Bhasale.	Intimation notice board & Energy Conservation System	<i>Abhijeet Bhasale</i>
61.	Raju Patil.	A review paper on optimization of metal inert gas welding on median carbon steel.	<i>Raju Patil</i>
62.	P. K. Ingawade.	A review on solar Roadways	<i>P. K. Ingawade</i>
63.	AKshay vetal.	Seat belt alert System with ignition control.	<i>AKshay vetal</i>
64.	AKshay Rajje	Fuel Energizer - An Authentic way of Reducing fuel consumption	<i>AKshay Rajje</i>
65.	Prof. P. A. More	Automatic Cite Suspension in Car	<i>P. A. More</i>





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**REPORT OF FACULTY DEVELOPMENT PROGRAM**

DEPARTMENT: Mechanical Engineering

Teaching staff Present: 22

NAME OF GUEST/EXPERT: Mr. A. N. Deshpande

Non-teaching staff present: 15

FROM: TATA Motors Ltd. Pune.

TITLE OF SESSION: Stress Management

DAY & DATE: 16<sup>th</sup> January 2017

DURATION OF SESSION: 10:00am to 05:00pm

COORDINATOR: Prof. R. R. Biradar

OBJECTIVE: How to make working environment stress free.

DISCRIPTION: Mr. A. N. Deshpande has explained that the Stress is a fact of life, but being stressed out is not. We don't always have control over what happens to us, and yet, that doesn't mean we have to react to a difficult, challenging situation by becoming frazzled or feeling overwhelmed or distraught. Being overly anxious is not just a mental hazard; it's a physical one too. The more stressed out we are the more vulnerable we are to colds, flu, and a host of chronic or life-threatening illnesses. And the less open we are to the beauty and pleasure of life. We learnt various types of stresses and the reasons behind its cause. Also to get rid of stress we learnt the simple formula of 4 A's it defines Avoid, Accept, Adapt and Alter the problems and shortcomings to get relieved from the stress and anxiety.

CONCLUSION: The knowledge is really useful for the development of faculty.

PHOTO'S DURING SESSION:



(Prof. R. R. Biradar)  
(Coordinator)



(Prof. S. K. Pawar)  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's  
RAJGAD DNYANPEETH TECHNICAL CAMPUS  
(Shri Chhatrapati Shivajiraje College of Engineering)  
Dhangwadi, Tal: Bhor, Dist: Pune, 412206  
Department of Mechanical Engineering

Date: 16/01/2017

A Faculty Development Program on-'Stress Management'

Attendance report: (Teaching faculty)

Sr. No.	Name of Faculty	Sign
1.	Lahu P. Maskepatil (Mech)	
2	Prof. J.P. Borude (Mech)	
3.	Girame Omkar Rajendra (Mech)	
4	Prof. S.V. Bankar	
5.	Prof. D. A. More (Mech)	
6	Prof. A.S. Sondkar (Comp)	
7	Prof. S.R. Sutar (Civil)	
8	prof. G.B. Yadav (Comp.)	
9	Prof. Y.G. Jadhav (F.E)	
10	Prof. D.V. Dalavi (EETD)	
11	Prof. Bagul N.D. (Mech)	
12	Prof. Jadhav S.M. (Comp)	
13	Prof. S.P. Salunke (Civil)	
14	Prof. Kate J.G.	
15	Prof. Kondhalkar S.B. (CFE)	
16	Prof. P.R. Bhalkharkara (M)	
17	prof. D.G. Potdar (Mech)	
18	Prof. R.R. Biradar (Mech)	
19	Prof. R.V. Lalage (Mech)	
20	Prof. R.V. Lalage (Mech).	
21	Prof. R.S. Lavate (Mech)	
22	Prof. Sapate M.S. (ETC)	
	—	

Workshop Coordinator  
Prof. R. R. Biradar

Head  
Dent. of Mech. Engg.  
HOD

Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206





Rajgad Dnyanpeeth's  
RAJGAD DNYANPEETH TECHNICAL CAMPUS  
(Shri Chhatrapati Shivajiraje College of Engineering)  
Dhangwadi, Tal: Bhor, Dist: Pune, 412206  
Department of Mechanical Engineering

Date: 16/01/2017

A Faculty Development Program on-'Stress Management'

Attendance report: (Non-teaching faculty)

Sr. No.	Name of Faculty.	Sign
1	Malusax Nitin D. (Mech)	
2	Jagdale sudhir B. (Civil)	
3	Laxman G. Knopale (Came)	<del></del>
4	Yadav A. A (Office)	
5	Chavan R.D. (Office)	
6	Newase Gopesh Anant (Mech)	
7	waghmare M. M	
8	vikas mahadev Bathe (office)	
9	More - Somnath R.	
10	Roman Harshad Ranchand (WS)	
11	Tambe Santosh Balu (Came)	
12	A.S. Damule (Mech)	
13	Mahendar Namdev more (office)	
14	Temare Dattatray B. (Etc)	
15	Tapme V. G	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	

Workshop Coordinator  
Prof. R. R. Biradar

Head  
Dent. of Mech. Engrg.  
HOD

Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206

# SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

## REPORT OF TWO DAY WORKSHOP ON HOW TO PREPARE WINNING RESEARCH PROPOSAL

**NAME OF GUEST/EXPERT:** Prof.Dr. Chandrashekhar M. Mahajan.  
Ph.D. Physics, M.Sc. (Physics), B.Sc. (Physics)

**FROM:** Vishwakarma Institute of Technology, Pune.

**TITLE/TOPIC:**Two Day Workshop on “How to Prepare Winning Research Proposal”

**DAY & DATE:**Thursday-Wednesday, 14/12/2016-15/12/2016

**DURATION OF SESSION:**Two Days-10.00am-5.00pm

**STAFF PRESENT:**37

**CORDINATOR:**Prof. G. S. Jadhav, Dean Research and Development Cell

**OBJECTIVE:**To aware & provide information to the all staff regarding necessary information about, How to prepare winning research proposal.

**DESCRIPTION:**The expert Prof. Dr. C. M. Mahajan gives brief idea regarding writing of research proposal to all faculties. He was sharing all detail procedure regarding preparation of research proposal and submission of research proposal in their respective fields. The expert guides to staff about the ideology of research and the concept of research methodology in which the different things may arise like what is research? Why is it necessary or need of research etc. The expert gives information about different funding agencies for research e.g. DST, DBT, and MHRD etc.

**CONCLUSION:**This lecture is very beneficial to all faculties for doing a research for their future studies.

### **PHOTO DURING SESSION:**



Photo No.1 –Felicitation of Chief Guest Prof. Dr. C. M. Mahajan by Principal Prof. Dr. S. B. Patil Sir

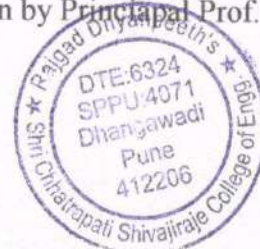





Photo No.2 –Guidance by Prof. Dr. C. M. Mahajan to all faculties

  
Prof. G. S. Jadhav

**Coordinator  
Dean R & D**

Shri Chh. Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206





Prof. Dr. S. B. Patil  
**Principal**

Rajgaon Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206

1

Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
S. No. 237, Dhangawadi, Tal- Bhore, Dist- Pune

Staff Attendance Sheet

Date: 14/12/2016

Topic: How to Prepare Winning Research Proposal

Sr. No.	Name of Staff	Department	Signature
1.	Dr. S.B. Patil	principal	
2.	prof. T.M. Dudhane	Head E&TC	
3.	prof M. B. Barikar	mech	
4.	Prof. M. S. Sapte	E&TC	
5.	Asst. prof. D. V. Dalavi	E&TC	
6.	Asst. Prof. K. R. Suryawanshi	Civil	
7.	Asst. Prof. S. R. Sutar	Civil	
8.	Asst. Prof. S. V. Bankar	Civil	
9.	Asst. Prof. Lahu P. Maskepatil	Mech	
10.	Asst. prof. Sunil M. Jadhav	comp	
11.	prof. Kondhalkar A.K	F.E	
12.	Prof. L. M. Sagale	E&TC	
13.	Prof. S.B. Kondhalkar	physic-FE	
14.	Prof. P.K. Ingawale	Mechanical	
15.	prof. R. B. Raut	physics-FE	
16.	Prof. N.D. Bagul	Mech	
17.	prof. R.S. Lavate	mechanical	
18.	Prof. D.A. More	Mech.	
19.	Prof. S.V. Ganorkar	Mechanical	
20.	Prof. S.V. Jagtap	Mechanical	
21.	Prof. R.S. Jambdar	E&TC	
22.	Prof. A.P. Sonawane	Mech	
23.	Prof. R.V. Lalge	Mech	
24.	Prof. M.H. Gholre	E&TC	
25.	Prof. S.P. Salunkhe	Civil	
26.	Prof. S.R. Shinde	E&TC	
27.	Prof. Shital M. Jadhav	Civil	
28.	Prof. G.B. Yadav	computer	
29.	Prof. J.J. Bandal	E&TC	
30.	Prof. Y.G. Jadhav	F.E	
31.	Prof. A.S. Sundkar	Computer	
32.	Prof. P.S. Nagale	Computer	



83. G. S. Jadhav  
 34. S. K. Pawar  
 35. R. R. Biradar  
 36. S. P. Patil

Civil  
 Mech  
 Mech.  
 Comp

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Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
S. No. 237, Dhangawadi, Tal- Bor, Dist- Pune

**Staff Attendance Sheet**

Date: 15/12/16

**Topic:** How to Prepare Winning Research Proposal

Sr. No.	Name of Staff	Department	Signature
1.	Dr. S.B. Patil	Principal.	
2.	Prof. T.M. Dudhane.	Head E&TC	
3.	Prof. M.B. Bankar	Mech	
4.	Prof. N.S. Septe	E&TC	
5.	Asst. Prof. D.V. Daburi	EEET	
6.	Asst. Prof. K.R. Suryawanshi	Civil	
7.	Asst. Prof. J.R. Sutar	Civil	
8.	Asst. Prop. S.V. Bankar	Civil	
9.	Asst. Prof. Lahu P. Maskepatil	Mech	
10.	Asst. Prof. Sunil M. Jadhav	Comp	
11.	Prof. Kondhalkar A.K.	FE	
12.	Prof. L.M. Sagale	E&TC	
13.	Prof. S.B. Kondhalkar	physics - FE	
14.	Prof. P.K. Ingawale	Mechanical	
15.	Prof. R.B. Raut	physics - F.E	
16.	Prof. N.D. Bagul	Mech	
17.	Prof. D.A. More	Mech.	
18.	Prof. S.V. Ganorkar	Mech	
19.	Prof. S.V. Jagtap	Mech	
20.	Prof. R.S. Lavate	mechanical	
21.	Prof. R.S. Jamdar	E&TC	
22.	Prof. A.P. Sonawane	Mech	
23.	Prof. R.V. Lalge	Mech	
24.	Prof. N.H. Ghore	E&TC	
25.	Prof. S.P. Salunkhe	Civil	
26.	Prof. Shital M. Jadhav	Civil	
27.	Prof. S.R. Shinde	E&TC	
28.	Prof. G.B. Yadav	Computer	
29.	Prof. J.J. Bandal	E&TC	
30.	Prof. Y.G. Jadhav	F.E	
31.	Prof. A.S. Sondkar	Computer	
32.	Prof. P.S. Nagale	Computer	



33	G. S. Jadhav	Civil	<del>Handwritten signature</del>
34	S. K. Pawar	mech	Handwritten signature
35	R. R. Biradar	mech	Handwritten signature
36	S. P. Patil	Comp	Handwritten signature
37	S. P. Patil	Comp.	Handwritten signature





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**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**THREE DAYS WORKSHOP FOR FACULTY DEVELOPMENT**

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Prof. Dr. S. N. Mali & Prof. M. S. Mali

FROM: SIT'S, Narhe, Pune.

TITLE OF SESSION: Necessity of NAAC accreditation.

DAY & DATE: 23<sup>rd</sup> Nov. to 25<sup>th</sup> Nov.2016 DURATION OF SESSION: 10:00am to 05:00pm

STAFF PRESENT: 47

COORDINATOR: Prof. S. K. Pawar

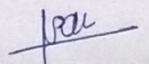
OBJECTIVE: To make awareness among the staff regarding necessity of NAAC accreditation.

DISCRIPTION: Prof. Dr. S. N. Mali & Prof. M. S. Mali have explained NAAC evaluation key aspects & Weightages with respect to seven different criteria such as I). Curricular Aspects, II). Teaching Learning Evaluation, III). Research consultancy & Extension, IV). Infrastructure & Learning Resources, V). Student Support & Progression, VI). Governance, Leadership & Management, VII). Innovations & Best Practices.

CONCLUSION: The information is really useful for the development of staff as well as institute.

PHOTO'S DURING SESSION:



  
(Prof. S. K. Pawar)

**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





Date: 23/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
1	Prof. R.V. Lalge	Mech	LRV
2	Prof. R.R. Bizadar	mech	RB
3	Prof. S.V. Ganosabhar	mech	S.V.G.
4	Prof. A.P. Sonawane	mech	[Signature]
5	Prof. R.S. Lawate	Mech	[Signature]
6	Prof. D.M. Pawar	Mech	[Signature]
7	Prof. A.S. Sondkar	computer	[Signature]
8	Prof. D.A. More	Mech	[Signature]
9	Prof. P.R. Bhalchakra	mech.	[Signature]
10	Prof. P. Maskepatil	Mech	[Signature]
11	Prof. D.G. Potdar	mech	[Signature]
12	Prof. S.R. (Civil)	civil	[Signature]
13	Prof. A.S. (Civil)	civil	[Signature]
14	Prof. D.V. Dahan	EEET	[Signature]
15	Prof. Jadhav Y. F (F-E)	F-E	[Signature]
16	Prof. Kalle J. S. (F-E)	F-E	[Signature]
17	Prof. S.V. Bunkar	Civil	[Signature]
18	Prof. Girame Omkar Rajendra	Mechanical	[Signature]
19	Prof. N.D. Bagul	Mech	[Signature]
20	Prof. S.M. Jadhav	Comp	[Signature]
21	Prof. S.B. Kondalkar	FE	[Signature]
22	Prof. S.P. Salunke	Civil	[Signature]
23	Prof. K.R. Suryawanshi	Civil	[Signature]
24	Prof. S.V. Jagtap	Mech	[Signature]

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Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date: 23/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
25	Prof. G.V. Thote	Mech	<u>G.V. Thote</u>
26	Prof. S.V. Mokashi	Mech	<u>S.Mokashi</u>
27	Prof. G.B. Yadav	Computis	<u>G.B. Yadav</u>
28	Prof. J.P. Borude	Mech	<u>J.P. Borude</u>
29	Prof. R.S. Lavate	Mech	<u>R.S. Lavate</u>
30	Ms. T.M. Duthare	ETC	<u>T.M. Duthare</u>
31	Prof. A.S. Kamate	Mech.	<u>A.S. Kamate</u>
32	Ms. D.U. Dalavi	ETC	<u>D.U. Dalavi</u>
33	Ms. Thube M.V.	ETC	<u>M.V. Thube</u>
34	Prof. D.D. Zagade	Mech	<u>D.D. Zagade</u>
35	Mrs. Dubal M.B.	ETC	<u>M.B. Dubal</u>
36	Mrs. Sapate M.S.	ETC	<u>M.S. Sapate</u>
37	Prof. J.S. Marudkar	Mech	<u>J.S. Marudkar</u>
38	Mrs. Jandaz R.S.	ETC	<u>R.S. Jandaz</u>
39	Prof. D.S. Arhad	Mech.	<u>D.S. Arhad</u>
40	Mrs. Gholare M.H.	ETC	<u>M.H. Gholare</u>
41	Prof. B.S. Siddhu	Mech	<u>B.S. Siddhu</u>
42	Mrs. Sonawane S.M.	ETC	<u>S.M. Sonawane</u>
43	Prof. R.A. Adkine	Mech	<u>R.A. Adkine</u>
44	Prof. Sagre L.M.	ETC	<u>L.M. Sagre</u>
45	Ms. Kale P.P.	ETC	<u>P.P. Kale</u>
46	Mrs. Bandal J.J.	ETC	<u>J.J. Bandal</u>
47	Prof. P.K. Ingawale	Mech	<u>P.K. Ingawale</u>
48	—		

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Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date:24/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
1 49	Prof. R.R. Bizadar	Mech	RLB
2 50	Prof. R.V. Lalge	Mech	LRV
3 51	Prof. Girame Omkar Rajendra	Mechanical	<del>Signature</del>
4 52	Prof. N.D. Bagul	Mech	Signature
5 53	Prof. Lahu P. Maskepatil	Mech	Signature
6 54	Prof. R.S. Marate	Mech	Signature
7 55	Prof. K.R. Tulcale	Civil	Signature
8 56	Prof. G.B. Yadav	Comp.	Signature
9 57	Prof. D. A. More	Mech	Signature
10 58	Prof. A. P. Sonawane	Mech	Signature
11 59	Prof. D.U. Datar	EEER	Signature
12 60	Prof. S.R. Sutar	Civil	Signature
13 61	Prof. S.V. Bankar	Civil	Signature
14 62	Prof. Y. F. Jadhav	F-E	Signature
15 63	Prof. S.M. Jadhav	Comp	Signature
16 64	Prof. A.S. Sandekar	comp	Signature
17 65	Prof. S.P. Salunkhe	Civil	Signature
18 66	Prof. J.G. Kale	F.E.	Signature
19 67	Prof. S.B. Kundalkar	FE	Signature
20 68	Prof. A.S. Boke	civil	Signature
21 69	Prof. J.P. Borude	Mech	Signature
22 70	Prof. P.R. Bhalchakra	Mech	Signature
23 71	Prof. S.Y. Ganaskar	Mech	S.Y.G.
24 72	Prof. S.V. Jogtap	Mech	Signature

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Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date: 24/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
25	Prof R.R. Bizadar	Mech	RB
26	Prof G.V. Tate	Mech	Gvtate
27	Prof R.S. Lavate	Mech	Blavate
28	Ms. T.M. Dushane	ETC	TD
29	Prof P.K. Ingawale	Mech	P.K. Ingawale
20	Miss Bandal J.J.	ETC	JJBandal
31	Mr. Kale P.P.	ETC	Kale P.P.
32	Prof Sagale L.M.	ETC	LSagale
33	Prof R.A. Adkine	Mech <del>ETC</del>	RA
34	Miss Sarawane S.M.	ETC	SM
35	Prof B.S. Siddhu	Mech	BS Siddhu
36	Miss Gholwe M.H.	ETC	MH
37	Prof D.S. Achhad	Mech	DSA
38	Miss Jamdar R.S.	ETC	RJ
39	Miss Thube M.V.	ETC	TMV
40	Mr. D.U. Dalavi	ETC	DU
41	Prof J.S. Marudkar	Mech	JMarudkar
42	Ms Kale P.P.	ETC	Kale P.P.
43	Ms. Sapate Ms.	ETC	MS
44	Mr. D.U. Dalavi	ETC	DU
45	Prof A.S. Kamate	ETC	ASKamate
46	Miss. Dubal M.B.	ETC	MBDubal
47	Prof D.D. Zagade	Mech	DDZ
48			

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Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangwadi Tal. Bhor  
Dist. Pune - 412206



Date: 25/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
1	Prof. B.S. Siddhu.	Mech	
2	Mss. Dubal M.B.	ETC.	
3	Prof. Sagte L.M.	ETC.	
4	Mss. Gholave M.H.	ETC	
5	Mrs Sonawane S.M.	ETC	
6	Prof D.S. Anahad	mech	
7	Mss. Bandal. J.J.	ETC	JJ Bandal.
8	Prof. Girame Omkar	Mechanical	
9	Prof. R.S. Lavake	mech	
10	Prof. G.B. Yadav	Comp.	
11	Prof. Baghel N.D.	Mech	
12	Prof. S.V. Banker	Civil	
13	Prof. Sutar S.R.	Civil	
14	Prof. S.B. Kondhalkar	FE	
15	Prof. S.P. Salunke	Civil	
16	Prof. A.S. Bokre	Civil	
17	Prof. K.R. Takale	Civil	
18	Prof. J.P. Borude	mech	
19	Prof. G.V. Tote	Mech	
20	Prof. P.K. Ingawale	Mech	P.K. Ingawale
21	Mrs. Kale P.P.	ETC	
22	Prof. J.S. Marudkar	Mech	
23	Mrs. Jamdar R.S.	ETC	
24	Prof. R.A. Adkine	Mech.	

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Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date: 25/11/2016

Three days workshop on-'Necessity of NAAC Accreditation'  
Attendance Report

Sr. No.	Name of Faculty	Department	Sign
25	Prof. D.M. Pawar	Mech	
26	Prof. Amruta P. Sonawane	Mech	
27	Ms. Sapate M.S.	ETC	
28	Prof. S.V. Moteashi	Mech	
29	Prof. D.V. Dalavi	E&I	
30	Prof. D.A. More	Mech	
31	Prof. Lahu P. Maskepatil	Mech	
32	Prof. Y.G. Jadhav	FE	
33	Prof. S.M. Jethan	Comp	
34	Prof. A.S. Sondkar	Comp	
35	Prof. J.G. Kale	F-E	
36	Prof. R.R. Bisadkar	Mech	
37	Ms. T.M. Dhadane	ETC	
38	Ms. Thube M.V.	ETC	
39	Prof. R.R. Biradar	Mech	
40	Prof. D.D. Zagade	Mech	
41	Prof. D.V. Dalavi	ETC	
42	Prof. P.R. Bhalchakra	Mech	
43	Prof. R.S. Lavate	Mech	
44	Prof. S.V. Ganeshkar	Mech	
45	Prof. J.P. Borude	Mech	
46	Prof. G.V. Tote	Mech	
47	Prof. R.V. Lalge	Mech	
48			

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Mechanical Engineering Dept  
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College of Engineering  
Dhangawadi Tal. Bhore  
Dist. Pune - 412206

# CONFERENCE SUMMARY REPORT

NATIONAL CONFERENCE  
ON  
RESEARCH, DESIGN AND DEVELOPMENT IN ENGINEERING,  
MANAGEMENT AND SCIENCES  
(NC-RDD-EMS-2016)  
20/03/2016.



**Organized by**  
Rajgad Dnyanpeeth's Shri Chh.  
Shivajiraje College of Engg.



**In Association with**  
AES journal in Engineering,  
Technology & Management.



**RDTC, SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING, DHANGAWADI,  
TAL: BHOR, DIST: PUNE (MAHARASHTRA)**

**PATRONS:**

**Hon'ble Anantrao Thopte**  
President (RDTC), Former Education  
Minister (Maharashtra Government)

**Hon'ble Sangramdada Thopte**  
Trustee (RDTC), MLA (M.S.)

**Hon'ble Bhagyshree S. Patil**  
Secretary, RDTC

**Dr.G.R.Kulkarni**  
Chief Editor, AES Journal

**CONVENOR:**

**Prof. (Dr.) S.B.Patil**  
Principal, RDTC, SCSCOE

**CO- CONVENOR**

**Prof. V.L.Datir**  
HOD, Mech. Engg, SCSCOE

**ORGANISING COMMITTEE**

**Prof. T.M. Dudhane, Prof. G.S.Jadhav**  
**Prof. B.D. Thorat, Prof.M.S.Sapte.**

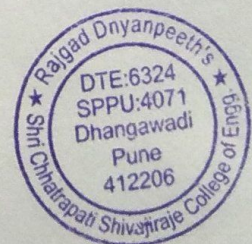


## 1. INTRODUCTION :

Rajgad Dnyanpeeth established in 1972 by Hon'ble Anantrao Thopte with wider object of bringing about intellectual awakening and transformation in education, economics, cultural and social field in Maharashtra. Rajgad Dnyanpeeth basically provide education to the student's right from primary level to the post graduate & Ph.D. level in general discipline also professional courses in Pharmacy (D. Pharm, B. Pharm & M. Pharm), Computer Science (B.C.S. & M.C.S.) Agricultural, Education (D. Ed, B. Ed, M. Ed. & M. Phil.) and Management. in 2009, Rajgad Dnyanpeeth' established Shri Chhatrapati Shivajiraje College of Engineering. Shri Chhatrapati Shivajiraje College of Engineering caters to four disciplines Computer, Electronics and telecommunication, Civil and Mechanical Engineering. The Institute is affiliated to Savitribai Phule Pune University (SPPU). Rajgad Dnyanpeeth's also caters Shri Chhatrapati Sambhajiraje Polytechnic which is affiliated to Maharashtra state board of technical education (MSBTE).

Our institute has been always supporting research and innovative activity. Institute headed by our Respective Principal sir Dr. S.B.Patil has taken initiative and planned for the Project competition and conference each year. Basic objective behind this is to motivate Undergraduate students, Academicians, Research scholars towards research. National Conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of Emerging Trends in Engineering and Technology. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Emerging Trends in Engineering and Technology.

Amoghsiddhi Education Society (AES) Journals are open-access journals (Journals with ISSN & Impact Factors ) publishing full-length research papers and review articles covering subjects that fall under the wide spectrum of Engineering, Technology and Management. The journals are dedicated towards dissemination of knowledge related to the advancement in scientific research. The prestigious interdisciplinary editorial board reflects the diversity of subjects covered.





## **2. CALL FOR SUBMISSION:**

Papers from Diploma, UG, PG, PHD Students, Faculty Members, Scientists, Researchers and Research Scholars in the following disciplines and interdisciplinary were invited.

- Mechanical Engineering
- Electrical Engineering
- Electronics and Tele communication Engineering
- Computer science Engineering
- Information Technology
- Civil Engineering
- Business management
- Computer Application
- Applied Sciences

We invited high quality submissions of papers describing original and unpublished results of conceptual, constructive, empirical, experimental or theoretical work in all area of Emerging trends in engineering, Technology, Management and sciences. The conference Solicits contribution of full length papers that addresses themes and topics for the conference. Submission that didn't comply with the instruction and size limits was rejected.

## **3. INAGURATION OF THE FUNCTION:**

National conference 2016 started with inaugural function which was honored by Patron Shri. Sangramdada Anantrao Thopte , Mrs. Bhagyshritai Patil , Keynote speaker Mr. Abhay M.Pendse, Dr.S.B. Patil ,Principal Shri Chhatrapati Shivajiraje College of Engineering, Mr. Popatrao Suke Patil, Founder , Navsahyadri Group of institute , Dr. Rajkumar Shete , Principal , Pharmacy College of Bor. The conference was launched with the warm welcome of Head of E&TC Engineering Prof. T.M.Dudhane and Principal, Dr. S.B.Patil, Shri Chhatrapati Shivajiraje College of Engineering. Principal of institute Prof. Dr. S.B.Patil presented an overview of the institute and emphasised objective of the conference.





**Lightening the candle during Saraswati Puja by patrons and Guests**

#### **4. SPEECHES IN CONFERENCE**

Mrs. Bhagyashritai Patil motivated participants for more and more research work in their respective field. Patron Mr. Sangramdada Anantrao Thopte gave motivating speech to the participants and ensured that institute will hold conference each year. Mr. Popatrao Suke Patil had Speech on this Occasion. He appreciated and praises the event.



**Prof. T.M.Dudhane welcome patron and Guests**



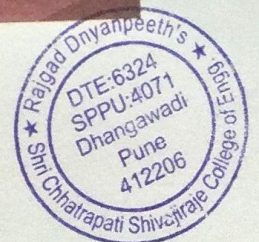


**Mrs. Bhagyashritai Patil, Hon. Secretary, RD's SCSCOE delivering Speech**

Keynote Speaker Mr. Abhay M. Pendse, Associate VP and Head, Lawkin Group had great speech on the occasion. Mr. Abhay M. Pendse Emphasised on advances in Design and Manufacturing. He delivered his thoughts on innovation, research and creativity with various examples that pleased all the participants.

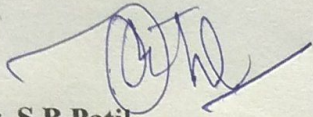


**Keynote Speaker delivering Speech on the occasion.**



## 5. ACHIEVMENT OF THE CONFERENCE 2016

National Conference on Research, Design and Development in Engineering, Management and Science 2016 was a grand successful. Total 379 papers were published in NC-RDD-EMS-2016. We believe that it was proved big event which motivated and guided our Undergraduate students, Academicians, Research Scholars and all Participants towards research activity.



**Prof. Dr. S.B.Patil**

**Convener, NC-RDD-EMS-2016**

**Principal**

Rajgad Dnyanpeeth's

**Shri Chhatrapati Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206**

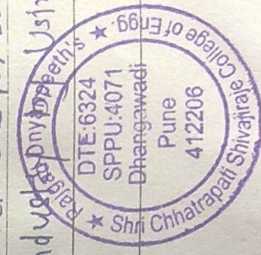


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IN ASSOCIATION WITH: AES journal in Engineering Technology & Management, Sangli.

Sr. No.	Author/Participant Name	Title of the Paper	Sign
1)	Robesh Kumar S. Lavate	A Review of Heat transfer enhancement by Nano fluid	
2)	Yadav G. B.	Survey on data leakage detection using fuzzy inference point.	
3)	Nilesh Lohar	Review on tetraoxis pneumatic heat exchangers	
4)	Meena Sarvas.	fly ash use in domestic waste water treatment as a filter Bed.	
5)	Nilesh D. Bagul	Conversion of diesel engine to Dual fuel mode using Biogas	
6)	Shrikant Sutar	Fastback methodology used in construction sector	
7)	A. S. Adat	Potential of Composite material in defense equip <sup>ts</sup> .	
8)	Vinesh Ghodap.	Columb Rubber modified bitumen	
9)	Surya N. Jadhav	Review of use of hydraulics & pneumatics for bar	
10)	Kharade Saimath	Productivity improvement in Casting Industry using Industrial Engineering tech.	

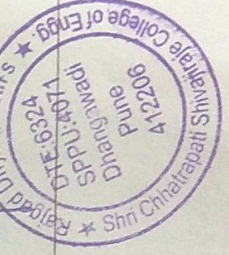


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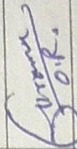
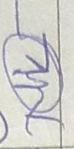

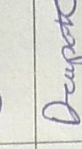
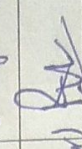

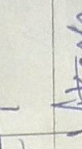
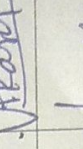
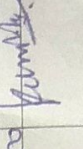
Sr. No.	Author/Participant Name	Title of the Paper	Sign
10	Prof. S.K. Pawar	Performance testing of Rice bran oil as fuel in diesel eng.	<i>S.K. Pawar</i>
11	R.S. Murgankar	Implementation of Tpm in manufacturing industries.	<i>R.S. Murgankar</i>
12	Pradmesh Shandage	Design fabrication & testing of composite leaf spring for Tata sumo Grande.	<i>Pradmesh Shandage</i>
13	Paresh R. Chaudhri	Digital display system	<i>Paresh R. Chaudhri</i>
14	Harshal Tawans	Sensor based automatic irrigation management system	<i>Harshal Tawans</i>
15	Gavali A.P.	Pneumatically material handling system.	<i>Gavali A.P.</i>
16	M.B. Karade	Smart home monitoring system	<i>M.B. Karade</i>
17	A.V. More	Energy efficient building morphology.	<i>A.V. More</i>
18	Sangram Bandure	Design & Analysis of Leaf Spring for tata ace tvc model.	<i>Sangram Bandure</i>
19	Indrajit Patil	Effect of blast load on FRCC framed structure	<i>Indrajit Patil</i>
20	A.D. Anvale	Position locator and security system for blind people.	<i>A.D. Anvale</i>

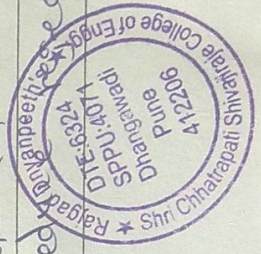


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
21.	Omkar Cinnre	Trends in Deburring process : Dry ice blasting	
22.	Nitin Phodmude	Removal of PH, TDS, TSS & colour from textile effluent.	
23.	Suraj Adse	Generation of electrolytic foam exhaust gases from Seaback effect.	
24.	Deepak chavhan	Expt. Investigation of waste Brindly sand used as P.A.	
25.	R. V. Lalge	Stress Concentration Analysis of Composite Plate (Circular)	
26.	Ombale Pramod	Design of Material handling equipment belt conveyor system for roughed Limestone using roller idlers.	
27.	Vikas N. Gavahane	Stealth and Counter stealth technology	
28.	Prav K. Kumbhar	A study on instrumentation reqd for magnetic rheological CMR fluid (char)	
29.	Dhawal chogam	Quality control & statistical techniques used to improve productivity and to reduce rejection due to casting defects.	

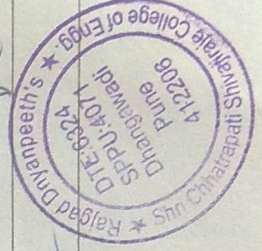


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
29.	Pradnya M. Shinde	Wireless sensor network for Auto irrigation system.	PS
30.	M. A. Bhosale	Review on Design analysis & modeling of xy-flange mechanism with Mechanical compliance	M. A. Bhosale
29	Sumit Bandal	Sharing Personal health record on Cloud using Attribute based Encryption	Sumit Bandal
29	Sagar Jadhav	Review on button operated electromagnetic gear shifting system for two wheeler.	Sagar
23	M. S. Patkhare	Developing a cost effective model of waste management plan to reduce envt. impact	M. S. Patkhare
24	Sumit A. Shedge	Integrated management & development of Village Joint An Investigation on green supply chain	Sumit A. Shedge
25	M. S. Reshma	Management in Indian construction Sector	M. S. Reshma
26	Ashish Pawar	Factors causing delay in residential, commercial and infrastructural project.	A. S. Pawar



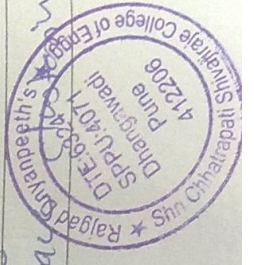


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
27	Prof. M. B. Bankar	Methods to imparting Compressive Residual Stress	<i>M.B. Bankar</i>
28	<del>Prof.</del> Prachinshale	Improvement of labour productivity in construction sector around Mumbai Region	<i>Prachinshale</i>
29	Nilesh B. Wadekar	Railway track based power generation by Rack & Pinion MBF	<i>N.B. Wadekar</i>
30	Jyoti Mahadik	Comparative Study for Detailing, Process of Reservoir (Ujani) Reservoir	<i>Jyoti Mahadik</i>
31	M. M. Matnepati	Abrasive wear Behaviour of Banana/Glass fibre reinforced hybrid Polymer composite	<i>M. Matnepati</i>
32	Sandeep Kumar	An ergonomic guideline For improving posture and	<i>S. Kumar</i>
33	Ms. Lahu P. Maskepatil	Small Capacity windmill opportunities	<i>L.P. Maskepatil</i>
34	Rajit Bankar	Development of analysis of wheel chair cum stretcher using case (software)	<i>R. Bankar</i>
35	Mr. N. P. Gaitwad	Enhancing density based Subspace in high dimensional data	<i>N.P. Gaitwad</i>

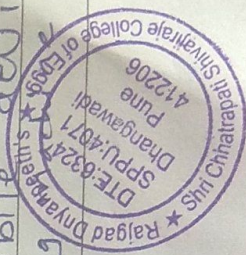


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
46.	V. A. mane	Review on Power Flow control by using static synchronous series compensation.	<i>V. A. mane</i>
47.	Ranjit P. Kothkar	Development of analysis of wheel chair arm stretchers using CAE	<i>Ranjit Kothkar</i>
48.	Chanam, S. M	Analysis of circular steel tubes with coated glass fiber Reinforced polymer	<i>Chanam</i>
49.	Smita Suryavanshi	Captcha as a graphical password - New security	<i>Smita</i>
50.	Karimani S. B.	Review of design of vedic multiple	<i>S. B.</i>
51.	Shubhangi Kulkarni	Comparison of students and student chain	<i>Shubhangi</i>
52.	Rishwojiet B. ghogane.	Using <del>finite</del> finite element analysis of Embedded based condition monitoring of car using microcontrollers	<i>Rishwojiet</i>
53.	Vinayak. A. Karkhanav	Meditation and rating in Telecom buildng	<i>Vinayak V. A.</i>
54.	Prof. Shalaka Kulkarni	Security issue in mobile devices	<i>Shalaka</i>
55.	Prof. Ravita R. Tadhar	Investeez based digital welding	<i>Ravita</i>

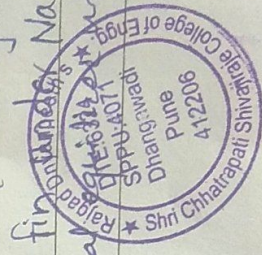


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
56	Shirode Uttam	Experimental analysis of effect of pitch Enhancing density based see variation on thermal performance of coil tube heat exchanger for heat recovery.	<i>Uttam</i>
57	Sandeep kumar K.C.	An ergonomics guideline for improving the posture condition	<i>Sandeep K.C.</i>
58	Meena V. Sanas.	Fly ash used in domestic waste water treatment as a filter bed.	<i>Meena</i>
59	Archana A. Mankar	Seismic Risk mitigation planning through cultural theory	<i>Archana</i>
60	S.D. Barawade	An investigation of optimal pitch selection to reduce self loosening of threaded fastener under transverse loading.	<i>S.D.</i>
61	Jyotsna S. chavan	Thermal Analysis of Porus fin	<i>Jyotsna</i>
62	Prof. D.V. Bathe	ANN based non-linear neural network using FPGA	<i>D.V. Bathe</i>

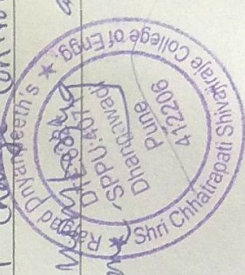


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63.	Indrajeer patil	Effect of blast load on G + R.C.C. framed structure	
64.	Nitin P. Khatmode	Removal of PH, TDS, TSS and color from textile effluent by using coagulation & Acoustic/son aquatic	
65	Umesh R. Gholap	Crumb Rubber modified bitumen	
66.	Bhalexar Akshay	Design and analysis of tech. of cold bending of glass plate	
67.	Mahikarjun N. Mathapati	Abrasive wear behaviour of banana glass fibre hybrid polymer	
68.	Akshay Dhareapanna	A wearable airbag to prevent fall injuries	
69	Sambhaji B. Tagad	Enhancement in video quality using tone Adjustment	
70.	Prof. K.R. Jadhav	Automatic machine PCB screen printing	
71.	Dattatray Bhillare	mobile to desktop data transmission Thru human body	
72.	Shreya S. Mahajan	solar grid-tied system using MPPT Charge Controller	
73.	Vinayak Nilkam	An overview - controlling & monitoring of colour using Android	

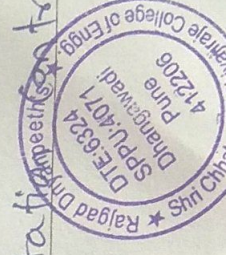


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
74.	Deepak Chaurasiya	Experimental Investigation of waste boundary sand used as replacement of fined aggregate in concrete	<u>Deepak</u>
75.	Gauravkar A.P.	Four point bending stress for mechanical evaluation of interlocking railing system	<u>Gaurav</u>
76.	Shubangi P. Wan- khele.	An efficient algorithm for face detection using color segment of energy Thresholding	<u>Shubangi</u>
77.	Ashwini K. Mahadik	Design of vehicle to vehicle communication system for cooperative collision warning	<u>Ashwini</u>
78.	Suhas S. Dhongade	Security enhancement in color image watermarking using DWT-SVD	<u>Suhas</u>
79.	Yogita Goud	Machine learning and its application : A Review	<u>Y. Goud</u>
80.	D.R. Deshmukh.	A Case study on Kosi River and flood risk management and Sedimentation control	<u>Deshmukh</u>

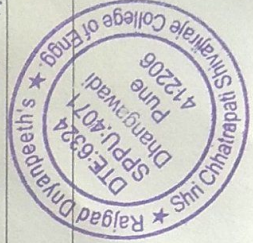


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
81.	Ashwini more	speed control of induction motor using improve z-source	Ashwini M
82.	Varad A. Karkhanis	Turbulent forced Convection in pipe flow	VAK
83.	Priti Bhor	Public Auditing using TPA on cloud	PB
84.	Manoj s. Jagtap	Artificial Intelligence in Agriculture	M.S. Jagtap
85.	S.M. Joshi	Pedestrian detecting using image process	S.M. Joshi
86.	Bhale S.B.	Survey on Intrusion detection system	Bhale
87.	Santosh S. Sargioakar	Analysis of multiplex LLC resonant Converter	Santosh S
88.	Prof. Tushar A. Rane	secure data transfer using pairing based proxy R	Tushar
89.	Sheikh R.R.	Re-Encryption in cloud	Sheikh
90.	Vijay Dabhadre	Analysis of box grider bridges with haunches	Vijay Dabhadre
91.	P.S. Nagare	Optimised Sol'n an Curvature Problem in hyperboloid Controling of AC Lamp dimmer Through Phone	Nagare

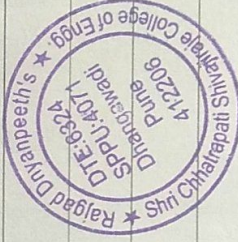


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
92	Mulani Nawaj A	Design & development of multi-operational m/c	Mulani
93	Divya K. Rahangdale	Development of Microgrids in India	Rahangdale
94	D.V. Dalavi	CIP in Pharma industry using PLC, Scada.	Dalavi
95	Prof. S.S. Somwashi	Cognitive radio's & intelligent wireless communication system	Somwashi
96	Sushant M. Patil	Roller bearing defect Analysis using experimental data based models.	Patil
97	omkar deshmukh	A case study of post river & flood risk management	Deshmukh





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**REPORT OF GUEST/EXPERT LECTURE /STUDENT/FACULTY DEVELOPMENT PROGRAM/WORKSHOP**

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Prof. Dr. Gitanjali Vaidya

FROM: PVG's College of Engineering, Parvati, Pune.

TITLE OF SESSION: Disaster Management.

DAY & DATE: Saturday, 16<sup>th</sup> Jan. 2016 DURATION OF SESSION: 02:00 to 04:00pm STAFF PRESENT: 63

CORDINATOR: Prof. S. K. Pawar

OBJECTIVE: To make awareness among the staff & students for disaster management.

DISCRIPTION: Prof. Dr. Gitanjali Vaidya has explained various techniques of disaster management such as during fire, earthquakes, during floods, diseases etc. She has explained what primary precautions to be taken when any such critical situation arises. She has also explained which kind of training is required to be given to the students as well as citizens to come out of such a dangerous situations.

CONCLUSION: Awareness is made among the staff & students for disaster management.

PHOTO'S DURING SESSION:



(Prof. S. K. Pawar)

**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206





Date: 16/01/2016

One day workshop on-'Disaster Management'

Attendance report: (Teaching)

Sr. No.	Name of Faculty	Sign
1	Prof. Sutar S.R.	Sutar
2	Prof. S.V. Bunkar	Bunkar
3	Girame Omkar Rajendra (Mech)	Girame
4	Prof. Bagul N.D. (Mech)	Bagul
5	Prof. Lahre P. Mankepatil	Lahre
6	Prof. G.B. Tadav. (Comp)	Tadav
7	Prof. D.V. Dalans (E&TC)	Dalans
8	Prof. A.S. Sondkar (Comp)	Sondkar
9	Prof. S.P. Salunke (Civil)	Salunke
10	Prof. J.G. Kale (F.E)	Kale
11	Prof. A.S. Bore (Civil)	Bore
12	Prof. K.R. Zalcede	Zalcede
13	Prof. J.P. Borude (Mech)	Borude
14	Prof. S.B. Kondhalkar (FE)	Kondhalkar
15	Prof. P.R. Bhalchakra	Bhalchakra
16	Prof. R.R. Biradar (Mech)	Biradar
17	Prof. S.N. Ghyar (Mech)	Ghyar
18	Prof. R.S. Lawate (Mech)	Lawate
19	Prof. H.S. Patil	Patil
20	Prof. A.T. Jadhav.	Jadhav
21	Prof. R.V. Lalge	Lalge
22	Prof. A.B. Gholap.	Gholap
23	Prof. S.P. Gole	Gole
24	Prof. A.P. Sonawane	Sonawane

26	Prof. P.N. Velhal	<u>PNV</u>
27	Prof. J.P. Borude	<u>J Borud</u>
28	Prof. D.M. Pawar	<u>DMP</u>
29	Prof. S.V. Ganorkar	<u>S.V.G</u>
30	Prof. S.S. Shahapure	<u>SSS</u>
31	Prof. D.G. Patkar	<u>DG</u>
32	Prof. S.V. Jagtap	<u>Svj</u>
33	Prof. S.M. Pethakar.	<u>SMP</u>
34	Prof. R.N. Krishna	<u>RNS</u>
35	Mr. T.M. Dushane (ETC)	<u>TMD</u>
36	Mr. D.U. Dalavi (ETC)	<u>DU</u>
37	Mr. Sapate M.S. (ETC)	<u>MS</u>
38	Mrs. Thube M.V. (ETC)	<u>TMV</u>
39	Mrs. Dubal M.B. (ETC)	<u>MBDubal</u>
40	Prof. Sagale L.M.	<u>LS</u>
41	Miss. Gholave M.H.	<u>GH</u>
42	Miss. Tamdar R.S.	<u>RT</u>
43	Mr. Velapure A.S.	<u>AVelapure</u>
44	Miss. Dighe S.S.	<u>SSDighe</u>
45	Mrs. Bandal Jyoti J.	<u>JJBandal</u>
46	Mrs. Jagtap. D.L.	<u>DJagtap</u>
47	Prof. A.P. Sonawane	<u>AS</u>
48	Mr. M.B. Bantkar	<u>MB</u>
49	Prof. S.S. Patil (Comp)	<u>SPatil</u>
50	Prof. S.S. Balse (Civil)	<u>A</u>
51	—	
52	—	
53	—	
54	—	

[Signature]  
H.O.D.

Dept. of Mech. Engg.  
HOD

Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhor  
Dist. Pune - 412206



Date: 16/01/2016

One day workshop on-'Disaster Management'

Attendance report: ( Non-teaching staff)

Sr. No.	Name of Faculty	Sign
1	Renuse. S. S. (mech)	Renuse
2	Tampure M.B. (office)	Tampure
3	Mahender Namdev more (office)	M.N.more
4	Tampure V. G. (office)	Tampure
5	Sapman G. Knapade	Sapman
6	Chavan R. D.	Chavan
7	Malusar N. D. (mech)	Malusar
8	waghmare M. M (mech)	waghmare
9	More Somnath P. (office)	More
10	Tampure Dattatray B.	Tampure
11	Beutke Datta A	Beutke
12	Jogdate Sudhir B. (civil)	Jogdate
13	Manoj Ramdas Kudalik	Manoj
14	—	—
15	—	—
16	—	—
17	—	—
18	—	—

H.O.D.

Dept. of Mech. Engg.  
HOD  
Mechanical Engineering Dept  
Shri Chhatrapati Shivajiraje  
College of Engineering  
Dhangawadi Tal. Bhore  
Dist. Pune - 412206



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

**REPORT OF GUEST/EXPERT LECTURE /STUDENT/FACULTY DEVELOPMENT PROGRAM/WORKSHOP**

DEPARTMENT: Mechanical Engineering

NAME OF GUEST/EXPERT: Mr. Chandrashekhar Naidu

FROM: Disaster management Z. P. Satara.

TITLE OF SESSION: Fire safety precautions.

DAY & DATE: Saturday 05<sup>th</sup> September 2015 DURATION OF SESSION: 02:30 to 04:30pm STAFF PRESENT: 50

COORDINATOR: Prof. S. K. Pawar & Prof. O. R. Girame

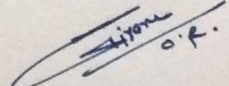
OBJECTIVE: To make awareness among the staff & students for fire safety.

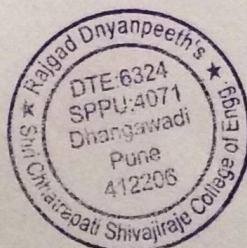
DISCRIPTION: Mr. Chandrashekhar Naidu team leader disaster management Z. P. Satara along with his assistants Mr. Kiran Mane & Mr. Digambar Basme have shown demonstration of fire extinguisher. They have explained how to make use & operate fire extinguisher in emergency situation when there is fire due to certain reason. Along with this they have explained what precaution can be taken while using LPG gas cylinder in house of everybody & how the chances of accidents can be minimized

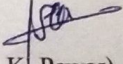
CONCLUSION: Awareness is made among the staff for fire safety precautions.

PHOTO'S DURING SESSION:



  
(Prof. O. R. Girame)  
Workshop Coordinator



  
(Prof. S. K. Pawar)  
HOD  
Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

" Gas Seminar "

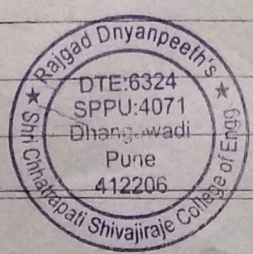
5/09/2015

	Name of Staff	Sign
1)	Sonawane A.P.	
2)	P.R. Bhattacharya	
3)	Y.G. Jadhav	
4)	J.G. Kale	
5)	A.S. Sandkar	
6)	Deepika Talele	
7)	K.B. Ramteke	
8)	Yadav G.B.	
9)	Dere A.A.	
10)	Velhal P.N.	
11)	Lalge R.V.	
12)	L.P. Maskipati	
13)	M.B. Bankar	
14)	Vanarcho Vinish N.	
15)	S.A. Bhushkute	
16)	Patil S.F.	
17)	A.D. Kulkarni	
18)	A.K. Kondhakar	
19)	M.V. Bhalke	
20)	R.B. Raul	
21)	Dore A.R.	
22)	Potdar D.G.	
23)	Pawar P.	
24)	Bonde S.P.	
25)	G.S. Jadhav	
26)	K.R. Takale	
27)	O.S. Patil	
28)	S.V. Bankar	



Name of staff	Sign
29 Andhare B. D.	
30 Sutar S. R.	
31 Kesarkar R. B.	
32 B. D. Thorat	
33 Dengirkar V. G.	
34 Ambarale K. S.	
35 Bathe V. M.	
36 Tempure. V. G.	
37 Bandel S. K.	
38 Jagdale S. B.	
39 Javan R. D.	
40 Shivtore S. D.	
41 L. M. Sagale	
42. Atpadkar. S. P.	
43. Palunke S. P.	
44. Shinde Swati	
45 M. V. Thube	
46 S. S. Diche	
47 R. S. Jomdar	
48 M. H. Gholve	
49 Girame D. R.	
50 Malusar N. D.	

HOD



Mechanical Engineering Dept  
Sri Chhatrapati Shivaji  
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Dhangawadi Tal. Bha.  
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Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bor, Dist- Pune (Maharashtra)

**Department of Electronics & Telecommunication Engineering**

**FDP on “Departmental Administration & AICTE Norms”**

**Department:** E & TC

**Name of Expert:** Prof. T. M. Dudhane

**Title of Session:** Departmental Administration & AICTE Norms

**Date & Day:** 25/7/2015 & Saturday

**Duration:** 1 Day

**Staff Present:** 31

**Coordinator :** Prof. S. P. Patil

**Objective:**

Main Objective was to explore the staff with what exactly are the rules and regulations of Departmental Administration and AICTE Norms to showcase the ideas and to get familiar about it which is very necessary to implement it in respective departments and Laboratories of the Colleges.

**Description:**

The Goal of Session was to create awareness rules and regulations of Departmental Administration and AICTE Norms. The session is very useful and informative. The session clears the idea of list of files in respective department and Laboratory, list of committee and members, AICTE Norms for department establishment and leave policies. We wish that such active interaction will be carried further to update knowledge about rules and Regulations of University and College.

At the end of session, Mr. S. P. Patil thanked every staff for their active participation and interest in activities conducted in the college by the department. He promised that department will continue its assistance in conducting these sort of workshops and seminars in future too. He personally felt very happy for the response of the Staff and satisfied with the Mr. T. M. Dudhane conducted the workshop. He mentioned about the marvelous support given by the Principal and the department in conducting these faculty Development programs.

**Conclusion:**

The Faculty Development program got the overwhelming Response and found very beneficial for college staff and responsible for future growth of Institution.



Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**  
 Shri Chhatrapati Shivajiraje College of Engineering

**Attendance Sheet for FDP on "Departmental Administration & AICTE  
 Norms"**

**Day 1: Date 25/7/2015**

Sr No	Name of Staff	Signature
1.	Prof. Dighe S.S.	
2.	Ms. Salunke S.P.	
3.	Prof. Supte M.S.	
4.	Prof. L.M. Sagale	
5.	Prof. Shinde S.R.	
6.	Prof. Thube M.V.	
7.	Prof. Jadhav G.S.	
8.	Mr. Deshmukh A.B.	
9.	Prof. Gholwe M.H.	
10.	Mr. Dore A.R.	
11.	Prof. Kulkarni A.B.	
12.	Prof. Velapure A.S.	
13.	Ms. Sonawane A.P.	
14.	Mrs. Kale J.G.	
15.	Mrs. Sandkar A.S.	
16.	Prof. Amwar M.A.	
17.	Prof. R.S. Jamdar	
18.	Prof. Biradar R.R.	
19.	Prof. Jadhav Y.G.	
20.	Prof. Sutar S.R.	
21.	Mr. Borde J.P.	





Rajgad Dnyanpeeth's  
**RAJGAD DNYANPEETH TECHNICAL CAMPUS, DHANGAWADI.**  
Shri Chhatrapati Shivajiraje College of Engineering

	Name of Staff	Signature
22.	Prof. Digamber Dewarde	<u>Dewarde</u>
23.	Prof. Kesarkar R.B	<u>R.K.</u>
24.	Prof. Wanare . A.M	<u>Wanare.</u>
25.	Prof. Takale K.R.	<u>Takale</u>
26.	Ms. Atpadkar S.P	<u>S.</u>
27.	Prof. Bhalchakra. P.R	<u>Bhalchakra.</u>
28.	Prof. S.P. Patil	<u>Spatil</u>
29.	Prof. Pawar S.K	<u>Pawar.</u>
30.	Prof. Thorat B.D.	<u>Thorat.</u>
31	Prof D.U. Dalami	<u>D.U.</u>

