

**CRITERION 6 – Governance, Leadership and Management****Key Indicator - 6.5 Internal Quality Assurance System****6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.**

The institute has constituted Internal Quality Assurance Cell (IQAC) which plays vital role to enhance the teaching-learning process. It also focuses on overall development of students through certificate programmes for skill development, training programmes, co-curricular and extra-curricular activities that expand their knowledge. IQAC has mechanisms for academic auditing and adopting quality management strategies in all academic and administrative aspects.

The committee formed under IQAC cell is given below.

Sr.No.	Designation and Affiliation	Name of Person
<b>Chairperson</b>		
1	Principal	Dr. S. B. Patil
<b>Members from the management</b>		
3	Co-ordination committee member	Mrs. Dr Bhagyashree Patil
<b>IQAC Co-ordinator</b>		
4	Co-ordinator	Prof. T. M. Dudhane
<b>Nominee from Local Society and industrialist</b>		
5	Principal, AnantraoThopte College, Bhor	Dr. P. G. Deshmukh
6	Industrialist (Industry Repr.)	Mr. D. R. Wani
7	Industrialist (Industry Repr.)	Mr. B. S. Bhosale
<b>Teacher Representatives</b>		
8	Member. HOD, Computer Engineering	Prof. M. B. Wagh
9	Member. HOD Civil Engineering	Prof. G. S. Jadhav
10	Member. HOD Mechanical Engineering	Prof. S.K.Pawar
11	Member. HOD F.E. Engineering	Prof. J. G. Kale
12	Dean Academics	Prof. D. B. Shelke
13	Dean Student Affairs	Prof. D. U. Dalavi
<b>Administrative Officers</b>		
14	Member, Administrative office	Shri G.D.Jagtap
15	Member, Estate Manager	Shri R.S.Khamkar
<b>Nominee from students, Alumni and Stake holders</b>		
16	Member of Alumni	Miss Sonali Gupta
17	Member of Student Representative	Mr. Aradhya Jagtap
18	Member of Parents Representative	Mr. Sadashiv Galande



The initiatives taken by the committee is elaborated as below.

**A. Arrangement and successful conduction of National conference on research, design and development in engineering, management & sciences-2016 (NC-RDD-EMS-2016) in association with AES journal of Engineering, Technology & Management (AES):**

The IQAC has suggested to organizing national level conference for encouraging faculties and students. The institution has organized national Conference on "Research, Design and Development in Engineering, Management & Sciences 2016 in association with **AES journal of Engineering, Technology & Management**, which was conducted by Electronics and Telecommunication Engineering Department on 20<sup>th</sup> march 2016. There were total 97 faculties and Students participated in the conference and 379 papers were presented and published in **AES journal**.

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# 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.

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.



## **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**



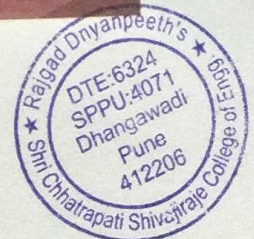


**Mrs. Bhagyashritai Patil, Hon. Secretary, RD's SCSCOE delivering Speech**

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.

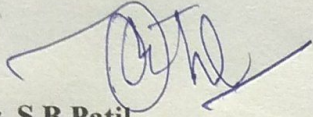


**Keynote Speaker delivering Speech on the occasion.**



## 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**





Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

Date: 02/02/2016

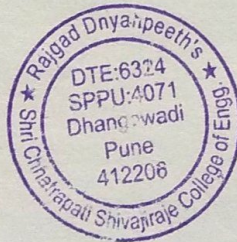
**Notice**

All staff of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering is hereby informed that our institute is organising “**National conference on Research, Design and Development in Engineering, Management and Sciences (NC-RDD-EMS-2016)**” on date 20<sup>th</sup> March. 2016. All accepted papers will be submitted in Amodhsiddhi Education Society (AES) Journal.

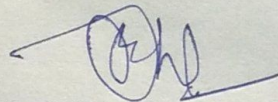
All head of departments are directed to guide and motivate your staff and final year students to submit papers for conference.

Kindly note last date of paper submission of full length paper along with registration form, Copyright Form and D.D. is 12<sup>th</sup> March.2016.

It is also informed to submit the Xerox copy of this notice to the concerned departments.



CC to,  
HOD Computer  
HOD Civil  
HOD E&TC  
HOD Mechanical  
HOD FE

  
Prof. (Dr.) S.B.Patil

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

# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,

Prof. Dr. Y. P. Nerkar  
Dean Engineering,  
Savitribai Phule Pune University,  
Pune, Maharashtra.  
411007

**Subject:** Invitation as Chief Guest for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering has organised National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as Chief Guest for National conference-2016.

Kindly accept this invitation and acknowledge the same.

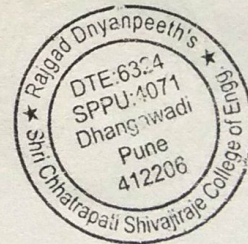
Thanking You,

Yours Faithfully,

Prof. (Dr.) S. B. Patil

Principal, RD's, SCSCOE

Convener, NC-RDD-EMS-2016



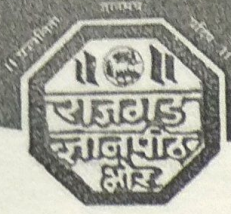
*Received & Accepted*  
*Dontkar*

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

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

**INVITATION LETTER**

To,  
Prof. Dr. D. S. Bormane,  
Director, Jaywant Sikshan Prasarak Mandal (JSPM),  
Pune, Maharashtra.

**Subject:** Invitation as a **Key note speaker** for **NC-RDD-EMS-2016** on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering has organized National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **Key note speaker** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

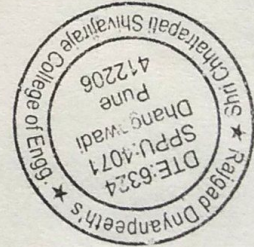
Thanking You,

Yours Faithfully,

Prof. (Dr.) S. B. Patil

Principal, RD's, SCSCOE

Convener, NC-RDD-EMS-2016



*Accepted*  
*D. Bormane*

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

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**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr. A. S. Padalkar,  
Principal, Flora Institute of Technology,  
Khopi, Tal: Haveli  
Dist: Pune, Maharashtra.

**Subject:** Invitation as a **Key note speaker** for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016

Dear Sir,

It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering has organized National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

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Kindly accept this invitation and acknowledge the same.

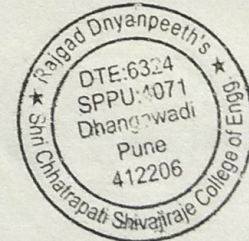
Thanking You,

Yours Faithfully,

Prof. (Dr.) S. B. Patil

Principal, RD's, SCSCOE

Convener, NC-RDD-EMS-2016



*Accepted*

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

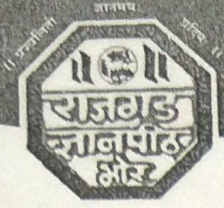
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**Dr. Bhagyashree s. Patil**

Hon. secretary

**Anantrao Thopte**

Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr. S. N. Mali  
Sinhgad Institute of Technology (SIT),  
Narhe, Pune, Maharashtra.

**Subject:** Invitation as a **Key note speaker** for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

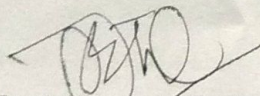
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It gives us great pleasure to invite you as **Key note speaker** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

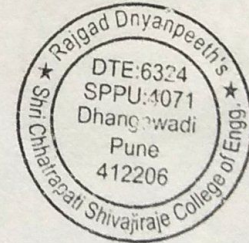
Thanking You.

Yours Faithful

  
Prof. (Dr.) S. B. Patil

Principal, RDTTC, SCSCOE

Convener, NC-RDD-EMS-2016



*Sonali Accepted*

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr. S. N. Londhe  
VIII,  
Pune, Maharashtra.

**Subject:** Invitation as a **Key note speaker** for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

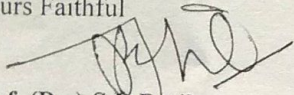
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It gives us great pleasure to invite you as **Key note speaker** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

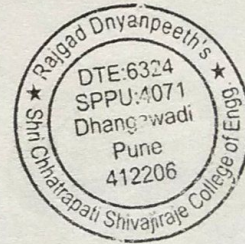
Thanking You,

Yours Faithful

  
Prof. (Dr.) S.B. Patil

Principal, RDTC, SCSCOE

Convener, NC-RDD-EMS-2016



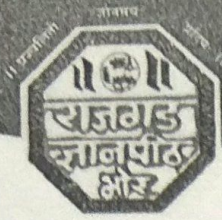
*Accepted*  
*SML*

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

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

**INVITATION LETTER**

To,  
Prof. Dr. S.S. Patil  
Bharti Vidyapeeth College of Engineering,  
Kolhapur, Maharashtra

**Subject:** Invitation as a **Key note speaker** for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTCS Shri Chhatrapati Shivajiraje College of Engineering has organised National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **Key note speaker** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

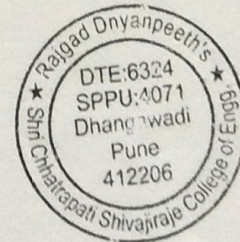
Thanking You,

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RDTC, SCSCOE

Convener, NC-RDD-EMS-2016



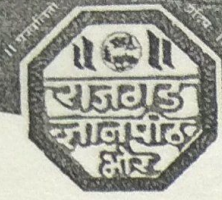
*Accepted*  
*Patil*

# Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. J. A. Hole  
Jaywant Shikshan Prasarak Mandal (JSPM),  
Pune, Maharashtra.

Subject: Invitation as a session chair for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTCS Shri Chhatrapati Shivajiraje College of Engineering has organised National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **session chair** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

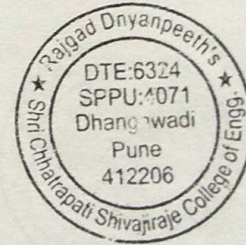
Thanking You.

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RDTC, SCSCOE

Convener, NC-RDD-EMS-2016



accepted  
J.A. Hole



# Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr. P. N. Mahalle  
Sau. Kashibai Navale College of Engineering (SKN),  
Vadgaon, Pune, Maharashtra.  
411041

**Subject:** Invitation as a **session chair** for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTCs Shri Chhatrapati Shivajiraje College of Engineering has organized National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **session chair** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

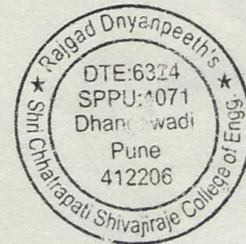
Thanking You,

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RDTC, SCSCOE

Convener, NC-RDD-EMS-2016



*Mahalle Accepted*

# Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. S. P. Patil  
Karmyogi Engineering College (KEC),  
Solapur, Maharashtra.

**Subject:** Invitation as a session chair for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTCs Shri Chhatrapati Shivajiraje College of Engineering has organised National conference 'on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **session chair** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

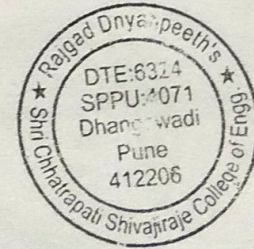
Thanking You,

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RDTC, SCSCOE

Convener, NC-RDD-EMS-2016



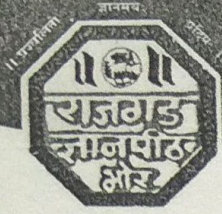
*Accepted & Reviewed  
S. Patil*

# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr. A. J. Gujar  
D. Y. Patil College of Engineering and Technology  
Kolhapur, Maharashtra

**Subject:** Invitation as a **session chair** for **NC-RDD-EMS-2016** on date 20<sup>th</sup> Mar. 2016.

Dear Sir,

It gives us immense pleasure to announce that RDTCS Shri Chhatrapati Shivajiraje College of Engineering has organised National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> March, 2016.

It gives us great pleasure to invite you as **session chair** for National conference-2016.

Kindly accept this invitation and acknowledge the same.

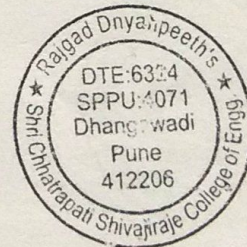
Thanking You,

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RDTCS, SCSCOE

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Hon. secretary

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Date: 01/03/2016

## INVITATION LETTER

To,  
Prof. Dr.M.S.Kumbhar  
Rajarambapu Institute of Technology,  
Sangli, Maharashtra

**Subject:** Invitation as a session chair for NC-RDD-EMS-2016 on date 20<sup>th</sup> Mar. 2016.

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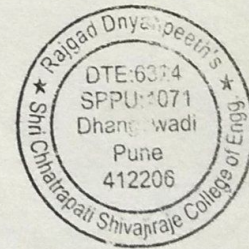
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(NC-RDD-EMS-2016)  
March 20, 2016

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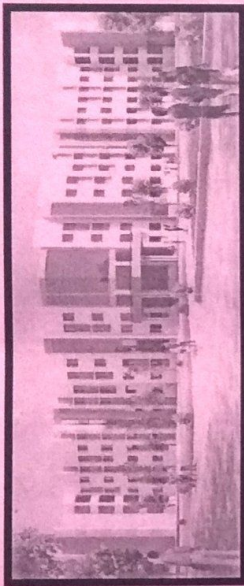
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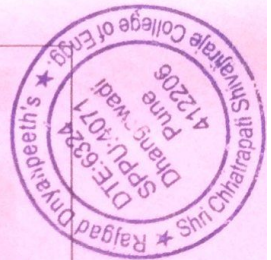
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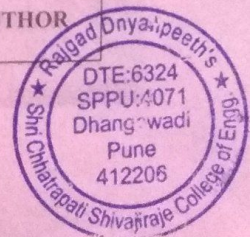
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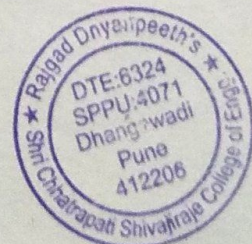
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(Name & Signature of the Author/delegate & Co-Authors)

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We authorize            Name of the Presenter            to present the paper(s)            Paper No.            during NC-RDD-EMS 2016 on our behalf. We have no objection what so ever.

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[Name & Signature of the Author(s)/Co-author(s)]

**\*Note:**

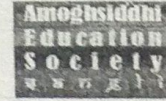
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**REGISTRATION FORM**

(One form to be filled per single registration fee paid)

Category (Student/Research Scholar/Academician):

(i) Paper Title	Power Flow control by using thyristor controlled series capacitor.
(ii) Paper ID	

Name of the Author/Delegate: R.R. Suryawanshi, S.R. Desmukh  
P.A. Petkar, M.B. Koli, Rasool Shaikh.

Organization: S.B. Patil Clg. of Engg.

Correspondence Address: A.P. Indpur Dist Pune.

E-mail: mbbankus@rajgad.edu.in Mob. # 9689307158.

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(Name & Signature of the Author/delegate & Co-Authors)

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Desmukh  
[Name & Signature of the Author(s)/Co-author(s)]

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**REGISTRATION FORM**

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**Category (Student/Research Scholar/Academician):**

(i) Paper Title	Design & Implementation of micro controller -GSM Based Domestic & Industrial local control.
(ii) Paper ID	

Name of the Author/Delegate: S.V. Kolpake, C.N. Kulkarni,  
A.S. Wagh, S.N. Khare.

Organization: S.B. Patil Clg. of Engg.

Correspondence Address: A/P :- Indapur Dist :- Pune.

E-mail: mbbansky@rajgad.edu.in Mob. # 8007741156

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Category (Student/Research Scholar/Academician):

(i) Paper Title	Speed control of DC motor using PWM Technique.
(ii) Paper ID	

Name of the Author/Delegate: V.H. Babar, P.S. Jadhav, K.B. Markad,  
M.S. Shinde.

Organization: S.B. Patil Ctg. of Engg.

Correspondence Address: A.P. :- Indapur Dist Pune.

E-mail: mbbanteer@rajgad.edu.in Mob. # 75 8862 2326

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*Jadhav*

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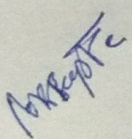
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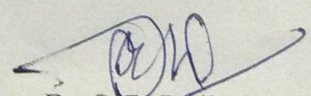
### Conference Schedule

Saturday, Date-20/03/2016		
Time	Program	Venue
10:00 am-11:00 am.	Inauguration	Seminar Hall, 2 <sup>nd</sup> floor
11:00 am-12:00 noon.	Keynote Speaker's Session	Seminar Hall, 2 <sup>nd</sup> floor
12.00 pm- 12.45 pm.	Lunch	Canteen
12.45 pm-2.45pm.- Session 1 2.45 pm-3.00 pm.- (Tea) 3.00 pm-5.00 pm - Session 2	Track 1 (Mechanical)	Room No:119(ICT-Classroom)
	Track 2 (Computer)	Room No:216(ICT-Classroom)
	Track 3 (E&Tc)	Room No: 317(ICT-Classroom)
	Track 4 (Civil, G.Sci)	Room No:105(ICT-Classroom)

  
Prof. M. S. Sapte

Coordinator



  
Dr. S. B. Patil

Convener

**Principal**

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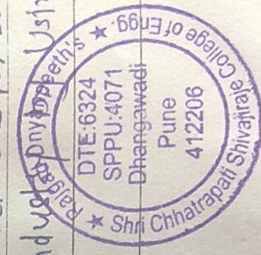


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
1)	Robesh Kumar S. Lavate	A Review of Heat transfer enhancement by Nano fluid	
2)	Yadav G. B.	Survey on data leakage detection using fuzzy inference point.	
3)	Nilesh Lohar	Review on tetraoxis 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.	

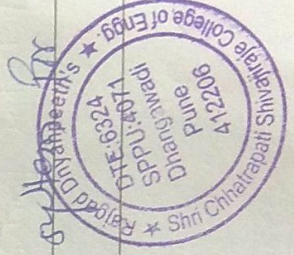


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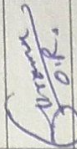
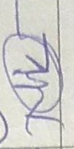

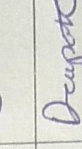
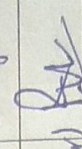

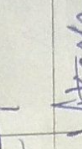
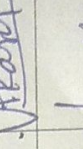
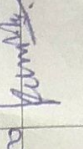
Sr. No.	Author/Participant Name	Title of the Paper	Sign
10	Prof. S.K. Pawar	Performance testing of Rice bran oil as fuel in diesel eng.	<i>S.K. Pawar</i>
11	R.S. Murgankar	Implementation of Tpm in manufacturing industries.	<i>R.S. Murgankar</i>
12	Pradmesh Shandage	Design fabrication & testing of composite 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 truck 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>

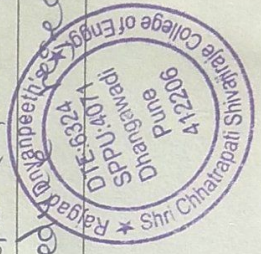


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21.	Omkar Cinnre	Trends in Deburring process : Dry ice blasting	
22.	Nitin Phodmude	Removal of PH, TDS, TSS & colour from textile effluent.	
23.	Suraj Adse	Generation of electrolytic foam exhaust gases from Seaback effect.	
24.	Deepak chavhan	Expt. 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 chagern	Quality control & statistical techniques used to improve productivity and to reduce rejection due to casting defects.	

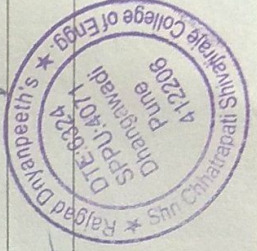


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29.	Pradnya M. Shinde	Wireless sensor network for Auto irrigation system.	P.S.
30.	M.A. Bhosale	Review on Design analysis & modeling of xy-flange mechanism with Mechanical compliance	M.A. Bhosale
29	Sumit Bandal	Sharing Personal health record on Cloud 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.P.

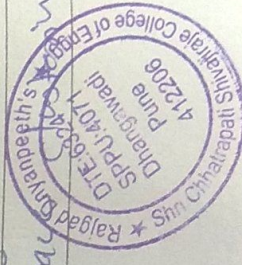


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
27	Prof. M.B. Bankar	Methods to imparting Compressive Residual Stress	<i>M.B. Bankar</i>
28	<del>Prof.</del> Prachinbale	Improvement of labour productivity in construction sector around Mumbai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

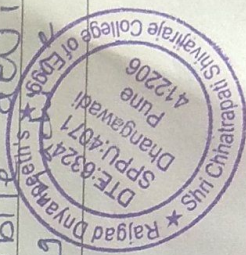


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
46.	V. A. mane	Review on Power Flow control by using static synchronous series compensation.	<i>V. A. mane</i>
47.	Ranjit P. Kothkar	Development of analysis of wheel chair cam stretchers using 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>Shub.</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. Karkhanavale	Meditation and rating in Telecom buildng	<i>V. A. Karkhanavale</i>
54.	Prof. Shalaka Kulkarni	Security issue in mobile devices	<i>Shalaka</i>
55.	Prof. Ravita R. Jadhav	Investeez based digital welding	<i>R. Jadhav</i>

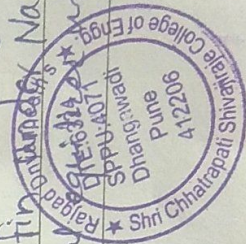


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
56	Shirode Uttamh.	Experimental analysis of effect of pitch Enhancing density based see variation on thermal performance of coil tube heat exchanger for heat recovery.	<i>Uttamh</i>
57	Sandeep 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 V.</i>
59	Archana A. Mankar	Seismic Risk mitigation planning through cultural theory	<i>Archana A.</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 S.</i>
62	Prof. D.V. Bathe	ANN based non-linear neural networks for predicting Natural Convective Heat Transfer Coefficient using FPGA	<i>D.V. Bathe</i>

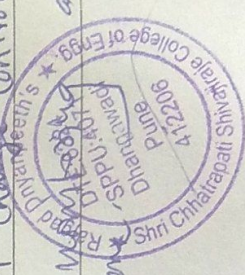


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
63.	Indrajeer patil	Effect of blast load on G + R.C.C. framed structure	
64.	Nitin P. Khatmode	Removal of PH, TDS, TSS and color from textile effluent by using coagulation & Acoustic/son aquatic	
65	Umesh R. Gholap	Crumb Rubber modified bitumen	
66.	Bhalexar Atsahay	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	



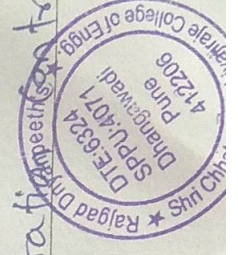


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
74.	Deepak Chaurasiya	Experimental Investigation of waste boundary sand used as replacement of fined aggregate in concrete	<u>Deepak</u>
75.	Gauravkar A.P.	Four point bending stress for mechanical 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>

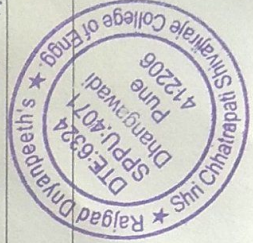


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Sr. No.	Author/Participant Name	Title of the Paper	Sign
81.	Ashwini more	speed control of induction motor using improve z-source	Ashwini M
82.	Varad A. Karkhanis	Turbulent forced Convection in pipe flow	VAK
83.	Priti Bhor	Public Auditing using TPA 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. Sargiokar	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

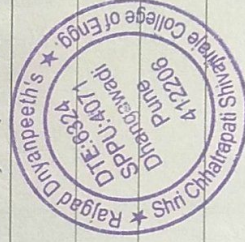


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92	Mulani Nawaj A	Design & development of multi-operational m/c	Mulani
93	Divya K. Rahangdale	Development of Microgrids in India	Rahangdale
94	D.V. Dalavi	CIP in Pharma industry using PLC, Scada.	Dalavi
95	Prof. S.S. Somwashi	Cognitive radio's & intelligent 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

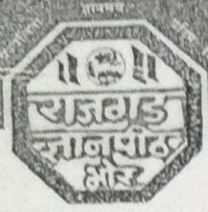


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Hon. secretary

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Maharashtra State



Date: 22/03/2016

**LETTER OF APPRECIATION**

To,

Prof. Dr. Y. P. Nerkar  
Dean Engineering,  
Savitribai Phule Pune University,  
Pune, Maharashtra.  
411007

Dear Sir,

We had immense pleasure for your attendance in National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> Mar. 2016 held at Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering.

We are very much thankful for your work as an Executive Committee member for the event. We appreciate your work thoroughly.

We will always look forward to invite you again and again and avail your valuable services.

Thanking you.

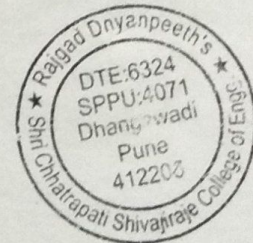
Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RD's SCSCOE

Convener, NC-RDD-EMS-2016

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*Nerkar*





Date: 22/03/2016

**LETTER OF APPRECIATION**

To,  
Prof. Dr. D. S. Bormane  
Director, Jaywant Sikshan Prasarak Mandal (JSPM),  
Pune, Maharashtra.

Dear Sir,

We had immense pleasure for your attendance in National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> Mar. 2016 held at Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering.

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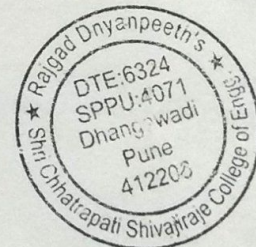
Thanking you.

Yours Faithful

Prof. (Dr.) S. B. Patil

Principal, RD's SCSCOE

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Bormane*



Date: 22/03/2016

**LETTER OF APPRECIATION**

To,

Prof. Dr. A. S. Padalkar  
Principal, Flora Institute of Technology,  
Khopi, Tal: Haveli  
Dist: Pune, Maharashtra.

Dear Sir,

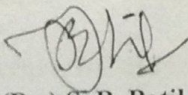
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Principal, RD's SCSCOE

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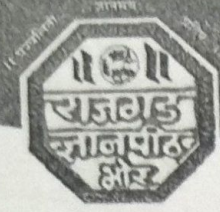


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**LETTER OF APPRECIATION**

To,  
Prof. J. A. Hole  
Jaywant Shikshan Prasarak Mandal (JSPM),  
Pune, Maharashtra.

Dear Sir,

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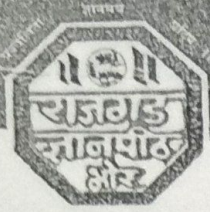
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To,  
Prof. Dr. S. N. Mali  
Sinhagad Institute of Technology (SIT),  
Narhe, Pune, Maharashtra.

Dear Sir,

We had immense pleasure for your attendance in National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> Mar. 2016 held at Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering.

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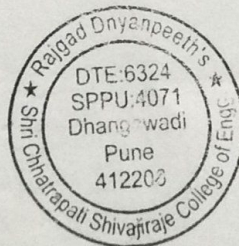
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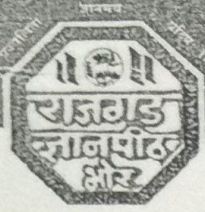
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## LETTER OF APPRECIATION

To,  
Prof. Dr. P. N. Mahalle  
Sau. Kashibai Navale College of Engineering (SKN),  
Vadgaon, Pune, Maharashtra.  
411041

Dear Sir,

We had immense pleasure for your attendance in National conference on research, design and development in engineering, management & sciences on date 20<sup>th</sup> Mar. 2016 held at Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering.

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## LETTER OF APPRECIATION

To,  
Prof. Dr. S. N. Londhe  
VIIT,  
Pune, Maharashtra.

Dear Sir,

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**LETTER OF APPRECIATION**

To,  
Prof. S. P. Patil  
Karmyogi Engineering College (KEC),  
Solapur, Maharashtra.

Dear Sir,

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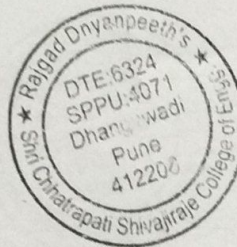
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## LETTER OF APPRECIATION

To,

Prof. Dr. A. J. Gujar

D.Y. Patil College of Engineering and Technology

Kolhapur, Maharashtra

Dear Sir,

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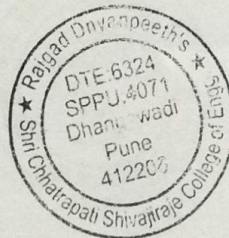
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## LETTER OF APPRECIATION

To,  
Prof. Dr. S. S. Patil  
Bharti Vidyapeeth College of Engineering,  
Kolhapur, Maharashtra

Dear Sir,

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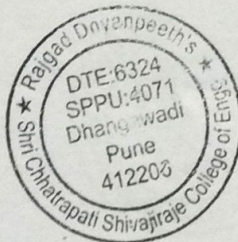
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## LETTER OF APPRECIATION

To,  
Prof. Dr. M. S. Kumbhar  
Rajarambapu Institute of Technology,  
Sangli, Maharashtra

Dear Sir,

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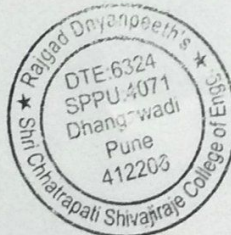
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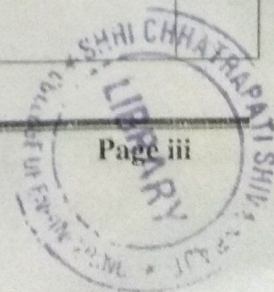
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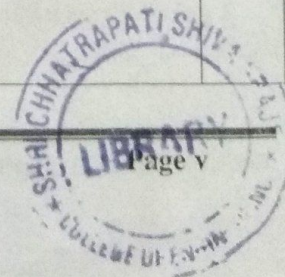
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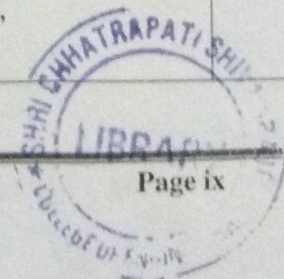
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# Overview of Flat Lapping Process

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**Abstract-** Not only for transportation purpose but also in our day to day life we are using vehicles (automobiles) after some time of their working they need servicing. Generally servicing of automobile engine is done by separating out their different parts. Lapping process is characterized by its low speed, low pressure, and low material removal rate. This process is used in achieving finer surfaces and closer fits, correction of minor imperfections, and maintaining close tolerances. During the process of lapping, the mechanisms of surface formation and removal rate are decisively influenced by the movement type of the individual grains within the lapping abrasive. So the wedge and seat ring of a valve are in continuous pressure of fluid flow and due to opening and closing of valve these component get wear and they need lapping during reconditioning. Gear is one of the most widely used power transmission element therefore for proper working of gear good surface finish should be obtained. Gear deburring is one of the most important step in lapping process. Deburring process is accomplished with floating-style heads having variable RPM air motors for turbines. The floating heads have air operated, adjustable counter weights for adjusting the pressure applied to the part being deburred, The floating heads can use grinding wheels, brushes or carbide tools, and change over from one to other can be accomplished in a matter of minutes, providing versatility for doing a number of different part of one machine

**Keywords:-** deburring, lapping,

## 1. INTRODUCTION

Lapping is a finishing operation using fine abrasive grit, applied between a lapping block and workpiece. It provides major refinements in the workpiece including extreme accuracy of dimensions, correction of minor imperfections of shape, refinement of surface finish, and a close fit between mating surfaces. Lapping can be used to

process virtually every shape of workpiece, i.e. flat surfaces, outside/inside cylindrical surfaces, ball surfaces, double-curved surfaces. However, flat lapping is the most widely used application and, hence, is the main focus of this project. For simplicity, from this point on throughout this document, "flat lapping" will be referred to as "lapping".

The process of lapping has been long considered an art with a tremendous amount of variability and subjectivity involved. Many people still have the image of the lapping process as a skilled person patiently performing the operation on parts one at a time. The lack of complete knowledge of the lapping process is being faced now by many industries, and often prevents lapping from being employed over a considerably wider set of applications. Since flat lapping has always been considered an art rather than a science, trial and error still serve as the iterative methodology of the process. The quality of lapping differs from operator to operator and the results are highly inconsistent. The material removal rate, surface finish, and flatness all depend on the proper control of lapping parameters such as lapping pressure, lapping speed of rotation, lap ring material, weight and size, abrasive size and type, workpiece material and hardness. To attain the desired outcomes, it is imperative to select proper values for the lapping control parameters. Also there are no established rules or standards for lapping that can provide general guidelines and help select the lapping parameters that are critical to the quality of lapping. As there is no established procedure for determining those critical parameters, these values are often determined using guesswork and experience. Thus, there is no way for the novice operators to acquire important lapping guidelines. They typically learn through years of experience, and sometimes mistakes.

Moving the art of lapping into a science and quantifying the results can solve many of the above problems. The following tasks were

# Advanced Parking System

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**Abstract**—Lack of space availability has always been a problem in urban areas and major cities and to add to it there are cars parked callously on the streets that further limit the space. In order to handle the issue of parking in busy places various types of vehicle parking systems are used worldwide namely Multi-level Automated Car Parking, Automated Car Parking System, Volkswagen Car Parking and many more. The present project work is aimed to develop a reduced working model of a car parking system for parking 6 to 24 cars within a parking area of 32.17 m<sup>2</sup>. It is an amalgamation of the already developed parking systems with the added advantage of reduced space occupancy by the design of a simpler and compact parking system that is rotary and occupies vertical parking space. The chain and sprocket mechanism is used for driving the parking platform and a one fourth horse power brake motor shall be implemented for powering the system and indexing the platform. The platform is fabricated to suit the working model. The procurement and manufactured items are in hand and are ready to be assembled with the structure. This model is further useful for various branches of engineering in order to develop different types of automation. By testing and analyzing the working model we can definitely get the view to develop the parking lots at difficult and busy commercial places.

## I. INTRODUCTION

It is simple to operate with the driver parking and leaving the vehicle in the system at the ground level. Once the driver leaves the incorporated safety zone the vehicle is automatically parked by the system rotating to lift the parked car away from the bottom central position. This leaves an empty parking space available at the ground level for the next car to be parked on. The parked car is easily retrieved by pushing the button for the relevant position number the car is parked on. This causes the required car to rotate down to ground level ready for the driver to enter the safety zone and reverse the car out of the system. Except vertical car parking system all other systems use a large ground area, vertical car parking system is developed to utilize maximum vertical area in the available minimum ground area. It is quite successful when installed in busy areas which are well established and are suffering with shortage of area for parking.

Although the construction of this system seems to be easy, it will be par from understanding without the knowledge of materials, chains, sprockets, bearings, and machining operations, kinematic and dynamic mechanism imagine the time that automatic smart parking systems would save you. Every time you enter your office building you have to find a parking space and spend time walking in and out of the lot as well. Imagine how much time it is costing you. Even if you just spend 5 minutes a day to park that translates to you spending more than a whole day just parking every year. If

you calculate the time you spend walking in and out of the parking lot, searching for space and such it will be easily more than the above amount. A fully automated system mimics a futuristic assembly line structure where the cars are moved to an empty platform. The platform under the car moves to a designated spot and all the other platforms are arranged so that no cars are stuck. You are able to keep track of the entire structure and spend virtually no time driving the car in the parking you. You simply drop off the car at the entrance and pick up on your way out. Aside from the comfort that the automation brings you can also save space through incorporating the park lift system as well. Through this we are able to utilize the vertical space in a parking lot that is usually wasted. You are also able to customize each stack parker so that you can fit different sized cars in each of the different slots.

## II. PROBLEM STATEMENT

1. Valuable time wasted from inconvenient and inefficient parking lots

- On average, 3.5 - 12 minutes spent waiting for a spot in urban parking lots

2. More fuel consumed while idling or driving around parking lots, leading to more CO<sub>2</sub> emissions being produced

- Average distance traveled looking for a spot = 1.2km
- Average CO<sub>2</sub> produced per car per day = 14 kg CO<sub>2</sub>

3. Potential accidents caused by abundance of moving vehicles in disorganized parking lots

- 413 accidents occurred in public parking lots in Canada last year
- There were 788 parked car collisions, 5 being fatal
- 2/3 of traffic accidents in parking lots involve only 1 moving vehicle  
Parking Structure Issue..!
- 1/3 of these accidents involved 2 moving vehicles  
Parking System Issue..!

## III. SOLUTION

This Unique Automated Mechanical Parking is designed to permit up to a maximum of 12 cars to be parked easily and safely, on the surface area required to park 2 cars. It is simple to operate with the Driver parking and leaving the vehicle in the system at ground level. Once the driver leaves the incorporated safety zone the vehicle is automatically parked by the system rotating to lift the parked car away from the bottom central position. This leaves an empty parking space available at ground level, for the next car to be parked on. The parked car is easily retrieved by pushing the button for the relevant position number the car is parked on. This causes the required car to rotate down to ground level ready for the

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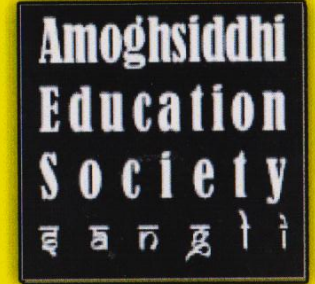
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**B. Industry Institute Interaction:**

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**1. Industry Institute Interaction**

Industry Institute Interaction under the guidance of Principal and Management members of our college is initiated. Every department is geared up to provide its quality services not only in employment to students during studies, but also their employability through well planned and organized training and personality development programs and their development to face the corporate world. Under the MoU's made with the various industries and institutes, the training/certification programs, grooming programs, group discussion with special emphasis on soft skills for the needful development of the students as an essential part of our academics. Several MOU's are signed with various Companies and Training Organization for enhancing the skill set of the students for their future recruitment.



## 2. MoU's signed with Industries and Activities

Sl. No.	Organisation with which MoU is signed	Year of signing MoU	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
1	<b>Microdynamic Software Pvt. Ltd., Pune</b>	2017-18	Workshop on Web Development	47 Student 05 Teacher
2	<b>UltraTech Cement Ltd., Pune</b>	2017-18	1. One day workshop on Skill Building in Concrete Technology  2. One day workshop on Skill Building	49 Student 04 Teacher  64 Student 10 Teacher
3	<b>Vernier Design Solution Pvt. Ltd.,</b> 804/4th floor, Kumar Saurbhi Near Laxminarayn theater, Satara Raod, Swarget , Pune, Maharashtra 411009	2017-18	STADD-PRO Certificate Short Term Course (50Hrs.)	14 Student 04 Teacher
4	<b>Speed TechServe Pvt. Ltd.(OPC)</b> S.No.3/8, Opp. Vrundavan Hall, Vetalbuwa Chowk, Narhe, Pune-411041. Email id- info@speedtechserve.com	2016-17	Industrial Visit	16 Student 02 Teacher
			Internship	18 Students



5	<b>Padmabhushan Vasantdada Patil Pratishthan's College of Engineering,</b> Vasantdada Patil Education Complex, Eastern Express Highway, Sion - Chunabhatti, Near Everard Nagar, Mumbai, Maharashtra 400022	2016-17	Faculty Exchange	4 Teacher
6	<b>Genius World Centre Pvt. Ltd.,Pune,</b> Office No.402, 3rd Floor ,Dangat Patil Empire, Near Navle Bridge,Narhe, Pune-411041	2016-17	Internship	9 Student
7	<b>Sarvesh Construction Company ,Engineers and Government Contractors,</b> Home Office-At Padmavati ,Post Bhujinj,Tal-Wai, Dist-Satara. Contact No.- 02352225521	2015-16	Internship	14 Student
8	<b>Dhruva Automation &amp; Control Private Ltd.,</b> 401-A, Sai Shilpa Buisness Center,Baner, Pune-411045.	2015-16	Internship	15 Student
9	<b>Excel Technology ,</b> Row House A-2, Green hoods, Pune-Satara Road, Katarj,Pune-411043	2015-16	1. Expert Lecture on Mini Project  2. Seminar on Recent Trends in Embedded System and RTOS	43 Student 02 Teacher  90 Student 05 Teacher
10	<b>M-CAD Training Institute,Pune,</b> Office no. 17, Shri Ganesh Vishwa Society, Opp. To Dominoz	2015-16	1.Guest Lecture on Computer Aided Design	50 Student 02 Teacher



	Pizza, Gokul Nagar, Katraj, Pune.		2. Workshop on Computer Aided Design using CATIA & AutoCAD	15 Student
11	<b>High Power Engineering Co. Pvt. Ltd., Shirwal,</b> At Post Shirwal, Tal-Khandala, Dist-Satara. Pin-412801	2014-15	Sponsored Project	03 Student 01 Teacher
12	<b>VCB Electronics Pvt. Ltd.</b> Gat No.760, Khed Shivapur, Tal-Haveli, Dist-Pune. Pin-412205.	2014-15	1. Internship  2. Industrial Visit  3. Two Days Workshop on Embedded Systems  4. Seminar on Arduinio Based Automation  5. One Days Workshop on Embedded Systems	12 Student  28 Student 2 Teacher  77 Student 05 Teacher  71 Student 04 Teacher  77 Student 05 Teacher
13	<b>Rajgad Dnyanpeeths, Anantrao Thopate College, Bhor,</b> Tal-Bhor, Dist-Pune-412206. Contact No.-02113-222710/222746 Email id- atc.bhor@gmail.com	2013-14	Faculty Exchange	05 Teacher





14	<b>Rajgad Institute of Management ,Resarch and Development, Pune</b> Opp. Dhankawadi Post office ,Satara-Pune Road,Dhankawadi, Pune-411043	2013-14	Faculty Exchange	05 Teacher
15	<b>Rajgad Sahakari Sakhar Karkhana Ltd.</b> Anantnagar, At Post Nigade, Tal. Bhore, Dist. Pune-412205	2013-14	1. Internship 2. Industrial Visit	35 Student 544 Student 14 Teacher
16	<b>Anant Dudh Pvt. Ltd., Kikavi,</b> Tal-Bhore, Dist-Pune. 412206	2013-14	1.Internship 2. Industrial Visit	16 Student 289 Student 10 Teacher





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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### 3. Sample copies of MoU's with Industry



# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**

Hon. secretary

**Anantrao Thopte**

Founder President  
Ex. Education Minister  
Maharashtra State



## Memorandum of Understanding between RD's SCSCOE & Microdynamic Software Pvt. Ltd., Pune

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day i.e. 10<sup>th</sup> July 2017

### Between:

RD's SCSCOE, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

### And

Microdynamic Software Pvt. Ltd., Nobile Manchester Building, Off. No. 9G, 5<sup>th</sup> Floor, Near Nawale Hosp. Nahre, Pune-41 (hereinafter referred to as "The Industry")

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of academic, technical and employability skills of the students of the college and as a contribution to the social and economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

### Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of The College, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

### Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Organizing workshops and other activities.
2. Create scope for curriculum development and enrichment
3. Encourage joint research activities
4. Extension Activities and dissemination of new knowledge



# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**

Hon. secretary

**Anantrao Thopte**

Founder President  
Ex. Education Minister  
Maharashtra State



## Article 1: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Initiate and support exchange of human resource on case to case basis.

## Article 4: Microdynamic Software Pvt. Ltd., Pune

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

## Article 5: Duration and termination of MoU

This MoU shall remain in force for a period of five years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

## Article 6: Amendments

Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

## Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.

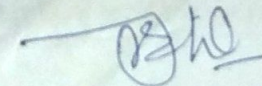


  
Microdynamic Software Pvt. Ltd.

9G, Noble Manchester, Navale IT  
Zone, Narhe, Pune-411 041.

Authorized Signatory

Microdynamic Software Pvt. Ltd.,  
Pune

  
(Dr S. B. Patil)

Authorized Signatory

RD's SCSSCOE, Dhangawadi  
Principal

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



# Microdynamic Software Pvt. Ltd.

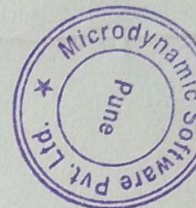
*Innovation and Excellent in Technology*

Email: [microdynamicsoftware@gmail.com](mailto:microdynamicsoftware@gmail.com)

Contact: 8055052151

Ref:2019/78

Date:



**Memorandum of Understanding between Microdynamic Software Pvt. Ltd., Pune**

**&**

**RD's-SCSCOE**

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day i.e. **26/07/2017**

**Between:**

**Microdynamic Software Pvt. Ltd., Nobile Manchester Building, Off. No. 9G, 5<sup>th</sup> Floor, Near Nawale Hosp. Nahre, Pune-41**

**And**

**RD's-SCSCOE Campus, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of academic, technical and employability skills of the students of the college and as a contribution to the social and economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

**Article 1: The Purpose of the Agreement**

The Parties are committed to enhancement of academic skills of the students of The College, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.



#### **Article 2: General Activities and Services**

The Parties will voluntarily undertake the following:

1. Organizing workshops and other activities.
2. Create scope for curriculum development and enrichment
3. Encourage joint research activities
4. Extension Activities and dissemination of new knowledge

#### **Article 3: Microdynamic Software Pvt. Ltd., Pune**

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

#### **Article 4: Role of the RD's-SCSCOE**

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Initiate and support exchange of human resource on case to case basis.

#### **Article 5: Duration and termination of MoU**

This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

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Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

#### Article 7: Statement of Intent

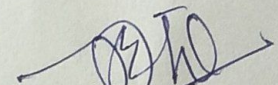
Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.



  
Microdynamic Software Pvt. Ltd.  
9G, Noble Manchester, Navale IT  
Zone, Warhe, Pune-411 041

Authorized Signatory

Microdynamic Software Pvt. Ltd., Pune

  
Authorized Signatory

RD's-SCSSCOE, Campus

**Principal**

Rajgad Dnyanpeeth's

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

# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**

Hon. secretary

**Anantrao Thopte**

Founder President  
Ex. Education Minister  
Maharashtra State



## Memorandum of Understanding between RD's SCSCOE & High Power Engineering CO. Private Limited

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date i.e. 14<sup>th</sup> June 2014

Between:

RD's-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

And

High Power Engineering CO. Private Limited, Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801 (here in after referred to as "The Industry")

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

### Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of the college, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

### Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge



# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

**Dr. Bhagyashree s. Patil**  
Hon. secretary

**Anantrao Thopte**  
Founder President  
Ex. Education Minister  
Maharashtra State



## Article 3: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

## Article 4: High Power Engineering CO. Private Limited, Khandala, Shirwal, Maharashtra

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

## Article 5: Duration and Termination of MoU

This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

## Article 6: Amendments

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## Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.

Authorized Sign & Seal



(S. B. Patil)

Authorized Sign & Seal  
**Principal**

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

**Memorandum of Understanding between High Power Engineering  
CO. Private Limited  
&  
RD's SCSCOE**

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date 14<sup>th</sup> June 2014.

**Between:**

**High Power Engineering CO. Private Limited**, Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801 (hereinafter referred to as "The Industry")

**And**

**RD's Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra**, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

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2. Enhance the understanding of the students through field experience
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4. Build a network of learning community & Industries.

**Article 2: General Activities and Services**

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge

**Article 3: Hi Power Engineering CO. Private Limited, Khandala, Shirwal, Maharashtra**  
Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

**Article 4: Role of the College**

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

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**Article 7: Statement of Intent**

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Authorized Sign & Seal



Authorized Sign & Seal  
Principal

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

**Registered / Marketing Office :**

Office No. 102, Kumar Vastu Building,  
Rangehill Road, Pune - 411 007  
Ph No.: (020) 25561620, +91 9822910121  
E-mail : sgpmktg15@gmail.com  
CIN No. : U34300MH1996PTC102922

**Works / Accounts Office :**

Gat No. 1117 / 1121, Shirwal, Tal. Khandala,  
Dist. Satara - 412 801, Maharashtra (India)  
Ph No.: (02169) 244608, +91 9881064375, +91 9822910122  
E-mail : highpowerco@gmail.com  
Web : www.highpowerco.com



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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## 4. Sample Copy of Activity under MoU



॥ प्रस्तावितो ज्ञानमयः प्रतिपः ॥

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



## INVITATION LETTER

Date: - 12/03/2018

To,

Mr. Laxman Yalmar  
Director,  
Microdynamic Software Pvt. Ltd,  
Narhe- Ambegaon, Pune

**Subject:** Invitation for conducting Three Days State Level Workshop on "Web Development"

Respected Sir,

This gives Department of Computer Engineering of SCSCOE, great pleasure to request you to conduct Three Days State Level Workshop on "Web Development" for Third and Final Year students in RD'S SCSCOE, Dhangawadi. We will be thankful to you if you can schedule it on 25<sup>th</sup> August 2017.

Waiting for your positive reply.

*Received  
Yalmar*



Prof. M. B. Wagh  
HOD

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

॥ प्रख्यलितो ज्ञानमयः प्रदीपः ॥




RajgadDnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
Department of Computer Engineering

Date: 16/03/2018

## NOTICE

All students are hereby informed that Three Days State Level Workshop on “Web Development” has been organized from 19<sup>th</sup> to 21<sup>st</sup> March 2018 at 10.00 am. All are instructed to be present for the same.



  
Prof. M.B. Wagh  
HOD  
H.O.D  
DEPTT. OF COMPUTER ENGG.  
RDTC, Shri Chhatrapati Shivajiraje  
College of Engineering, Dhangwadi,  
Pune- 412206.

**Three Days State Level  
Workshop  
On  
Web Development  
REGISTRATION FORM**

Name .....

Resignation .....

Department .....

Institution .....

E-mail ID .....

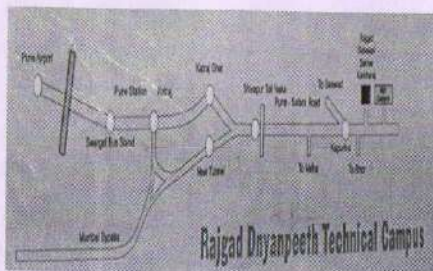
Mobile No .....

Address .....

Signature  
of Participant  
Declaration:

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

Location Map to RDTC:



**CHIEF PATRON**

**Shri. Anantrao 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.

**PATRON**

Dr. S. B. Patil, Principal, RDTC, SCSCOE

**HEAD OF THE DEPARTMENT**

Prof. M. B. Wagh, HOD Computer Engg

**WORKSHOP COORDINATOR**

Prof. M.R. More --9604374704  
Prof. R. B. Nangare - 9423111564

**ORGANIZING COMMITTEE**

- Prof. G. B. Yadav
- Prof. A.S. Sondkar
- Prof. S.M. Jadhav
- Prof. S. A. Bhuskute
- Prof. M. M. More
- Prof. R. P. Rajeshirke



**Three Days State Level Workshop  
On  
"Web Development"  
(19<sup>th</sup> to 21<sup>th</sup> March, 2018)**

In association with



Microdynamic Software Pvt. Ltd  
Organized By

**Computer Engineering Department**

**RAJGAD DNYANPEETH TECHNICAL CAMPUS  
Shri Chhatrapati Shivaji Rajee College  
of Engineering**

Gat No. 237, Pune Bangalore Highway, Dhanganwadi,  
Tal. Bhor, Dist- Pune Pin-412 206

Email: [sescoc@gmail.com](mailto:sescoc@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

- ✦ HTML / HTML5
- ✦ CSS / CSS3
- ✦ BOOTSTRAP
- ✦ JAVASCRIPT
- ✦ PHP
- ✦ ANGULAR JS

#### RESOURCE PROFESSIONAL

##### Microdynamic Software Pvt. Ltd

ADDRESS: NOBILE MANCHESTER BUILDING,  
OFFICE NO-9G, FIFTH FLOOR, NEAR NAVALE  
HOSPITAL, NARHE, PUNE 41.  
DIRECTOR: MR.LAXMAN YALMAR.

WEBSITE: [www.microdynamicsoftware.com](http://www.microdynamicsoftware.com)

EMAIL: [microdynamicsoftwaresolution@gmail.com](mailto:microdynamicsoftwaresolution@gmail.com)

CONTACT NO: 7709777007 / 7721808292

Microdynamic Software is a results-driven, full service specializing in all technologies software development, website design, mobile app development, and online marketing. We are a full-service custom application development & management IT company. The perfect blend of technical excellence, business performance monitoring, business intelligence and customer experience management is what makes us endearing to our clients.

##### Our Services:

1. Software Development
2. Web Development
3. Android Apps/ IOS Development
4. Websites
5. ERP
6. E-Commerce
7. Bulk SMS/ Emails
8. Banking
9. Digital Marketing
10. Domain Registration / Hosting

#### ABOUT COMPUTER DEPARTMENT AND WORKSHOP OBJECTIVE

Our department gives motivation to students with immense expertise, massive technical exposure & structure creative initiative. Also we have qualified and experienced team of faculty members with wider experience in different areas of computer engineering branch. By arranging industrial visits to various renowned companies to pave way for the students to get exposed to varied atmosphere. In addition to these teaching aids like OHP's & LCD Projectors and modern E-learning software's are used with the view to enhance the teaching-learning process. By arranging inter-college programmes which gives platform for the students to equip their knowledge in all fields. The objective of this workshop is to help trainees understand the real life web development and become a web developer using latest tools and trending technologies of current and future. The course outline is designed in such a manner that almost no prior knowledge is required to master the technology.

##### WHO CAN JOIN WORKSHOP

- ✦ Students of Third Year Comp/IT Eng.
- ✦ Students of Final Year Comp/IT Eng.
- ✦ All those who want to make carrier in Web Development



**Schedule for three Days workshop on "WEB DEVELOPMENT"**

**DAY 1 - DATE: 19/03/2018**

DAY & SESSION	TIME	CONTENTS /ACTIVITY
<b>DAY 1 MORNING SESSION</b>	10:00 am to 11:00 am	Inauguration session and well come to guests
	11:00 am to 11:15 am	<b>Tea break</b>
	11:15 am to 01:30 am	<ul style="list-style-type: none"> <li>• Introduction of different Web Technology</li> <li>• HTML Elements</li> <li>• HTML Attribute, Headings</li> <li>• HTML Formatting, Fonts, Styles, Links, Images</li> <li>• HTML Tables, List, Forms, Frames</li> <li>• HTML Layout, Scripts, Entities, URL Encode, Object</li> <li>• HTML YouTube, Media Tags</li> </ul>
	01:30 pm to 02:00 pm	<b>Lunch Break</b>
<b>DAY 1 AFTERNON SESSION</b>	02:00 pm to 05:00 pm	<ul style="list-style-type: none"> <li>• HTML5 Introduction</li> <li>• HTML5 Video, Audio, Geolocation (google Map)</li> <li>• Practical assignments on HTML and HML 5</li> </ul> <p><b>CSS Introduction</b></p> <ul style="list-style-type: none"> <li>• CSS Syntax</li> <li>• CSS Id &amp; Class, Styling, Backgrounds, Fonts, Links</li> <li>• Styling Lists, Tables</li> <li>• CSS Box Model, Border, Outline, Margin, Padding, Advanced</li> <li>• CSS Grouping, Dimension, Display, Positioning</li> <li>• CSS Floating, Align, Navigation Bar, Image Gallery, Media Types</li> <li>• Practical assignments on CSS and HML</li> </ul>
<b>End Day 1</b>		

**DAY 2 - DATE: 20/03/2018**

<b>DAY 2 MORNING SESSION</b>	10:30 am to 01:30 pm	<p><b>Bootstrap</b></p> <ul style="list-style-type: none"> <li>• Mobile first design</li> <li>• Why Bootstrap?</li> <li>• Including Bootstrap, Customizing install</li> <li>• Responsive Design, The "container" class</li> <li>• How Grids work in Bootstrap</li> <li>• Grid classes (.col-xs-, .col-sm-, .col-md-, .col-lg-)</li> <li>• Adding offsets to columns , Pushing and pulling columns</li> <li>• Nesting columns</li> <li>• Navigation components, Navs, Navbars</li> </ul>
	01:30 pm to 02:00 pm	<b>Lunch Break</b>



DAY & SESSION	TIME	CONTENTS /ACTIVITY
DAY 2 AFTERNOON SESSION	02:00 pm to 05:00 pm	<b>Page Components: Forms</b> <ul style="list-style-type: none"> <li>• Creating forms, Inline and horizontal forms</li> <li>• Form validation</li> </ul> <b>Bootstrap Plugins</b> <ul style="list-style-type: none"> <li>• Alert Messages, Buttons and button groups</li> <li>• Tabs, Collapse</li> </ul> <b>Extending Bootstrap with Custom Plugins</b> <ul style="list-style-type: none"> <li>• Date Time Picker, Font Awesome</li> <li>• Off-Canvas, Social Buttons</li> <li>• Practical assignments on Bootstrap</li> </ul>
	<b>End Day 2</b>	
<b>DAY 3 - DATE: 21/03/2018</b>		
DAY 3 AFTERNOON SESSION	10:30 am to 01:30 pm	<b>PHP Introduction</b> <ul style="list-style-type: none"> <li>• PHP syntax</li> <li>• PHP- MYSQL database connectivity</li> <li>• Practical assignment on PHP</li> </ul>
	01:30 pm to 02:00 pm	<b>Lunch Break</b>
DAY 3 AFTERNOON SESSION	02:00 pm to 04:30 pm	<b>Angular JS</b> <ul style="list-style-type: none"> <li>• What is angular js?</li> <li>• JS Introduction, features of Angular Js</li> <li>• DOM Manipulation</li> <li>• Login Application Example with Validation</li> <li>• Angular2 Overview, MVC Architecture</li> <li>• Data Binding, Passing data between Components</li> <li>• Practical assignment on Angular JS.</li> </ul> <b>Node JS</b> <ul style="list-style-type: none"> <li>• What is Node js?</li> <li>• Need of Node js, applications of Node js</li> <li>• Difference between Node and Angular js.</li> </ul>
	04:30 pm to 05:00 pm	<b>Valedictory session</b>
<b>End Day 3</b>		





Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engineering  
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.  
**Department of Computer Engineering**

5

Report of Workshop On "Web Development"

<u>DEPARTMENT</u>	:	Computer Engineering
<u>RESOURCE PERSON</u>	:	Mr. Laxman Yalmar (Director- Microdynamic Software Pvt. Ltd)
<u>TITLE/TOPIC</u>	:	"Web Development"
<u>DATE</u>	:	19/03/2018 to 21/03/2018
<u>DURATION OF EVENT</u>	:	10.00 AM to 5.00 PM
<u>STUDENT PRESENT</u>	:	47
<u>CO-ORDINATOR</u>	:	Prof. M. R. More
<u>PROGRAM OBJECTIVE</u>	:	<i>"To understand how to train and develop for industry"</i>
<u>CONTENTS</u>	:	<ol style="list-style-type: none"><li>1. HTML / HTML5</li><li>2. CSS / CSS3</li><li>3. BOOTSTRAP</li><li>4. JAVASCRIPT</li><li>5. PHP</li><li>6. ANGULAR JS</li></ol>
<u>PROGRAM OUTCOME</u>	:	<i>"Student will understand what is requirement of company and also how to make carrier in web Development."</i>

Prof. M. R. More  
Co-ordinator



Prof. M. B. Wagh

**HOD**  
**H.O.D**

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College of Engineering, Dhangwadi,  
Pune- 412206.



Rajgad Dnyanpeeth's  
**Shri Chhatrapati Shivajiraje College of Engineering**  
 Department of Computer Engineering  
 Academic Year-2017-18

**T. E. Attendance for Three Days Workshop on "Web Development"**

Roll No.	Name of Student	Attendance					
		Day 1		Day 2		Day 3	
		Date -> 3/19/2018		3/20/2018		3/21/2018	
		Morning	Evening	Morning	Evening	Morning	Evening
1	BADAK SHRUTI BALAKRISHNA	-AB-	-AB-	-AB-	-AB-	-AB-	-AB-
2	AWALE PRADNYA SWAMI	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya
3	BHOSALE RAJAT RAMESH	R.Bhosale	R.Bhosale	R.Bhosale	R.Bhosale	R.Bhosale	R.Bhosale
4	BODAKE ANKITA SARJERAO	Abdake	Abdake	Abdake	Abdake	Abdake	Abdake
5	CHAVAN ASHWINI UTTAM	Ashwan	Ashwan	Ashwan	Ashwan	Ashwan	Ashwan
6	DHOTRE SAVITA KISAN	Savita	Savita	Savita	Savita	-AB-	-AB-
7	DIVEKAR SNEHAL ARUN	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal
8	DOLARE NAGNATH M.	-AB-	-AB-	-AB-	-AB-	-AB-	-AB-
9	DUDHANE PRAJAKTA P.	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
10	GARJE SHUBHANGI RAJARAM	Garje	Garje	Garje	Garje	Garje	Garje
11	GHATE NILIMA KISHOR	Nilima	Nilima	Nilima	Nilima	Nilima	Nilima
12	JAGTAP CHAITALI C.	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali	Chaitali
13	KADAM ANKITA RAJENDRA	Ankita	Ankita	Ankita	Ankita	Ankita	Ankita
14	KADAM KOMAL DATTATRAY	Komal	Komal	Komal	Komal	Komal	Komal
15	KHEDEKAR PRIYA ANKUSH	Priya	Priya	Priya	Priya	Priya	Priya
16	KUDALE JAYSHRI RAJENDRA	Rudale	Rudale	Rudale	Rudale	Rudale	Rudale
17	KUMKAR JYOTI CHANDRAKANT	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
18	LAD VISHAL DATTATRAY	-AB-	-AB-	-AB-	-AB-	-AB-	-AB-
19	LOLE ARCHANA SATYAWAN	-AB-	-AB-	-AB-	-AB-	-AB-	-AB-
20	MAJGAONKAR SWEDIT SUDHIR	Swedit	Swedit	Swedit	Swedit	Swedit	Swedit
21	MALEKAR AJIT NATTHU	Ajit	Ajit	Ajit	Ajit	Ajit	Ajit
22	MANDALE RUPALI RAJESH	R.Mandale	R.Mandale	R.Mandale	R.Mandale	-AB-	R.Mandale




Rajgad Dnyanpeeth's  
**Shri Chhatrapati Shivajiraje College of Engineering**  
 Department of Computer Engineering  
 Academic Year-2017-18

**B.E. Attendance for Three Days Workshp on "Web Development"**

Roll. No.	Name of Student	Attendance					
		Day 1		Day 2		Day 3	
		3/19/2018		3/20/2018		3/21/2018	
		Morning	Evening	Morning	Evening	Morning	Evening
1	Ms. MAHANGARE MAYURA S	Mayura	Mayura	Mayura	Mayura	Mayura	Mayura
2	Ms. BATHE POOJA PRASHANT	Bathe	Bathe	Bathe	Bathe	Bathe	AB
3	Ms. MALSUSARE SONALI ANIL	Sonali	Sonali	Sonali	Sonali	Sonali	Sonali
	Ms. THEURKAR SUPRIYA SURESH	Supriya	Supriya	Supriya	Supriya	Supriya	Supriya
5	Mr. KHATPE AKSHAY PRAKASH	AB	AB	AB	AB	AB	AB
6	Ms. ROMAN PRANITA DATTATREY	Roman	Roman	Roman	Roman	Roman	Roman
7	Ms. SADEKAR MAYURI B	Sadekar	Sadekar	Sadekar	Sadekar	Sadekar	Sadekar
8	Ms. KAMTHE CHAITALI RAJENDRA	Kamthe	Kamthe	Kamthe	Kamthe	Kamthe	Kamthe
9	Ms. KOLPE MONIKA DILIP	Kolpe	Kolpe	Kolpe	Kolpe	Kolpe	Kolpe
10	Ms. KADAM AISHWARYA MAHESH	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
11	Mr. JAGTAP MANOJKUMAR S	AB	AB	AB	AB	AB	AB
12	Mr. PAWAR HARSHAL RAMESH	Harshal	Harshal	Harshal	Harshal	Harshal	Harshal
13	Ms. GHAVHANE KETAKI DATTATREY	Ketaki	Ketaki	AB	Ketaki	Ketaki	Ketaki
14	Mr. BHOSALE AKSHAY PRASHANT	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
15	Ms. M.P SHALINMATH NASLI	AB	AB	M.P Shalinmath	M.P Shalinmath	AB	AB
16	Mr. AWADE MILIND SHRAVAN	Milinda	Milinda	AB	AB	Milinda	AB
17	Ms. DUBBAL GAZAL PARVEEN	Gazal	Gazal	Gazal	Gazal	Gazal	Gazal

  
**Workshop Coordinator**  
 Prof. M.R. More



  
**HOD**  
 Prof. M.B. Wagh  
**H.O.D.**

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 Pune- 412206.

23	MATOLE SUPRIYA GOVIND	<del>Amalote</del>	<del>Amalote</del>	<del>Amalote</del>	<del>Amalote</del>	<del>Amalote</del>	<del>Amalote</del>
24	MOZAR PRATIKSHA VIKAS	<del>Feak</del>	<del>Feak</del>	<del>Feak</del>	<del>Feak</del>	<del>Feak</del>	<del>Feak</del>
25	PAPAL SURAJ KAILAS	<del>-AB-</del>	<del>Spopal</del>	<del>Spopal</del>	<del>-AB-</del>	<del>Spopal</del>	<del>Spopal</del>
26	PAWAR JYOTI MOHAN	<del>Pawg</del>	<del>Pawg</del>	<del>Pawg</del>	<del>Pawg</del>	<del>Pawg</del>	<del>Pawg</del>
27	PAWAR ROHAN SURYAKANT	<del>PSpawr</del>	<del>PSpawr</del>	<del>PSpawr</del>	<del>PSpawr</del>	<del>PSpawr</del>	<del>PSpawr</del>
28	PAWAR SANTOSH YASHWANT	<del>SAB</del>	<del>SAB</del>	<del>SAB</del>	<del>SAB</del>	<del>SAB</del>	<del>SAB</del>
29	RAJESHIRKE ANKITA AVDHUT	<del>Rajeshirke</del>	<del>Rajeshirke</del>	<del>Rajeshirke</del>	<del>Rajeshirke</del>	<del>Rajeshirke</del>	<del>Rajeshirke</del>
30	SANAS MONIKA BHAGAVAN	<del>-AB-</del>	<del>-AB-</del>	<del>ssanas</del>	<del>-AB-</del>	<del>-AB-</del>	<del>-AB-</del>
31	SASTE RAJASHREE RAJARAM	<del>-AB-</del>	<del>SJaya</del>	<del>SJaya</del>	<del>-AB-</del>	<del>SJaya</del>	<del>SJaya</del>
32	SHILWANT SHWETA M.	<del>Shilw</del>	<del>Shilw</del>	<del>Shilw</del>	<del>Shilw</del>	<del>Shilw</del>	<del>Shilw</del>
33	SONAWANE DIPAK MANIK	<del>Manaw</del>	<del>Manaw</del>	<del>Manaw</del>	<del>Manaw</del>	<del>Manaw</del>	<del>Manaw</del>
34	TANPURE TEJASWINI KISAN	<del>Teppure</del>	<del>Teppure</del>	<del>Teppure</del>	<del>Teppure</del>	<del>Teppure</del>	<del>Teppure</del>
35	WALGUDE NARAYAN KANTA	<del>-AB-</del>	<del>-AB-</del>	<del>-AB-</del>	<del>-AB-</del>	<del>-AB-</del>	<del>-AB-</del>
36	YADAV DHANARAJ JALINDAR	<del>Davy</del>	<del>Davy</del>	<del>Davy</del>	<del>Davy</del>	<del>Davy</del>	<del>Davy</del>
37	ZANJE SUPRIYA ANNA	<del>Szanje</del>	<del>Szanje</del>	<del>Szanje</del>	<del>Szanje</del>	<del>Szanje</del>	<del>Szanje</del>

Workshop Coordinator  
Prof. M.R.More



HOD  
Prof.M.B.Wagh  
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॥ प्रवृत्तिको ज्ञानमयः प्रतिष्ठः ॥

Rajgad Dnyanpeeth's

# Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil  
Hon. secretary

Anantrao Thopte  
Founder President  
Ex. Education Minister  
Maharashtra State



## CONDUCTION LETTER

Date: - 21/03/2018

To,

Mr. Laxman Yalmar  
Director,  
Microdynamic Software Pvt. Ltd,  
Narhe- Ambegaon, Pune

We express our immense gratitude for having you at our college to conduct a fabulous sessions on "Web Development". It was our pleasure for having a person like you at our Institute. We take this opportunity to tell you this with pride that our students thoroughly enjoyed your entire sessions. We would like to know if you ever need our support.

Thank you so much.

Received  
Yalmar



Prof. M. B. Wagh  
HOD

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





Microdynamic  
Software

## Certificate of Participation

This is to certify that Mr./Ms. ROMAN PRANITA DATTATREY has participated in days  
workshop on Web Development at Rajgad Dnyanpeeth Technical Campus  
Bhor Pune. on 19th to 21st March 2018.

organized by - Microdynamic Software



(Authorized Signatory)

**Mr. Laxman Yalmar**  
Director

Microdynamic Software Pvt. Ltd.  
9G, Noble Manchester, Navale IT  
Zone, Narhe, Pune-411 041

Place: Narhe, Pune

Rajgad Dnyanpeeth's  
**Shri Chhatrapati Shivajiraje College of Engineering**  
**Department of Computer Engineering**

**Student Feedback Form**

Three Days workshop on "WEB DEVELOPMENT" at Computer Engineering Department

SCALE: 1-POOR; 2-FAIR; 3-GOOD; 4-VERY GOOD; 5-EXCELLENT						
Please tick the appropriate number for all statements & provide feedback in the comments box						
	1	2	3	4	5	Comments If Any
1. The course met its stated aims and objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. The material was presented in a clear and organized manner.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. The event was paced appropriately.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. The event facilities were appropriate and satisfactory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. The trainer was well prepared.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. The trainer responded to questions in an informative, appropriate and satisfactory manner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Overall, the sessions were informative and valuable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8. What aspects of the event, if any, would you change in future? Why?	Keep more practice					
9. Which session/elements of the event did you find most useful? Why?	bootstrap, AngularJS, because sir explain this with practical.					
10. Do you have any suggestions for future workshop/events that you would like us to organize?	this workshop will be conducted for every year student in future.					
11. What new skills have you learnt from the event that you think you will be able to put into practice?	How to design website this actually I learn and How many ways I can develop.					

*Thank you for participating, we appreciate your feedback!!!*