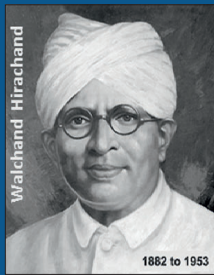




WCE Brochure: 2016-17

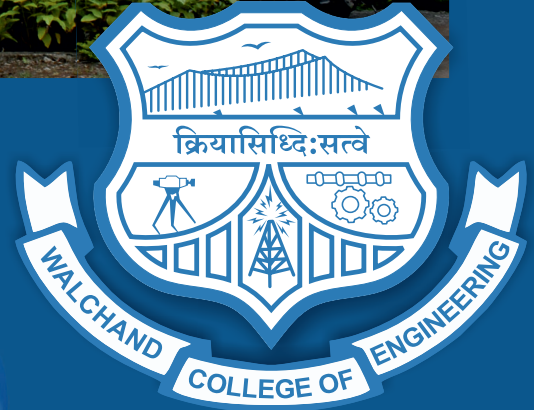


Dhondumama Sathe



Walchand Hirachand

1882 to 1953



Established : 1947

NAAC & NBA Accredited

# WALCHAND COLLEGE OF ENGINEERING

*An Autonomous Institute Approved by AICTE*



# Glimpse of WCE



Prof. Lueny Morell, USA conducted workshop on "Strategic Planning and Revamping of Curriculum" 9<sup>th</sup> -14<sup>th</sup> January 2015



Mr. Han Id Gun, Mind Education Specialist from South Korea delivered a session on "Introduction to Mind Education" on 20<sup>th</sup> September 2016. WCE faculty and students attended in Tilak Hall.



Visit of NBA Committee for Accreditation of 5 UG Programs during January 15-17<sup>th</sup>, 2016. Received NBA Accreditation for Civil Engineering (5 years); Mechanical, Electrical, Electronics and IT (for 2 years) w.e.f. 01-07-2016.

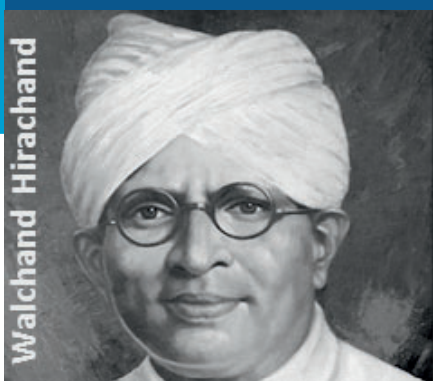


Padma Vibhushan Dr Anil Kakodkar and Dr. A.V. Sapre, from RGSTC visited WCE Sangli on 21<sup>st</sup> October 2016 for TIFAC Project Selection



# CELEBRATING 65+ YEARS

A proud heritage of education to our India



## WCE at Glance

- 1947 -** Established on **23<sup>rd</sup> June 1947** by Late **Shri Dhondumama Sathe** as **New Engineering College**, It is **3<sup>rd</sup>** oldest Engineering Colleges in Maharashtra
- 1955 -** Name changed to **Walchand College of Engineering**
- 1971 -** First in Shivaji University Kolhapur (SUK) to start **PG programs** and **Only Research Center** in engineering till 2004
- 1977 -** Started **90% Grant in Aid from Government of Maharashtra**
- 2003 -** Selected for World Bank Funded **TEQIP** Phase –I & II funding. **1<sup>st</sup>** in SUK to get NBA for 5 UG Programs
- 2007 -** **1<sup>st</sup> Autonomous Institute** in SUK.
- 2012 -** **1<sup>st</sup>** in SUK to get **NBA** for 5 PG Programs
- 2014 -** **UGC Extended the Autonomy** till 2020
- 2016 -** NAAC Accreditation of '**A**' Grade with 3.25 Score out of four.

## VISION

- To produce capable graduate engineers with an aptitude for research and leadership

## MISSION

- To impart quality education through demanding academic programmes.
- To enhance career opportunities for students through exposure to industry.
- To promote excellence by encouraging creativity, critical thinking and discipline.
- To inculcate sensitivity toward society and a respect for the environment

## OBJECTIVES

- To achieve excellence in learning and research through continual improvement in both content and delivery of the academic programmes.
- To promote close interaction among industry, faculty and students to enrich the learning process and enhance career opportunities for students.
- To develop state-of-the-art laboratories and other infrastructure commensurate with the need of delivering quality education and research services.
- To strengthen the Institution through network of alumni and optimize use of resources by leveraging inter – departmental capabilities.
- To provide opportunities and ensure regular skill. Up - gradation of faculty and staff through structured training programmes.



**Late Shri. Dhondumama Sathe**

The Founder of Walchand College of Engineering



## SHRI AJIT GULABCHAND : OUR CHAIRMAN

### Shri Ajit Gulabchand – a leading industrialist is

- Chairman and Managing Director of Hindustan Construction Company Ltd. (HCC) one of the largest civil construction company in India. Under his leadership, the HCC has constructed 25% of India's hydro-electricity power, more than 50% of its nuclear power, some 34,000 kilometers of expressways and highways, and more than 320 bridges.
- A member of the Governor's Steering Board of the Infrastructure and Urban Development Community at World Economic Forum, Geneva.
- Founder Member and Chairman of Disaster Resource Network India and a member of the Advisory Board of United Nations Disaster Risk Reduction – Private Sector Partnership.
- Associated as director with various companies.
- Actively involved in educational institutions and business associations.
- Also keen follower and supporter of sports and a philanthropist having been associated with several private charitable trusts.

### Members of the Administrative Council (2016-2019)

SN.	Name of Member	Representing
1.	Shri Ajit Gulabchand	WHM Trust
2.	Shri Sanjay Kaka Patil	WHM Trust
3.	Shri Vijay B. Pusalkar	MTE Society
4.	Dr. V. N. Gupchup	MTES/WHM Trust
5.	Shri Chakor N. Gandhi	MTES/WHM Trust
6.	Shri R. P. Purohit	MTES/WHM Trust
7.	Dr. R. Unnikrishanan	Govt. of India (AICTE - RO, ex-officio)
8.	Vacant	AICTE (Nomination awaited)
9.	Dr. Shivajirao Kadam	UGC/AICTE -(VC of Bharti Vidyapeeth, Pune)
10.	Dr. S. K. Mahajan	State Govt. – Official Director of Technical Education (ex-officio)
11.	Vacant	State Govt. – Non Official (Nomination awaited)
12.	Dr. D. R. More	Shivaji University, Kolhapur
13.	Dr. G. V. Parishwad	Director - WCE & Member Secretary (ex-officio)
14.	Dr. P. J. Kulkarni	Faculty - Invitee
15.	Dr. Anil P. Vaidya	Faculty - Invitee

### Key Functionaries

Prof. Dr. G.V. Parishwad	Director
Prof. Dr. P.J. Kulkarni	Dy. Director
Prof. Dr. D.B. Kulkarni	I/c Registrar
Dr. G.R. Munavalli	I/c Dean-Academics
Dr. K.S. Gumaste	I/c Dean-Quality Assurance
Prof. Dr. A.P. Vaidya	Dean-Research & Development
Dr. V.D. Salkar	I/c Dean-Planning
Dr. B.G. Patil	I/c Dean-Students Welfare & I/c HOD-Electronics
Shri S.B. Dhaygude	I/c Dean-Industry & Alumni Interactions
Prof. Dr. P.G. Sonawane	HOD-Civil
Prof. Dr. U.A. Dabade	HOD-Mechanical
Dr. D.S. More	I/c HOD-Electrical
Dr. Ms. S.H. Bhandari	I/c HOD-Computer Sci. Engg.
Dr. Smt S.P. Sonawane	I/c HOD-Information Technology
Prof. Dr. S.N. Tande	HOD-Applied Mechanics
Dr. S.B. Joshi	I/c HOD-Science & Humanities
Dr M.M. Waware	Controller of Examination
Dr. K.H. Inamdar	Chief Rector
Smt P.N. Savgave	Ladies Rector
Shri D.B. Hankare	I/c Librarian
Shri R.G. Bhosale	I/c Vice Principal-Polytechnic Wing

## Intake and Starting Year of Diploma Courses

SN	Program	Starting Year	Intake
1	Civil Engineering	1955	40
2	Electrical Engineering	1955	60
3	Mechanical Engineering	1955	60
4	Industrial Electronics	1970	40
Total First-Year-Intake			*200

## NBA Accreditation: UG Programs

Sr. No.	UG Programs	Start Year	Intake	NBA-I	NBA-II	NBA-III
1	Civil Engineering	1947	60	2003-08 (5)	2016-21 (5)	--
2	Mechanical Engg.	1955	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
3	Electrical Engg.	1955	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
4	Electronics Engg.	1986	60	2003-06 (3)	2007-12 (5)	2016-18 (2)
5	Computer Sci. Engg.	1986	90	2003-06 (3)	2007-10 (3)	2013-15 (2)
6	Info. Technology	2001	60	2016-18 (2)		
Total First Year Intake		<b>390+TFWS 20+NRI 39+Gulf 19 (=468)+DSY 78</b>				

Accreditation of Five UG programs may increase by One year  
NBA for **CSE** will be applied

## NBA Accreditation: PG Programs

Sr. No.	PG Programs	Start Year	Current Intake	NBA-I	NBA-II
1	Civil-Environment Engg	1971	18	2013-16 (3)	**
2	Civil-Structural Engg	1971	30	2012-15 (3)	2016-21 (5)
3	Mech-Production Engg	1995	30	2013-16 (3)	**
4	Mech-Design Engineering	1971	30	2012-15 (3)	2016-18 (2)
5	Mech.-Heat Power Engg	1971	18	**	
6	Electrical-Control Systems	1971	18	2012-15 (3)	2016-18 (2)
7	Electrical-Power Systems	1971	18	**	
8	Electronics Engineering	1987	30	2012-15 (3)	2016-18 (2)
9	CSE-Computer Science Engg	1998	30		
10	CSE-Information Technology	2012	18	2016-21 (5)	
Total First Year Intake			<b>240</b>		

\*\* Applied

## PhD Programs

- Recognized **Research Center** of SUK in all Engg since 1971
- Also recognized as **QIP minor research centre** with two Ph.D. seats for each Branch from 2012
- Currently more than 100 students are pursuing their PhD at WCE

## Fees Structure 2016-17

Fees in Rs.	Diploma	UG	PG	PhD-SUK	PhD-QIP
Tuition Fees	6000	15000	15000	12000	25000
Development Fees	1000	29614	28285	5000	12500
Other Fees	855	22231	28785	5000	9500
SUK Exam Fees	200	3455	17130	5500	8000
<b>Total Fees</b>	<b>8055</b>	<b>70300</b>	<b>89200</b>	<b>27500</b>	<b>55000</b>

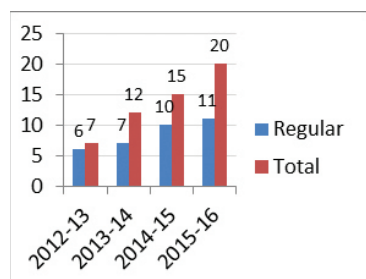
- UG Programmes receive Government-Aid and Fee Structure of this Programme is decided by DTE. Tuition Fee is returned to the Government
- PG and PhD are the Self Finance Courses. Salary and other expenses are paid from the fees of these programmes

## Ajit Gulabchand Central Library Collection

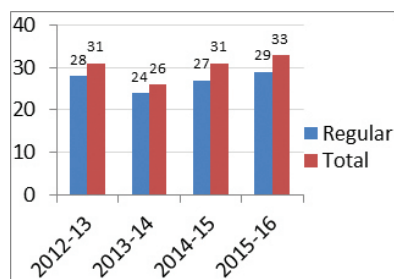
Amount in Rs. Lacs

SN	Title	Total Qty	Qty & Amt. in 2016
1	Books	Volumes 103568 Titles 41966	Volumes:1881; Titles:752; Rs.8.75
2	Print journals and Magazines	National Journals: 103 Int.Journals 13	National:108; Int.Journal:13; Rs.2.49
3	E- Journals and E-books	20410 and 2253	EJ:Rs.26.11; EB:Rs.7.34
4	Total No. of PG Dissertations	2363	216
5	Educational Video Cassettes	77	-
6	Microfiche	1700	-
7	Total No. of A.V. Cassettes	19 sets	-
8	Total No. of CD's /DVD's	3697	55
<b>Total Amount Spent in Last One Year</b>			<b>Rs. 60.92 Lacs</b>

### Faculty Cadre: Professor



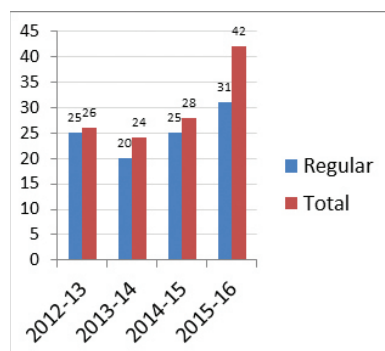
### Faculty Cadre: Associate Professor



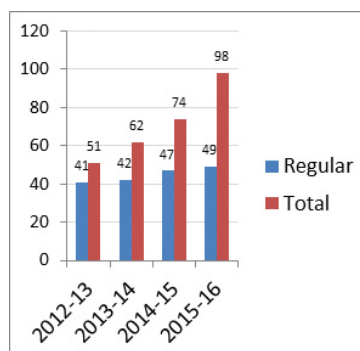
Number of Professors and Associate Professors is increasing in last three years

### Faculty Qualification

#### Faculty Qualification : Ph.D



#### Faculty Qualification : PG



Number of PG and PhD Faculty Members is increasing in last three years

## WCE Strengths

- **69 years** of excellent **standing**, including **45 years** of imparting quality technical education at **PG** and **doctoral research**.
- Became **Autonomous** in 2007. Autonomy extended by UGC for second Term till 2020.
- **Visionary leadership** of Administrative Council (BOG)
- Successfully implemented **TEQIP-I** : performance rated at rank 2 at national level impact study.
- Progressing well in **TEQIP-II** : Strengthening of PG education and research.
- Good Governance practices in place
- **Well qualified** and dedicated **faculty** with aptitude for research.
- Admissions of **meritorious students** at UG and PG
- **State of art library** facilities for supporting research activities.
- Availability of land & space for growth-**90 acres** of green campus.
- Strong **liaison** with **industries**.
- **Network** of successful **Alumni** spread across the world.
- Most of the UG programs have **five-year accreditation**.
- **MIS implementation** in Salary, Library, Exam and results, Fees Collection, Teaching learning processes, Hostel Admissions etc.

## Motivational Initiatives

- **Sponsorship** to pursue higher studies at IIT's and IISc under **QIP**.
- **Encouragement** to faculty to attend **short term FDPs** at premier institutes.
- **Management** capacity building, leadership development and **Pedagogical** training programs for faculty
- **Sponsorship** for faculty to **present research papers** at conferences once a year in India and in 3 years abroad.
- Implementation of **CAS** to promote faculty to higher post
- Incentives for pursuing R&D projects, filing patents etc
- **Best Teacher Award** to one faculty every year with a cash prize of Rs 15000/- and Rs.5000/- to **Ideal Support Staff**.
- Regular Skill Up-gradation and Training opportunities for support staff.
- Encouragement to **students** to publish papers in conferences by reimbursing the **registration fees**.
- Students are also paid Registration Fees and Travel support for presenting Research Papers at the Conferences
- Till now 28 faculty members have visited foreign Countries in last three years.

## Institute Activities and Achievements

- National Board of Accreditation (**NBA**) Committee visited Walchand College during 15-17<sup>th</sup> January 2016 for **Accreditation of five UG Programs**. Received accreditation from NBA for Civil Engineering (5 years); Mechanical, Electrical, Electronics and IT (for 2 years) w.e.f. 01-07-2016.
- National Assessment and accreditation Council (**NAAC**) committee visited WCE from 17-19<sup>th</sup> March 2016. WCE awarded '**A**' grade (for 5 years) by NAAC with 3.25 score out of 4.
- NBA Team visited WCE, Sangli during 14-16<sup>th</sup> October 2016 for **Accreditation of five M. Tech. Programs** : Civil-Structural Engineering and CSE-Information Technology were accredited for Five Years while Mechanical-Design Engineering, Electrical-Control System Engineering, Electronics Engineering were accredited for Two Years.
- AICTE sanctioned Rs.43 Lakh for the proposal on "Learning Factory" submitted by the college. Also Rs. 8.25 Lakh and Rs. 4.32 Lakh received from RGSTC under TIFAC scheme for the second phase.
- **5<sup>th</sup> Annual Alumni Meet** held on 9<sup>th</sup> Jan 2016. Bhaskar Sawant, B.E. (Electronics-1991), CMD-Mahadiscom, Jaipur; Hemant Gadgil, B.E. (Mech-1982); Head-Ind. Soln. Group, 3DPLM; Vivek Sabnis, BE (Electronics-1991), Head Nandan Nilkeni Foundation, Dipak Abhyankar, B.E. (Electrical-1991), Ministry of Finance, Gol; Shrinivas Patil, BE (Civil-1981), President of APS, etc. were felicitated
- **NRI Admissions** started at WCE, Sangli from 2015-16.
- MOU with Bharati Vidyapeeth Medical College & Hospital Sangli on 6<sup>th</sup> January 2016 for regular health check-up, priority access to healthcare, emergency ambulance service, etc. to WCE students, staff and faculty.
- Students have done well in CAT, GRE and GATE examination in 2016. 24 students have AIR less than 5000 in GATE; two students are already selected in IISc Bangalore and one student at IIT Chennai. Four students scored above 300 out of 340 in GRE; and eight students have scored more than 85% percentile in CAT. One student got selected at IIM-Bangalore and three at IIM-Indore.
- Dr. Anil Kakodkar with Dr A. V. Sapre from Rajeev Gandhi Science and Technology Council visited WCE, Sangli on 21<sup>st</sup> October 2016 and selected three projects of students for TIFAC phase-II funding.

## Faculty and Staff Activities and Achievements

- Following National Conferences and many FDPs, Workshops, and Seminars were organized by various departments in the year 2016:

Date	Title	Department
4 <sup>th</sup> & 5 <sup>th</sup> July 2016	Recent Trends in Mechanical Engineering	Mechanical Engg
8 <sup>th</sup> & 9 <sup>th</sup> Dec 2016	Innovations in Engineering and Management Education	WCE, Sangli and RIT, Skharale
19 <sup>th</sup> & 20 <sup>th</sup> Dec 2016	National Research Symposium on Computing	CSE and IT
2 <sup>nd</sup> -7 <sup>th</sup> Jan 2017	Advances In Structural Health Monitoring, NDT, Audit and Strengthening Technologies In Civil, Aerospace Structures	Applied Mechanics

- Dr. P.J. Kulkarni presented research papers in International Conference at Florida, USA in November 2015.
- Smt. M.A. Shah from CSE department presented a research paper on “Design and Development of High Performance, Scalable Content Based Publish Subscribe System” 10<sup>th</sup> ACM Int. Conf. on ‘Distributed and Event-based Systems’ at Irvine, California, USA during 20-24<sup>th</sup> June 2016.
- Dr. M.M. Waware attended IET International Conference in London, UK on “Renewable Power Generation” to present a paper titled “Novel Family of B4 Multilevel Inverters with Impedance Source Network for Grid Integration of Renewable Energy Sources” during 21-23<sup>rd</sup> September 2016.
- Prof. U.A. Dabade received DST travel grant to attend ASME 2016 conference during 11-17<sup>th</sup> Nov. 2016 at Phoenix, Arizona (USA).
- Dr. Deepak Shikarpur (WCE 1985 Mech) – a well-known consultant for start-ups, guided faculty and students on 26<sup>th</sup> August 2016 as part of the activities of the Entrepreneurship Development Cell.
- Mr. Han Id Gun, Mind Education Specialist from South Korea delivered a session on “Introduction to Mind Education” on 20<sup>th</sup> September 2016. WCE faculty and students attended the session in Tilak Hall.
- WCE faculty has published 105 International & National Journal Papers and 100 International & National Conference Papers in 2015-16 and also filed 4 patents.

## Student Activities and Achievements

- WCE team of 10 UG students won the ‘Best Design Prize’ in the National Level Event “Efficars-2016” at Institute of Engineering and Technology, Chandigarh during 21-24<sup>th</sup> January 2016. The team designed, developed and manufactured an electrically driven two seated car, guided by Shri A.U. Paranjpe, & Dr. K.H. Inamdar.
- Annual Social Gathering, ASG-2016 organized successfully during February 12-14, 2016. Comedy Artist Shri Ajitkumar Kosthi inaugurated the Gathering.
- 92 UG (CSE:57, IT:32 & Electronics:3) and 92 PG (Mechanical:45, CSE-IT:19, Electronics:16, Electrical:9 and Structures:3) Final Year students took up Industrial internship in different cities.
- WCE student’s team won the Zest Cricket Championship at COE, Pune in January 2016.
- Vijaysinh Jadhav UG-Civil-2015 got admission in **Stanford University** for MS in Energy Program. Three students from 2014 batch got admission in IIMs - Bhavya Shah (**IIM-A**), Amar Pawar and Pradeep Bodhale (**both IIM-B**) Sumant Salokhe UG-Mech-2012 got AIR-3 in UPSC joining Forest Services.
- WCE Boys and Girls Badminton teams won the Badminton Zonal Championship 2015 held at RIT, Sakharale on 22-23<sup>rd</sup> August 2015. Girls team also won inter-zonal championship. Chess team was third in Zonal championship. WCE student’s team won the Zest Cricket Championship at COE, Pune in January 2016.
- VISION-2016 – the annual national technical symposium of students – was held from 12<sup>th</sup> & 13<sup>th</sup> March 2016. Over 2500 engineering students from 60 colleges across 3 states participated. This year international students participated in the Online Coding Competition from USA, South Africa, Germany, Russia, UK and Japan. Prizes worth Rs. 5 Lakh were distributed.
- At National Level Technology & Innovation Contest, “Techno-Champ: 2015”, Organized by John Deere, Pune, WCE S.Y. B.Tech. Team was 1st Runner’s up for their Project on “Real Time Inventory Verification System”.
- State-Level Students Technical events were organized by Mechanical, Computer and Information Technology students during 15-16<sup>th</sup> October 2016, and by Civil, Electrical and Electronics Engineering students during 22-23<sup>rd</sup> October 2016. More than 3000 students from various colleges participated in the events.



## TEQIP Activities

- TEQIP fund Utilization is Rs. 12.64 Crores (83.73%) out of Rs. 15.00 Crores received till 31<sup>st</sup> December 2016. The revised date for the project completion is 31<sup>st</sup> March 2017.
- Status of TEQIP-II at WCE Sangli on 31<sup>st</sup> December 2016 TEQIP-II at WCE Sangli

TEQIP-II: Expenditure Break-up		Till end-Dec 2016		
		Rs. Lakh		%
S.N.	Expenditure Head	Allocation	Expend.	Expend.
1	Procurement of Equipment	675.00	614.40	91.02
2	Student Assistantships	282.00	218.99	77.66
3	Research and Development	57.00	39.46	69.23
4	Faculty and Staff Development	168.00	142.75	84.97
5	Industry Institute Interaction	75.00	56.57	75.43
6	Capacity development	30.00	26.07	86.90
7	Institutional Reforms	75.00	64.61	86.15
8	Support to weak students	48.00	41.15	85.73
9	Incremental Operating Cost	90.00	59.30	65.89
<b>Total</b>		<b>1500.00</b>	<b>1263.30</b>	<b>84.22</b>

- TEQIP-Performance and Data Audit carried out by Auditors Dr. K. Balaveera Reddy and Data Auditor Dr P.B. Daigavane during February 22-24<sup>th</sup>, 2016; rated outstanding.
- Prof. S.J. Bhosale from SPFU visited WCE Sangli on 20th Dec 2015 and verified MIS details from 2010-11 to 2014-15 and cleared all his queries. At present MIS data uploading of the year 2015-16 is in progress.
- TEQIP-II Internal Finance Audit for the period October 2015 to March 2016 was carried out on 31<sup>st</sup> May 2016 at WCE, Sangli by Auditor, Shri Gourav Joshi. Financial Statutory Audit for 2015-16 was carried out during 23-25<sup>th</sup> June 2016 at WCE, Sangli by Shri Rajat Dadhich and on 8<sup>th</sup> Aug. 2016 by C.A.: S K Patodia & Associates, Mumbai.
- TEQIP-II MIS Validation, Pre & Final-Data Audit & TEQIP-II Performance Audit were carried out during 19-25<sup>th</sup> August 2016 by Dr. K. Balveera Reddy & Dr. D.V. Kodavade. WCE was given "Excellent" remark by the Performance Auditor.
- 8 faculty members from WCE received fee reimbursement under TEQIP for enrolling in Ph.D. programs.

## A few major faculty Achievements

Best Teacher Award, State Govt.		
SN	Name	Year
1	Dr. M.Y. Khire	2005
2	Dr. P. J. Kulkarni	2012
Young Scientist Award, DST.		
1	Dr. S.B. Joshi	1999
2	Dr.(Mrs.) S.P. Sonawane	2007
3	Dr.(Mrs.) S.H. Bhandari	2010
4	Dr. M.M. Khot	2010
5	Dr. U.A. Dabade	2012
Woman Scientist Award, DST.		
1	Dr.(Mrs.) S.H. Bhandari	2006
2	Dr.(Mrs.) S.S. Joshi	2008

## Major MoU Signed in last Three years

### With Institutes

- VJTI, Mumbai, Aug 2012
- SGGS, Nanded, Jan 2013
- GCOE, Amaravati, Jul 2013
- Agile Developer, USA, Apr 2014
- Goethe Institute, Germany Jun 2014
- COE, Pune, Jul 2014
- IIT Mumbai, Sept 2014
- DJMIT, Anand, Sept. 2014
- JJ Magdum, Jaisingpur, Nov 2014
- SPCOE, Mumbai, Dec 2014
- DBATU, Lonere, Dec 2014
- NIT, Silchar, Dec 2014

### With Industries

- NASSCOM, Mar 2014
- Sakal Foundation, Jun 2014
- Sandriver Techno.s, Jul 2014
- Mentor Graphics, Dec 2014
- John Deere, Feb 2015
- Danfoss Industries, Mar 2015
- TCS, Nov 2015

## Research Grants Received in Last Five Years

Amount in Rs. Lacs

Agency/Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total
AICTE	241.96	15.47	-	-	-	<b>257.43</b>
DST	4.04	-	-	8.30	-	<b>12.34</b>
MPCB	7.05	11.84	4.90	7.75	5.00	<b>36.54</b>
CDTP	21.50	8.00	-	23.00	-	<b>52.50</b>
TEQIP-II	200.00	200.00	400.00	450.00	250	<b>1500.00</b>
BRNS	18.35	-	-	-	-	<b>18.35</b>
<b>Total</b>	<b>492.90</b>	<b>235.31</b>	<b>404.90</b>	<b>489.05</b>	<b>255.00</b>	<b>1877.16</b>

- **TEQIP (Technical Education Quality Improvement Programme) (2004-08)**– A world bank project funding of **Rs. 8.65 Crore.**
- Progressing well **TEQIP-II (2012-16): Rs. 15 Crores** of Funding.

## Testing and Consultancy in Last Five Years

Amount in Rs. Lacs

	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Total</b>	<b>43.55</b>	<b>56.56</b>	<b>55.87</b>	<b>61.39</b>	<b>46.01</b>

## Research Publications

Year	2011-12	2012-13	2013-14	2014-15	2015-16	Total
<b>Int. Journal</b>	28	31	47	92	97	<b>295</b>
<b>Nat. Journal</b>	7	3	4	10	8	<b>32</b>
<b>Int. Conference</b>	58	47	44	36	89	<b>274</b>
<b>Nat. Conf.</b>	24	29	13	11	11	<b>88</b>
<b>Total</b>	<b>117</b>	<b>110</b>	<b>108</b>	<b>149</b>	<b>205</b>	<b>689</b>

## List of a few faculty members with notable citations

SN	Name of Faculty	Citations	h-index	I10-index
1	Dr. U.A. Dabade	353	8	8
2	Dr. S.B. Joshi	312	8	8
3	Dr. G.R. Munavalli	291	7	7
4	Dr. Rahul Chougule	256	11	11
5	Prof. Mrs. S. Subbaraman	191	8	7
6	Dr. S.D. Ruikar	165	5	3
7	Dr. G.V. Parishwad	127	6	4
8	Dr. P.J. Kulkarni	96	6	3
9	Dr. D.S. More	79	5	4
10	Dr. K.S. Gumaste	70	3	2

SN	Name of Faculty	Citations	h-index	I10-index
11	Dr. B.F. Momin	53	3	1
12	Dr. Sagar Sapkal	52	4	2
13	Dr. S.N. Tande	47	4	1
14	Dr. S.P. Chavan	44	4	2
15	Dr. A.J. Umbarkar	44	5	1
16	Dr M.H. Pendase	44	3	3
17	Dr. D.B. Kulkarni	40	4	0
18	Dr. K.H. Inamdar	39	4	0
19	Dr. M.M. Waware	36	4	1
20	Dr. B.S. Gawali	31	3	1

## Placement at Walchand College in Last Three Years

Branches	UG % Placement			PG % Placement		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
Civil	76.36	76.12	80.00	45.00	61.90	25.71
Mechanical	94.59	87.50	87.32	36.36	43.18	50.00
Electrical	65.15	78.57	81.25	5.00	62.50	54.55
Electronics	85.07	90.00	88.89	38.46	81.82	68.00
CSE	89.09	92.86	91.82	40.00	79.17	85.71
IT	84.51	93.06	88.89	33.33	91.67	44.44
<b>Total</b>	<b>83.52</b>	<b>87.04</b>	<b>87.16</b>	<b>33.03</b>	<b>64.63</b>	<b>53.27</b>
<b>No. of Companies</b>	<b>71</b>	<b>80</b>	<b>75</b>	<ul style="list-style-type: none"> <li>• Placement for PG students in Companies is increasing.</li> <li>• Rest get off-campus placement mostly as teachers</li> </ul>		
<b>Ave Salary Rs Lacs</b>	<b>3.71</b>	<b>3.81</b>	<b>3.95</b>			
<b>Max Salary Rs. Lacs</b>	<b>12.00</b>	<b>16.00</b>	<b>21.00</b>			
<b>Dream Offers</b>	<b>103</b>	<b>264</b>	<b>356</b>			

2016-17 (Till 12 January 2017)

Companies Visited: 51; Dream Offers: 150;

Placement : UG-313/431 (72.62%); PG-31/194 (15.98%);

Max. Salary : 11.00 LPA (Barclays); Ave. Salary : 4.20 LPA

## Top Five Companies on the basis of salary and number of students placed in 2015-16

SN	Company Name	Salary (in LPA)
1	Symantec	10.93
2	EMC <sup>2</sup>	9.60
3	NVIDIA	8.80
4	Hindustan Unilever	8.23
5	ThoughtWorks	7.30

SN	Company Name	No. of students placed
1	Accenture	192
2	IBM	128
3	Wipro	102
4	Infosys	88
5	Eaton Corporation	19

## Our Recruiters



## A Few Illustrious Alumni of WCE, Sangli

Alumni	Position
Prof. A.V. Patki	Ex Director, ISRO, Bangalore
Dr. R.A. Katti	Ex Head, Thermal Systems, ISRO Bangalore
Dr. S.D. Awale	Ex-VC, Dr BATU., Lonere
Dr. P.A. Kulkarni	Ex-Principal-WCE, Sangli; Ex-VC, Sikkim-Manipal Uni., Sikkim
Shri V.S. Prabhu	Vice Chairman, BSES, Mumbai
Shri Adi Engineer	Vice Chairman, Tata Power, Mumbai
Shri Alim Chandani	Chairman, Stup Consultant, Mumbai
Shri Rajas Doshi	CMD, Indian Hume Pipes Ltd., Mumbai
Dr. Sadanand G. Joshi	Joshi Technologies Inc, Columbia, USA
Shri M.N. Navale	Founder Trustee, Sinhgad Tech. Ed. Soc.
Shri Vishwas Sapkal	IFS, Indian Ambassador to Armenia, High commissioner at Fiji
Shri B. Raheja	Eminent Builder, Mumbai.
Shri Deepak Shikarpurkar	President, Computer Society of India
Shri B.V. Aradhya	Ex Director, ISRO Ahmadabad
Shri B.R. Lanka	COO, 3dPLM Division
Smt Leena Nair	Executive Director, Hindustan Unilever Ltd
Smt Vidya Kulkarni	IPS, IG, Tamilnadu
Shri Satish P Kulkarni	Country Head, Asian Paints
Shri Shivajirao Upase	Secretary, Jalsandharan, Maharashtra Govt.
Shri Eknath Patil	Secretary, PWD, Maharashtra Govt.
Shri Bhaskar A. Sawant	IAS, Principal Secretary, Finance, Rajasthan Govt.
Shri Mohan J. Mardikar	Global Delivery Head, TCS, Pune

## Academic Reforms

### Interaction with International Professors for academic policies and curriculum Development

- Prof. Venkat from University of Houston/Agile Developers, U.S. (CSE and IT)
- Prof. John Lamancussa of Penn State University, USA
- Dr. Soham Sohani from Arizona State University (CSE and IT)
- Dr. James Conrad from University of North Carolina USA for Electrical and Electronics department,
- Prof. Shivam Haran, Alaska State University (Mechanical)
- Prof. Chandrashekhar Putcha, Professor Fullerton, California State University (Civil and Applied Mechanics)
- Prof. Gajanan Sabnis, Emeritus Professor, Howard University, USA (Institute Level)
- Dr. Krishna Vedula IUCEE, (membership of IUCEE)

### Interaction with national Professors for academic policies and curriculum Development

- Prof U. N. Gaitonde, Prof Suhas S. Joshi, Prof. Narayan Khedkar, (Mechanical); Prof Tarun Kant, (Civil); Prof. Dinesh Sharma, Prof. V. M. Gadre and Prof. Fernandis, Prof K.C. Chatterjee, (Electrical); Prof. Milind Sohoni, (CSE and IT); IIT, Mumbai
- Prof. S. C. Dutta Roy, (Electronics), IIT, Delhi
- Prof. Gunthe, Prof. Rahul Marathe, (Civil), IIT, Chennai
- Prof. Vijay Singh, DRDO, Hyderabad (IT)
- Prof. V.G. Gaikar, (Chemical); VC, DBATU, Lonere
- Prof. A.D. Sahasrabudhe, (Mechanical), Chairman, AICTE
- Prof. Aditya Abhyankar, (CSE), SFP, Uni. Pune; etc.



## Opportunities

- **Demand for new PG programs** and specializations
- **Continuing education programs** for practicing engineers and faculty
- Potential for **collaboration** with reputed **foreign universities**.
- **Attract best** Indian and overseas **students**.
- Rising **demand** from industry for **consultancy and testing**
- Faculty and staff development through exposure to world class academic and research institutions

## Future Plans

- **Create Centers of excellence** in the areas :
  - o Mechatronics, CAD/CAM, PLM, CFD, MEMS,
  - o Embedded Systems, VLSI,
  - o Structural Health Audit and Disaster Management
  - o Energy Studies
  - o Video recording and Conferencing Facility
- Enhance academic standard of the institute to get into **first 20** engineering institute at National Level.
- **ABET Accreditation**
- Acquire **Deemed-to-be University** Status

## Master Plan 2020

This project is helping Walchand College of Engineering, update its campus master plan to meet international standards by upgrading its facilities and building on its strong existing framework, the college hopes to gain attention from associations with international universities for the world-class educational opportunities it offers in Sangli.

The master plan prepared by HOK features a series of phased implementation strategies for new development projects that won't interfere with the college's operations





# Glimpse of WCE



Bhaskar Sawant, B.E. (Electronics-1991): CMD-Mahadiscom, Jaipur; Hemant Gadgil, B.E. (Mechanical-1982): Head of CoE, 3DPLM Global Services; Vivek Sabnis, BE (Electronics-1991), Head Nandan Nilkeni Foundation, Dipak Abhyankar, B.E. (Electrical-1991), Consultant PPP, Ministry of Finance, Gol; Shrinivas Patil, BE (Civil-1981) President of APS, etc. were felicitated



Performance Auditor Dr. K. Balaveera Reddy and Data Auditor Dr P.B. Daigavane visited CWE during February 22-24, 2016 for 5th Performance and Data Audit



WCE team of 10 UG students won the 'Best Design Prize' in the National Level Event "Effcars-2016" at Institute of Engineering and Technology, Chandigarh during 21-24<sup>th</sup> January 2016.



NBA Team Visited WCE, Sangli during October 14-16<sup>th</sup>, 2016 for Accreditation of 5 PG Programmes: Structural, Design, Electronics, Control Systems Engineering and IT.

# Student's Facilities





## Contacts

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