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Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women Karvenagar, Pune

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)



Information Brochure

About Maharshi Karve Stree Shikshan Samstha

Maharshi Dhondo Keshav Karve founded an institution called 'Hingane Stree Shikshan Samstha' in 1896 whose objectives were the upliftment, emancipation and education of women, who formed a major section of the socially downtrodden. Maharshi Karve dedicated his life to the humanitarian cause with determination, courage & conviction of a visionary. His sacrifice and dedicated work of the unique occasion of reinstating the due social status of women was acknowledged through highest national award. He did exemplary work of empowering women through education, for which he was conferred highest civilian award 'BHARAT RATNA' on October 29, 1958 on his 100th Birth Anniversary. As an expression of gratitude and respect to its founder, the General Body decided to rename the institution as 'Maharshi Karve Stree Shikshan Samstha' in 1993.

With a legacy of 121 years, MKSSS has grown by leaps and bounds pioneering in Women Education in India.



Maharshi Dhondo Keshav Karve was awarded on his 100th Birth Anniversary 'BHARAT RATNA' on October 29, 1958 by Hon'ble Dr Rajendra Prasad, President of India

About Cummins College

Cummins College of Engineering for Women (CCEW) comes under the umbrella of its parent institution, Maharshi Karve Stree Shikshan Samstha (MKSSS). Cummins College is the first all women engineering college in India established in the year 1991 with support from Cummins Diesel (India) Foundation. It is located in Pune, Maharashtra State and is well known as 'Oxford of the East' with strong Computer, IT, Mechanical, Automobile and Electronics industry hub. The first undergraduate batch of CCEW passed out in July 1995, coinciding with the centenary of its parent institution.

CCEW is recognized for its rigor in academics and dedicated faculty, successful alumnae being its outcome. CCEW has a strong association with the industry and is recognized for providing quality recruits for the industry.

INSTITUTE VISION

To be globally renowned institute for imparting quality education and to develop women leaders in engineering and technology

INSTITUTE MISSION

To develop women professionals who are academically and technically competent with strong professional ethics



Celebration of Silver Jubilee Year 2015-16 in presence of Hon. Minister of HRD, Smt. Smriti Zubin Irani, Government of India. On dias R—L: Dr Shastri Secretary, MKSSSS, Mr Shirole Member of Parliament, Mr Gore Chairman, MKSSS, Dr Gade Vice-Chancellor SPPU, Mrs Ghaisas, President MKSSS, Mr Patil Vice- President MKSSS, Dr Khambete Director, CCEW

Association of CCEW with Cummins India Foundation

Not limiting itself to financial assistance alone, Cummins has contributed to the development of the college in many ways.

Cummins Signature Project

In less than two decades, this association has bloomed magnificently. Cummins India Foundation has declared the Cummins College as its 'Signature Project' and is working hard at ensuring that the college acquires a listing amongst the top colleges in India

Under Signature Project, Cummins foundation has taken many initiatives for infrastructure, faculty and student development.

Cummins Fellowship program

- ✓ Cummins Fellowship Program at Purdue University (USA) since 2004.
- ✓ Cummins Inc. and Purdue University offer Scholarship to the selected four students- two for Computer and Information technology School (CIT) and two for Mechanical Engineering School (ME).
- ✓ Till date, 34 students are benefited. Presently 8 students are on campus.
- ✓ Cummins India Foundation has declared Cummins College as their Signature Project.
- ✓ The aim of the Signature Project is to enhance Academic Facilities in Cummins College.

Affiliations and Approvals

MKSSS's Cummins College of Engineering for Women, is approved by All India Council for Technical Education, New Delhi and Directorate of Technical Education, Mumbai. Cummins College is offering five undergraduate programmes and three post graduate programmes. All undergraduates and post graduates programmes are affiliated to Savitribai Phule Pune University.

Accreditations

The departments of Cummins College of Engineering for Women, are accredited in 1998, 2002, 2006, 2012 and 2016 by National Board of Accreditation.

Cummins College is also accredited by NAAC at "A" grade in 2012 and 2017 for next five years.

Academic Programmes Offered

Under Graduate Degree: Bachelor of Technology (B. Tech.)

Four Years academic programmes offered to award degree of B. Tech.

Name of the Programme	Intake	Intake
C C C C C C C C C C C C C C C C C C C	First Shift	Second Shift
B. Tech. Electronics and Telecommunication Engg.	120	60
B. Tech. Computer Engineering	120	60
B. Tech. Information Technology	60	
B. Tech. Instrumentation and Control Engineering	60	
B. Tech. Mechanical Engineering	60	

Post Graduate Degree: Master of Technology (M. Tech.)

Full Time Two Years academic programmes offered to award degree of M. Tech.

Name of the Programme	Specialization	Intake	
M. Tech. Instrumentation and Control Engineering	Biomedical	18	
M. Tech. Instrumentation and Control Engineering	Engineering	16	
	Signal	18	
M. Tech. Electronics and Telecommunication Engineering	Processing	16	
M Took Machanical Engineering	Mechanical	30	
M. Tech. Mechanical Engineering	Engineering Design	30	

Doctoral Programme : Doctor of Philosophy (Ph. D.)

Name of the Programme		
Ph.D. in Electronics and Telecommunication Engineering		

Autonomous Status to the Institute

MKSSS's Cummins College of Engineering for Women is an autonomous College from Academic Year: 2016-2017.

Autonomy to the Institute

- 1. University Grant Commission has granted academic autonomy to the Cummins College
- 2. Freedom in designing the program structure and Course Contents of undergraduate and postgraduate programs.
- 3. Conduct of Examinations at College level, adhering to the rules and regulations laid down by Governing body of the College.
- 4. Degree will be conferred by Savitribai Phule Pune University.

Admission Process and Duration of Programme

Under Graduate Programme

- a) Admissions to the first year of all the programmes shall be through Central Admission Process controlled by The Directorate of Technical Education, Mumbai, Government of Maharashtra.
- b) The reservation policy for admissions shall be as per Government of Maharashtra rules and regulations.
- c) Scholarships are awarded to deserving and economically weaker students.
- d) The Lateral admissions to direct second year for all the programmes shall be through Central Admission Process controlled by The Directorate of Technical Education, Mumbai, Government of Maharashtra.
- e) The duration of the programme for the Degree of Bachelor of Technology will be four academic years,

with two semesters in each year. A student may complete the programme at a slower pace by taking more time, but not more than Six Years.

Post Graduate Programme

- a) Eligibility for the first year post graduate programme admission shall be on the basis of GATE score.
- b) Admissions to the first year of all the post graduate programmes shall be through Central Admission Process controlled by The Directorate of Technical Education, Mumbai, Government of Maharashtra.
- c) The reservation policy for admissions shall be as per Government of Maharashtra rules and regulations.
- d) The duration of the programme for the award of degree of Master of Technology will be full time two academic years, with two semesters in each year.

Infrastructure

- ✓ Institute is spread over in 4 acres of land with green and beautiful campus.
- ✓ All Classrooms are as per AICTE norms with Multimedia facilities.
- ✓ Every department has laboratory as per AICTE norms and with state of the art equipments.
- ✓ The seminar rooms and tutorial rooms are available as per AICTE norms.
- ✓ Institute has 1400 computers connected through LAN and internet facility of 106 Mbps.
- ✓ Institute has hostels with wi fi facility and other utilities. All the hostels are located at a walkable distance and accommodate 950 girls
- ✓ Well-equipped sports facility. Full time sport's director and respective sports coaches are available.
- ✓ Institute has a well-furnished gymnasium for the girl students.
- ✓ Doctor's clinic is available on the campus.
- ✓ Institute has canteen facility.

Library

- ✓ A carefully selected, voluminous collection of text books, reference books, periodicals, CD's, videos, enrich the library.
- ✓ Facility of digital library, reading room and reference section for the students.
- ✓ The library has subscription to various national and international journals of repute.
- ✓ The library instituted "Most active student borrower award" for maximum books reader students.
- ✓ The library has facility of open book access system.
- ✓ Book Club Activity established in the library.

Faculty

- ✓ The institute has well qualified, experienced, dedicated and industry exposed faculty.
- ✓ An innovative, experimental approach is adopted by the faculty in teaching learning process.
- ✓ The institute encourages the faculty to acquire higher studies in India and Abroad.
- ✓ Institute has excellent industry-Institute interaction through students Guest Lectures, Industrial visits, internships and projects.

- ✓ Institute encourages faculty exchange and students exchange programmes within India and abroad university.
- ✓ The institute has excellent faculty retention ratio.

Memberships of Professional Bodies

The institute has following students' chapters and branches

- ✓ Computer Society of India, CSI
- ✓ Institute of Electrical and Electronics Engineers, IEEE
- ✓ The Institution of Engineering and Technology, The IET
- ✓ International Society of Automation, ISA
- ✓ Society of Automotive Engineers INDIA, SAE-India
- ✓ American Society of Mechanical Engineers, ASME

The institute has following Institutional Memberships,

- ✓ ISOI
- ✓ Indian Society for Technical Education, ISTE
- ✓ Automotive Research Association of India, ARAI
- ✓ British Library

Communication Skills Development Programme for Second Year Students

Every year for second year students of all programmes, Garnishing Talent is organised to improve the communications skills of the students in collaboration with Confederation of Indian Industry (CII) and EATON.





Employability Skills Enhancement Programme sponsored by Cummins India Ltd.

This programme is offered to third year students of all branches since 2013. The duration of programme is 45 hours in a semester.

The entire programme, covers four sets of modules:

Self Awareness, Professional Skills, Innovation and Communications.



Mr Bhargav, Dr Shastri, Dr Bhushan Kelkar and Dr Khambete at Employbility SD programme



Mr Pradeep Bhargav Director, Cummins India at ESD certificate distribution ceremony





Dr Bhushan Kelkar's activity and certificate distribution of Employability skills development programme

AMCAT

- ✓ Aspiring Mind Campus Analysis Test Report provides a detailed analysis of the student quality and their employability in the industry.
- ✓ Modules of the test are English, Quantitative Ability, Logical Ability, Computer Programming, Personality assessments
- ✓ Employability check up for students and accordingly, the administration can prioritize its efforts to increase the overall student employability.

Co curricular Activities

Every year the institute is participated in,

1. National Event: SAEI NDIA - BAJA

- Every year Cummins College team is participating in National level SAE-BAJA activity.
- The prime objective of SAE-BAJA is to design, build the All-Terrain Vehicle for sustainability of static and dynamic tests followed by endurance race.
- The vehicles used in SAE-BAJA racing are often similar in appearance to dune buggies. There are

multiple static event such as Technical Inspection, vehicle weight, sales and cost presentations and dynamic events such as hill climbs, maneuverability, brake test, acceleration test and suspension and traction test.





SAE-India BAJA: Team Zenith's members with Dr Khambete Director, CCOEW, Mr Rafic Somani Manager Global-Asia, Dr Gopal CEO, Ansys USA, Mrs Margaret Director, Ansys USA, Mr Mark Firth CTO, Cummins India and Dr Anuradda Ganesh Director, Cummins India

2. National Event: ROBOCON

- It is an international robotics contest founded by Asia Pacific Broadcasting Union (ABU) in 2002.
 Eighteen Asia Pacific countries participate in this contest. Host country decides the task and rules of the competition every year.
- The Institute team is participating in this event since year 2011-12.
- In 2014-15, the Institute team won "Best Women Team" award.



Extra curricular Activities

Every year Cummins college students participated in,

- ✓ Puroshottam Karandak
- ✓ Firodiya Karandak
- ✓ National / International sports



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प्रषोत्तम करंडक : 'कमिन्स'चा 'बाग्लब्वा' सर्वोत्तम

- सकाळ वृत्तसेखा Friday, December 21, 2012 AT 08:26 AM (IST)

पुरुषोत्तम'मध्ये पुण्यातील मुली ठरल्या अव्यल; महाअंतिम फेरीचा निकाल जाहीर



पुणे - प्रत्येकाच्या चेहऱ्यावर उत्सुकता... तेवद्यात निकाल जाहीर झाले आणि आला रे आला, वागुलबुका आलां, 'इकडून आलां, तिकडून आलां, 'अरे आटकड कृणाचां, "आमच्याशिवाय आहे कोण' अशा घोषणा... टाळ्यांचा कडकडाट... . बोल-ताशांचा दणदणाट .. एकमेकांचे कौतुक... अशा तरुणाईच्या जललोषमय आणि उत्साहमय वातावरणात पुण्यातील कमिन्स अभियापिकी महाविद्यालयाच्या संघाला "पुरुषोत्लम करंडक" प्रदान करण्यात आला.

महाराष्ट्रीय कलोपसक तर्फ आयोजित पृरुषोत्तम करंडक आंतरमहाविद्यालयोन रूपर्येच्या महाअंतिम फेरीचा निकाल गुरुवारी जाहीर

झाला. "बागुलबुवा" ही एकांकिका सादर केलेल्या "कांमिनस'ला सांस्कृतिक कार्य संचालक आधुलोष घोरपडे, आभिनेता सुबोध भावे आणि लोकेश गुप्ते खंदया हस्ते करंडक प्रदान करण्यात आला. द्वितीय क्रमांकाचे पारितोषिक सांगलीध्या कस्तुरबाई वालचंद्र महाविद्यालयाध्या संघाला (मी मेलेला माणूस), तर तृतीय क्रमांकाचे पारितोषिक जळगावच्या मुळजी जेठा महाविद्यालयाला (बाब्राव आणि समूह) प्रदान करण्यात आले. सर परशुरामभाऊ महाविद्यालयाच्या (प्राणी-मात्र) संघाने सर्वोत्कृष्ट प्रायोगिक एकांकिकचा पुरस्कार पटकावला. या वेळी परीक्षक चंद्रकांत काळे, अलिस्द खुटवड, संस्थेचे चिटणीस हेमंत वैद्य उपस्थित होते.

पुरस्कार पुढीलप्रमाणे :

अभिनय : नुपुर लेले, सिद्धी गुप्ते (कमिन्स), प्रतिभा शिरगावे, ऋषीकेश निकम (कस्तुरवाई महाविद्यालय), शितिज दाते, सुरभी वर्व (सप), अपूर्वं बर्दा पूरकर (कांमिन्स). अभिनय उत्तेजनार्थं पारितोषिक : आशिष वर्वे (श्रीमान भागोजीशेठ कीर विधी महाविद्यालय, रत्नागिरी), पराग चितके, मनाली बेहरे (सिंहगड अभियांत्रिकी महाविद्यालय, पुणे), प्रथमेश शिवलकर (गोगटे जोगळेकर महाविद्यालय, रत्नागिरी), संदीप पवार (कला, वाणिज्य विज्ञान महाविद्यालय, जामनेर), विनीत भट (शासकीय अभियांत्रिकी महाविद्यालय, पुणे), सतीश तांदळे (विवेकानंद महाविद्यालय, कोल्हापूर), आशिष खाचणे (मुळजी महाविद्यालय).



Puroshottam Karandak Runner up trophy in AY: 2016-17

Students have won awards in prestigious intercollegiate cultural events

In AY: 2016-17, our students have bagged Runners up trophy in intercollegiate competitions 'Purshottam'.

NSS scheme is conducted under the Ministry of Youth Affairs and Sports, Government of India and NSS cell, Higher and technical education, Govt. of Maharashtra.

Art circle -Provides a wide platform to all the upcoming artists to display myriad shades of art.

NSS Activity

Every year NSS conducted the activities like Blood donation camp, Rally on awareness on Cleanliness during the 'Swachtha Pakhawda' in slums near MMCOE and tree plantation.



NSS Team

Sports Facilities

- ✓ College has play ground of 2.5 acres
- ✓ The ground has many sports facilities like basket ball, volleyball, Football, Handball, Kabaddi, Kho Kho, Box Cricket, Netball and Athletic track.
- ✓ Facilities for table tennis, badminton are also available
- ✓ Institute has a well-equipped gymnasium of 5000sq. Ft. Space only for women with facilities such as machine exercises, free weight exercises, aerobics, Zumba, massage, steam bath and a separate hall for yoga and meditation. It is huge gymnasium The gymnasium has qualifies and trained instructors. Gymnasium also provides yoga certification courses.
- ✓ Specialized coaches are appointed to train the students going to participate in various zonal, All India and Inter-university Tournaments.
- ✓ Institute organizes annual sports meet "PENTACLE".
- ✓ Full time sports director and coaches are available in the campus.



Sports Championship and News Information

Students' Clubs

The institute has about 13 student's club as,

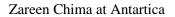
- ✓ PyLadies Club
- ✓ Google Club
- ✓ Code Club Improvement in coding skill
- ✓ Cummins Mozilla Club
- ✓ Geek Angles
- ✓ The Wordsmith
- ✓ The Cummins Chronicle

- ✓ Dance Club
- ✓ Music Club
- ✓ Photography Club
- ✓ Debate Club
- ✓ Environment Awareness Student Activity- Kirloskar Vasundhara's Clean College- Green College. The event is organized by Kirloskar Group at Pune, for giving Environment Awareness to students.





Google Competition





Dahi-Handi festival of Cummins College



Art and Craft Exhibition

MOU's with Industries

- ✓ Cummins India Ltd. Signature Project
- ✓ Ericsson Ltd
- ✓ AIC (Automotive Intelligence Center), Spain
- ✓ Persistent Systems Ltd
- ✓ IGATE
- ✓ Eaton
- ✓ John Deere
- ✓ Simply Compete
- ✓ ANSYS
- ✓ HSBC

MOU's with International Universities

- ✓ Purdue University, USA
- ✓ Deakin University, Australia
- ✓ La Trobe University, Australia
- ✓ Carnegie Mellon University, Australia



- (a) MOU with Carnegie Mellon University, Australia Mr. Mark Charnley with Director Dr Khambete and HoD's of Cummins College.
- (b) MOU with La Trobe University, Australia Mr. Brian McGaw-Executive Dean, Faculty of Science, Technology and Engineering, La Trobe University with Cummins College Team.

Student's Scholarships

- ✓ Mercedes Benz (Rs. 1.0 Lakhs per student per year)
- ✓ Goldman Sachs (1400 USD)
- ✓ Persistent System
- ✓ Tata Samarth
- ✓ Leela Poonawala
- ✓ Eaton's Pratibha Award

Anti-ragging Committee:

Ragging is strictly prohibited in Cummins Institute of Engineering for Women, Pune. Due to Healthy and friendly environment in the Institute and hostel campus, no ragging cases are reported.

Anti-ragging committee is formed as per "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009".

Grievance Redressal Committee

GRC is constituted as per the AICTE regulation 2012 of Notification F.No. 37-3 /Legal/2012, dated 25th May, 2012 in Article 3(2). As per the directives given by Supreme Court Institute Level "Women's

Grievance Cell against Sexual Harassment" is formed.

Training and Placement Cell

- ✓ The Institute has a dedicated Training and Placement Cell since 1995. Training and Placement Officer and supporting staff coordinates activities of Training and Placement Cell. Cell has required infrastructure facilities and budget.
- ✓ Training and Placement Center invites public and private sector organizations for campus recruitment of final year students.
- ✓ Through the 'Garnishing Talents' and 'Employability Enhancement Program' have greatly contributed in the campus placements, As part per-placement training along with the communication skill course,

Additional sessions on spoken English are conducted at second year level. Industry experts are invited to conduct these sessions.

Where our students normally placed in,

Goldman Sachs	GE Digital	Google
Amazon	Microsoft	Eaton
Sales Force	Texas Instruments	Symantec
Citi Corp	Mastercard	Siemens Manufacturing
CISCO	Media Ocean	John Deere
Avaya	Honeywell	Tata Motors
SAP labs	Cybage	Greaves Cotton
HSBC	TE Connectivity	Anandgroup
Siemens PLM	Emerson	Vodafone
Barclays	Tata Technologies	CDK Global
KPIT- Cummins	Harbinger	Suzlon India
GE-Healthcare-JFWTC- EDISON Project	Continental Automotive	Cummins India Group
Mu-Sgima	Persistent Systems Ltd.	Bosch
GE -JFWTC - EDISON	Idea Cellular	Ericsson
Project		
Target	Oracle Financial Services	Persistent Systems Ltd.
Oracle	Nice	Bosch
Novartis	Via Sat	Idea Cellular
Thoughtworks	Nestle	Ericsson
GE India (OMLP)	JCB Ltd	Opus Consulting
Fini Q	Schneider Electricals	ATOS India
Accenture	Capgemini	Wipro
Infosys	Thermax	TAL-Manufacturing
Tech Mahindra	Faurecia Interior	Nhansmedia
HCL Technologies	Renault Nissan	Giesecke and Devrient
L & T	Mercedes Benz	Mahindra & Mahindra

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Dr Mashelakar's visit to samstha with Mr Deval Chairman, MKSSS



Dr A D Sahasrabudhe Chairman , AICTE, New Delhi addressed in National workshop on NVH



Visit of Professors from Deakin University, Australia



Visit of Cummins Inc,USA Executives and their spouses to Cummins College



R—L: Dr Khambete Director CCEW, Mr Anant Talaulicar Chairman & Managing Director, Cummins India, Mr John Wall CTO Cummins Inc, Mr Tom Linberger President, Cummins Inc, Mrs Sahasrabudhe President MKSSS, Mr Deval Chairman, MKSSS and Mr Deshpande Secretary, MKSSS