

Maharshi Karve Stree Shikshan Samstha's  
**Cummins College of Engineering for Women**  
Hingna, Nagpur – 441110

*Sharpening Engineering Acumen with a difference*



# **Annual Report**

## **2018-19**



**Bharatratna Maharshi Dhondo Keshav Karve**

## From Chairman's Desk



**Shri Milind Kukade**  
Chairman,  
Maharshi Karve Stree Shikshan Samstha,  
Nargundkar Shaikshanik Prkalpa,  
Nagpur

The Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering For Women, Nagpur is a proud torch bearer of the path chosen by late Bharat Ratna Maharshi Karve 123 years ago, for women empowerment through education.

The warm acceptance of students passing out from our institution by industry and professional circles is the measure of efforts taken on the caliber build up our students through quality education. Today Cummins Women Professionals are proving to be highly successful technocrats. I am proud to see the efforts taken by students of Cummins College of Engineering for academic & Placement . I wish them good luck for their career.

## From Principal's Desk



**Dr. Bharatbhushan P. Joshi**  
Principal, MKSSS's Cummins College of Engineering for  
Women, Nagpur

Ex-Joint Director DRDO,

Qualification

BE(Hons.) EEE, BITS Pilani, ME(Mech) Guided Missiles  
DBM, MMS (Fin.) & Ph.D.(Engg.) Univ. of Pune Diploma  
in German Language

Globalization has presented new challenges for the realization of the goal for women's equality. It has been found from micro level study that benefits of the growing global economy have been unevenly distributed leading to wider economic disparities, the feminization of poverty, increased gender inequality through deteriorating working conditions and unsafe working environment especially in the informal economy and rural areas. It is therefore needed to enhance the capacity of women and empower them to meet the negative social and economic impacts, which may flow from the globalization process.

Maharshi Karve Stree Shikshan Samstha had been working on this strategy for the past 122 years. We at Cummins College of engineering for women vouch for the empowerment of

women in the engineering sector through curriculum based knowledge and much beyond that which will prepare them not only a confident engineer but also a good citizen of India.

At Cummins CoE for women we ensure that our students think and act differently to reach their goal or solution. We are committed to provide the apt environment for the students of Cummins College of Engineering for women at Nagpur. The students here will find that they are getting empowered with all the skills needed either for the woman employee, woman entrepreneur and/ or woman educator. CCoeW is the only upcoming college in Nagpur where students will have access to 65 different world class companies for placement and training.

Short Biodata :-

Dr. B P Joshi is a Scientist cum Engineering-Consultant turned into Academician with 27 years of experience in Research, PG Teaching, Administration and Development. Dr. BP Joshi is a BE (Hons.) in Electrical Electronics Engineering from BITS, Pilani, India, ME (Mech.) in Guided Missiles and Doctorate in MEMS technology from Pune University, India. He also has Diploma in Business Management and Master of Management Sciences degree in Finance.

He has worked as a Group Director at ARDE, a leading establishment of DRDO, Ministry of Defence; handling variety of projects for defence R&D. Thirteen different armament systems developed by him are in production. He also works as a consultant/ advisor on operations, production, system design and strategic business development for defence products industry & Defence PSUs. He has more than 17 publications in various national/ international conferences and journals. He has received Best Young Scientist award in DRDO and best Director / Principal award from the Alard Charitable trust while serving in Pune. He has visited Europe and Japan on technical and academics purpose.

## College Development Committee

Sr. no.	Name & Designation
1	Shri. Jayant Inamdar, Chairman
2	Shri. Promoad Gorhe, Member (Industry)
3	Shri. Vilas Potdar, Member (Social Service)
4	Dr. P. V. S. Shastry, Member (MKSSS)
5	Shri. Milind Kukade, Member (Nagpur Prakaalpa)
6	Dr. Rajendra Patrikar, Member (Academics)
7	Shri. Sandeep Darvekar, Member (Research & Industry)
8	Dr. B.P. Joshi, Member Secretary (Principal)
9	Dr. Sanjivani Shastri, Co-ordinator (IQAC)
10	Prof. Pravin Gorantiwar, Teaching Faculty Representative
11	Shri. Pradeep Joshi. Non-Teaching Faculty Representative
12	Ms. Akshita Prasad, GS Student Representative
13	Ms. Maithily Mandavagane, Asst. GS Student Representative

## IQAC Committee

Sr.no.	Name	Designation
1	Dr. B.P. Joshi	Chairperson
2	Shri. Milind Kukade	Invitee
3	Shri. Sudhakar Kunte	Management Rep.
4	Shri. Arun Kumar	Industry Rep.
5	Shri. Nitin Lonkar	Industry Rep.
6	Shri. Milind Apte	Nominee Society Rep.
7	Dr. Sanjivani Shastri	Co-ordinator
8	Prof. Ajay Tinguria	H.O.D. of ETC Dept.
9	Prof. Yogesh Dandekar	H.O.D. of Mechanical Dept.
10	Prof. Sharayu Deote	H.O.D. of CE Dept.
11	Dr. Shailesh Khekale	Faculty Member
12	Prof. Pravin Gorantiwar	Faculty Member
13	Prof. Kedar Chimote	Faculty Member
14	Shri. Pradeep Joshi	Administrative Officer
15	Shri. Mithun Ragenwar	Rep. of Admin Dept.
16	Shri. Pravin Selukar	Rep. of Library Dept.
17	Shri. Vivek Chavan	Parents Rep.
18	Ms. Anagha Wankhede	Alumnae Rep.
19	Ms. Akshita Prasad	Student Rep.

## Scholarships Distribution for the A.Y. 2018-19

Sr. No.	Name of Scholarship	No. of Students	Amount
	<b>Govt. Scholarship</b>		
1	Scheduled Caste	28	2066306
2	Scheduled Tribe	4	271771
3	Other Backward Class	116	3733461
4	Special Backward Class	7	314846
5	Vimukt Jat Nomadic Tribes	7	411684
6	Central Govt. Scholarship	0	0
7	Economical Backward Class	48	1557249
8	Dr. P. Deshmukh Hostel Scholarship	14	200000
	<b>Total</b>		<b>8555317</b>
	<b>Scholarship Other than Govt.</b>		
9	Cummins India Ltd. Scholarship	25	1077885
10	Paranjape Scholarship	5	129230
11	Leela Punawala Scholarship	14	590000
12	Unifrax India Pvt. Ltd. Scholarship	1	36000
	<b>Total</b>		<b>1833115</b>
	<b>Grand Total</b>		<b>10388432</b>

### Placements in 2018-19 Batch:

Sr. No.	Student Name	Company Name	Branch	Salary in LpA
1	Pratiksha Ravindra Panchbhai	Cummins India Limited, Pune	MECH	5
2	Uma Ramuji Kore	Faurecia	MECH	3.5
3	Kalyani Madhukar Deshkar	MuSigma	CE	21 Lacs over 3 Years
4	Kajal Vijay Sharnagat	Grindwell Norton	MECH	4.68
5	Sakshi R. Deshmukh	Honeywell Technology Solutions	CE	5.5
6	Alfiza Khan	Airproducts	MECH	4
7	Revati Vivek Chavan	Infosys	CE	3.25
8	Meetali Prashant Mude	Infosys	CE	3.25
9	Koena Krishnendu Dutta	Infosys	ETC	3.25
10	Ayesha Nilay Hande	Wipro	CE	3.5
11	Akshita Prasad	Wipro	CE	3.5
12	Kalyani Mohan Deshpande	Amdocs	CE	4.75

### Students Internship in 2018-19

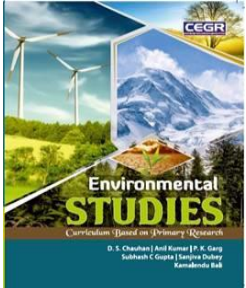
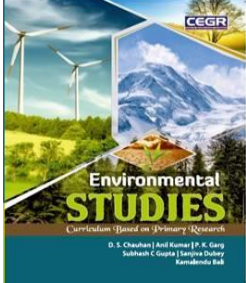
Sr. No.	Company	Number of Students	Branch	Year
1	Cummins India Limited	1	ETC	3rd
		3	MECH	3rd
2	TATA Motors, Pune	2	ETC	3rd
	TATA Motors, Jamshedpur	1	MECH	2nd
3	Heta Datain	5	ETC	3rd
		5	CE	3rd
4	Reliance Power	1	ETC	3rd
		3	CE	3rd
5	Sensors and systems	3	ETC	3rd
6	VS Informatics	10	ETC	3rd
7	Hyundai	3	MECH	2nd
8	Moil	5	MECH	3rd-3 and 2nd-2
9	JSW	3	MECH	2nd
10	Kinetic Gears	5	MECH	3rd-3 and 2nd-2
11	Kalyani Enterprises	3	MECH	3rd

12	Arun ford	11	MECH	3rd-4 and 2nd-7
13	Onkar Furnitech	2	MECH	3rd
14	Akar Industries	2	MECH	2nd
15	Sunflag	1	MECH	2nd
16	Nuclear Power Corporation of India Limited	1	MECH	2nd
17	TAL	1	MECH	2nd
18	COM1 UK	5	CE	3rd
19	The TechIntern	3	CE	3rd
20	Fab Lab	2	CE	3rd
21	AUV Technology	17	CE	3rd
22	Web Beta Pvt Ltd	1	CE	3rd
23	AmigoesTech	8	CE	3rd
24	BSNL	1	ETC	3rd
25	Essel Mining and Industries Limited, A Aditya Birla Group Unit	1	CE	2nd
26	i3indya Technologies	1	CE	2nd
27	Grindwell Norton	5	MECH	3rd

### Books and Chapters Published

1		<p><b>Strategic Innovation for Micromechanics,</b> Book by Dr. Bharatbhushan Joshi,</p> <p>Nachiket Prakashan, ISBN: 978-93-861839-9-6, 30 Jan 2017.</p>
2		<p><b>Indigenous Technology for smarter Mankind,</b> Book by Dr. Bharatbhushan Joshi,</p> <p>Nachiket Prakashan, ISBN: 978-93-865210-0-2, 28 Feb 2017.</p>
3		<p><b>Higher Education Faculty Career Orientation and Advancement</b> Book by CEGR Publication ISBN: 978-81-933475-9-1, 18 April 2017</p> <p>Contributed a chapter on '<b>Course Plan and Scheduling as per course duration</b>'</p>



4		<p><b>Environmental Studies</b> Book by CEGR Publication, ISBN: 978-81-935740-0-3, 8<sup>th</sup> Dec 2017</p> <p>Contributed Chapter on <b>Natural Resources</b></p>
5		<p><b>Environmental Studies</b> Book by CEGR Publication, ISBN: 978-81-935740-0-3, 8<sup>th</sup> Dec 2017</p> <p>Contributed Chapter on <b>Carbon Credits</b></p>

### Academic accomplishments of Teaching Staff for 2018-19

Sr.no.	International			National			Regional			Papers in edited Books / Volumes	Books	Patents / Copyright filed	Research Projects	
	Journal	Conference	Awards / Recognition	Journal	Conference	Awards / Recognition	Journal	Conference	Awards / Recognition				Major	Minor
1	1	0	0	0	1	0	0	0	0	1	0	1	1	1

### Outstanding achievements of students of the college

Sr. No	Name of Students	Discription	Year / Date
1	Himani Padole Manasi Baiswar Ritu Itankar Prachi Paunikar	2 <sup>nd</sup> Runner up prize in CII's IndNX 4.0 (1st Edition) - Smart India Hackathon held at TCS, Nagpur	28/09/2018
2	Bhagyashree Gaikwad	Certified Ethical Hacker by EC Council for 18 April 2019 to 17 April, 2022	18/04/2019
3	Ritu Itankar	PRAGATI (Project Reforms and Analysis Groups for Adapting Technology in Industries) an initiative of Vigya Bharati at Akar Industries, Nagpur	2018-19
4	Bhavana Masurkar	PRAGATI (Project Reforms and Analysis Groups for Adapting Technology in Industries) an initiative of Vigya Bharati at Akar Industries, Nagpur	2018-19

## Outstanding achievements of Faculty of the college

Sr. No	Name of Faculty	Discription	Year / Date
1	Abhishek Baseshankar	Guided to Students & 2 <sup>nd</sup> Runner up prize got by students in CII's IndNX 4.0 (1st Edition) - Smart India Hackathon held at TCS, Nagpur	28/09/2018
2	Aditya Kawadaskar	Guided Project under PRAGATI (Project Reforms and Analysis Groups for Adapting Technology in Industries) – an initiative of Vigyan Bharati at Akar Industries, Nagpur	06/03/2019 07/03/2019

## Result of Summer & Winter Exam 2018

### SUMMER 2018

Sr.No	Year	Branch	Appeared	Passed	%
1	2 <sup>nd</sup> SEM		90	69	76.67
2	4 <sup>th</sup> SEM	MECH	21	17	80.95
		ETC	20	12	60.00
		Comp. Engg	46	39	84.78
		<b>TOTAL</b>	<b>87</b>	<b>68</b>	<b>78.16</b>
3	6 <sup>th</sup> SEM	MECH	16	13	81.25
		ETC	25	22	88.00
		Comp. Engg	45	43	95.56
		<b>TOTAL</b>	<b>86</b>	<b>78</b>	<b>90.70</b>
4	8 <sup>th</sup> SEM	MECH	22	22	100
		ETC	36	36	100
		Comp. Engg	23	23	100
		<b>TOTAL</b>	<b>81</b>	<b>81</b>	<b>100</b>

### WINTER 2018

Sr. No.	Year	Branch	Appeared	Passed	%
1	1st SEM		70	54	77.14
2	3rd SEM	MECH	24	18	75.00
		ETC	15	08	53.33
		Comp. Engg	63	42	66.67
		<b>TOTAL</b>	<b>102</b>	<b>68</b>	<b>66.67</b>
3	5th SEM	MECH	23	20	86.96
		ETC	23	16	69.57
		Comp. Engg	45	40	88.89
		<b>TOTAL</b>	<b>91</b>	<b>76</b>	<b>83.52</b>
4	7th SEM	MECH	14	13	92.86
		ETC	22	21	95.45
		Comp. Engg	46	46	100
		<b>TOTAL</b>	<b>83</b>	<b>80</b>	<b>96.39</b>

## EVENTS 2018-19

### Memorandum of Understanding (MoU) signed between Cummins College & Janakalyankari Samiti, Nagpur (10-06-2018)

MoU was signed between Cummins College of Engineering for women, Nagpur & Janakalyankari Samiti, Nagpur on 10<sup>th</sup> June 2018. This MoU is signed to give tangible framework to social / Technological work being done by Cummins CoEW jointly with Janakalyankari samiti in adjoining village. Cummins College always strives hard to create good citizen in the engineering professionals. This initiative will also help to bring technology into the villages and will help residents to use that. 5 to 6 villages in Hingna tehsil will be benefited by this mutual initiative of both the organizations.

Various initiatives like exploring opportunities of technical interventions for sustainable development of villages, awareness of Digital India movement & Swachha Bharat Abhiyan, plastic-free village, Solar plant installation education and many more will be jointly taken as per MoU.

Dr. B.P. Joshi from Cummins College and Mr. Sumant Puntambekar, Chairman, Janakalyankari Samiti signed the documents. Staff, students of Cummins College & various dignitaries from Janakalyankari Samiti were present during the signing of MoU ceremony. Shril Milindji Kukde's guidance & full management support is available for this mission.

Prof. Yogesh Dandekar, Program Officer, NSS coordinated the activity. Prof. Harshwardhan Kharpate proposed vote of thanks.



## Cummins College of Engineering for Women, Nagpur receives Times Award for being “The Best in Women Engineering” (17.06.2018)

Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Nagpur is awarded “The Best in Women Engineering” back to back by Times Group in Nagpur in a glittering function held at Le Meridian on 17th June 2018. CCOEW, Nagpur received award for providing Quality academics, for Best placements in core companies, for Best Infrastructure and most important for providing Safe and secure environment to girls in engineering education. The college was acknowledged for Innovative Teaching -Learning methodology. The college has produced professionals ready to serve the industry but are also good citizens. The best practices followed by college are appreciated by the Times group.

Shri. Milind Kukade, Chairman, MKSSS Nagpur congratulated Dr. Bhushan Joshi, Principal and all the staff of Cummins College. Dr. Bhushan Joshi acknowledges contribution of all Teaching, Nonteaching staff, Students, Alumnus, Parents, Associated companies, management members for their continuous support towards bringing up the college to this high level.



## Cummins college stretches on International Yoga Day (21.06.2018)

Cummins College of Engineering for Women celebrated International Yoga Day dated on 21<sup>st</sup> of June 2018. The emphasis of this program was to expose students to the gift of ancient Indian civilization ‘yoga’ and to inspire them to inculcate it’s practice in daily routine.

Some texts defines Yoga as the science to establish balance between physical , mental, emotional, soul and spiritual level. Accordingly, the asanas were scheduled to heal physically by means of physical exercises and then mentally by pranayam and other breathing techniques. The program took an auspicious start where the dignitaries were welcomed in a traditional way. The basic exercises were led by chanting of mantras. Various standing exercises like Tadasan, Vrukshasan, ardha chakrasan and trikonasan and sitting exercises like bhadrasan, ushtrasan, parvatasan, vakrasan and vajrasan were included in the schedule followed by pranayam.

Para Olympic laureate Shri. Vijay Munishwar was invited as the chief guest who motivated students to practice yoga daily and to make use of some effective breathing techniques to excel in academics. Principal Dr. Bharatbhushan Joshi shed light on how one can stay fit by inculcating small healthy habits in day to day life of course yoga being the inevitable one.

Program concluded by chanting of *shanti mantra* followed by the national anthem. This program was coordinated by the NSS unit of college under the supervision of program officer prof. Yogesh Dandekar . Vote of thanks was proposed by student coordinator Rudrani Sapate.

### EETP Valedictory at Cummins (22.06.2018)



Cummins college of Engineering for Women every year conducts Employability Enhancement Training Program (EETP). The main purpose of EETP is to bridge the gap between the industry and Institute. This year total five EETP's conducted in all three departments in the first week of this new session. The chief guest for all these EETP's valedictory was Shri.Suresh Rathi, Vice President of VIA.

In association with MCED, two EETP's of 30 hours each are conducted, one was solar power plant installation for Electronics and telecommunication students and other one was refrigeration and air conditioning for Mechanical students. In Computer Engineering department two EETP's conducted, one was on Android for 35 hours and other one was PHP for 35 hours. In electronics and Telecommunication department one more EETP conducted for final year students for 40 hours on embedded technology and IoT.

In 22<sup>nd</sup> June 2018 valedictory program, all teaching coordinators gave brief about EETP and students gave their feedback. Mr. P.V. Ingle, MCED center head briefed about MCED activities. EETP Certificates were distributed at the hands of chief guest. The Chief Guest Shri.Suresh Rathi appreciated the activity conducted by college and said it's a need of the hour. He also motivated the students about entrepreneurship and made program more interactive by handling the different questions from students. Dr. Bhushan Joshi He appreciated in-house faculty trainers for learning and delivering EETP in their department. The program was coordinated by Training and Placement officer Mr. Manish Raut and Prof. H.V. Kharpate, ED Cell incharge under the guidance of Principal Dr. Bhushan Joshi.

## Cummins CoE greets new entrants with at “Parigrah” (26.06.2018)

Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Nagpur gave a warm welcome to its first year engineering students with the inauguration of Induction Program “Parigrah” (meaning – The Beginning). During the three weeks orientation program, guest lectures by eminent personalities from industries, education, health, and other fields are arranged for students.



First Year students are also prepared on learning to learn. All the new students and their parents attended the welcome ceremony. Wing Cdr. Vinay Sagdeo, Head, Aerospace & Defence, Anand Group, Nagpur graced the event as a chief guest and Shri Milind Kukade, Chairman MKSSS, presided over the function. Wg. Cdr. Sagdeo urged new entrants to take opportunity to participate in all activities for their all round development. He appealed students to come out of their comfort zone, have a wider vision, to do good things and to be happy always. Dr. Bharatbhusan Joshi, Principal, Cummins College, emphasized the role of hard work and consistency in student's life. He urged students to be ready for hardship during these four years. Mr. Milind Kukade, Chairman, MKSSS, assured all parents all-round development of their daughter in a secured environment. The collegetop rankers of 1<sup>st</sup> and 2<sup>nd</sup> semester for the session 2017-18 were felicitated at the event. Prof. Sanjivani Shastri coordinated the event. Prof. Pravin Gorantiwar proposed by vote of thanks.

## “Dare to Start up” Organized at Cummins college of Engineering for women. (30.06.2018)



to motivate them towards entrepreneurship.

Entrepreneurship Development cell of Mksss's Cummins College of Engineering for women, Nagpur organized and launched an event named “Dare to Start Up” on Saturday 30<sup>th</sup> June 2018. Dare to start up is an event in which young and dynamic Entrepreneurs from different sectors who have really dared for their startup are invited to campus to share their experience and journey with the students and

Mrs. Saloni Parekh, who has her startup named Pamper Hamper ([www.pamperhamper.in](http://www.pamperhamper.in)) talked about how to get into entrepreneurship and also shared her success story. Mr Prasad Tatode, a young entrepreneur, who has started his own venture, after graduation, named Arin Energy ([www.arinenergy.com](http://www.arinenergy.com)) talked on importance of doing research during graduation itself to start any venture. He also shared his personal entrepreneurship experience. Both the speakers had an interactive session in which they answered to the queries from the students. On this occasion the team of student E-Cell is launched with their responsibilities as per the structure provided by PM-YUVA.

Principal, Dr. B. P. Joshi in his address stressed upon the importance of start-ups in today's era. He also appealed students to register on startup India website and take advantage of online lessons. ED cell team Prof. Harshwardhan Kharpate, Prof. Prasanna Mahankar, Prof Sneha Uttarwar and Prof. Pallavi Tanksale took efforts in organizing an event.

### Cummins College Shakes hand with three Industries on single Day (13.07.2018)

Cummins College of Engineering for Women always tries to bridge the gap between industry and academia by conducting EETP (Employability enhancement training program) every year. This year college has signed three MoU's with three different companies on single day for enhanced relationship between Cummins CoEW and Industries on 13/7/2018. The Industry Institute Interaction cell of the college took efforts for these three MoU's. The Chief Guest for the event was Mr. Arvind Kumar, Center Head of TCS, Nagpur.



The first of three MoU was signed with AUV Technology for Computer Engineering department. The main objective of MoU is to impart latest technology like Hadoop and Python practical knowledge in students and live project. Mr. Akshay Dhomne, MD was the signing authority for AUV Technology MoU. The second MoU was signed with VS Informatics for Electronics and Telecommunication Engineering department with the objective of hardware and software implementation of electronic circuitry. Mr. Sandeep Sonaskar, Director was the signing authority for VS Informatics MoU. The third MoU was signed with PVR Engineers for Mechanical Engineering department with the objective of live projects, hands on training and internship to students. Mr. Sameer Bangale, Director was the signing authority for PVR Engineers MoU.

In the event student's technical clubs were also installed for all three departments. The Chief Guest Mr. Arvind Kumar appreciated the MoU initiative taken by college and said it's a need of the hour. He also motivated the students to try and develop passion in every field you are working in. Dr. Bhushan Joshi, Principal appreciated the efforts taken by industry Institute Interaction cell and appealed the students and departments to take advantage of these MoU's. The program was coordinated by Prof. Pravin Khawse along with Prof. Jaya Raut and Dr. Shailesh Khekale under the guidance of Principal Dr. Bhushan Joshi.

## Student Council Elected at Cummins College, Nagpur (14.08.2018)



Maharshri Karve Stree Shikshan Samstha, Pune's Cummins College of Engineering for Women, Nagpur is always taking efforts to prepare students for Industrial environment. Apart from regular academics college is taking efforts for overall development of students by arranging various events like Cultural, sports, College Magazine etc. All these events are organized by the students of college. Every year the Student Council members are elected through voting of the College students. Student Council members elected this year are as follows-

1. General Secretary – Akshita Prasad
2. Asst. General Secretary- Maithili Mandavgane
3. Cultural Secretary – Alfiza Khan
4. Sports Secretary- Nidhi Onkar
5. Magazine secretary- Meetali Mude

More than 90% students from first year to final year have casted their votes for above posts. Cultural Co-ordinator Prof. Kedar Chimote conducted the election process. All the departmental HoDs and admin staff were involved in the counting process.

Shri. Milind Kukade, Chairman Nagpur Prakalp and Dr. B.P. Joshi Principal Cummins College gave guidance and directions for successful conduction of election Process.

## Tree Plantation Program at Maharshi Karve Stree Shikshan Samstha's CCOEW, Nagpur (24.08.2018)



'Tree Plantation Program' was organized by Maharshi Karve Stree Shikshan Samstha's, Cummins College of Engineering for Women, Nagpur. The plantation was done by the hands of Rtn. Mrs. Minal Dehadrai, President, Rotary Club of Nagpur Downtown, Rtn. Mr. Virendra Patrikar, Chair, Rotary Club of Nagpur Downtown and the members of Rotary Club of

Nagpur Downtown. MKSSS's Nagpur Prakalpa Chairman, Mr. Milind Kukade, Cummins College of Engineering for Women, Nagpur Principal, Dr. B. P. Joshi, graced the occasion. The program was successfully organized by the NSS Unit of college under the coordination of Prof. Pallavi Ganorkar, NSS Program Officer and the NSS Student Head, Ms. Pratiksha Panchabhai.



### Cummins CoE Cheers “Govinda Ala Re...” (07.09.2018)

Maharshi Karve Stree Shikshan Samstha’s Cummins College of engineering for Women organized “DAHI-HANDI” competition on the occasion of “Krushna-Janmashtami” recently. The event was organized at college premise where students of Cummins CoE and MKSSS SitabaiNargundkar College of Nursing participated enthusiastically. Students created human pyramid of 4 layers to break the *Dahi-Handi* at the height of 25 ft.



Shri.Vinodji Khode, Digital IT Leader, Cummins ABO, Pune, grace the occasion as a chief guest. Shri. Khode admired students for organizing such types of activities in the women’s college. Shri.Milind Kukade, Chairman, MKSSS Nagpur Prkalpa inaugurated the event. Mrs. RupaVarma, Principal, Sitabai Nargundkar College of Nursing was present prominently on this occasion. The Cultural Programs presented by students of both the colleges made the event more entertaining. It was really delightful to watch girl students to form human pyramid and participate in *Dahi-Handi* competition. The event was made live on Facebook by the student coordinators. Students of Cummins CoE broke the Matki in first attempt. Prof. Pravin Gorantiwar coordinated the event under the guidance of Dr. B. P. Joshi, Principal, Cummins CoE, Nagpur.

### “Digvijay Divas” Celebration at Maharshi Karve Stree Shikshan Samstha’s Cummins college of Engineering for Women (11.09.2018)



Maharshi Karve Stree Shikshan Samstha’s Cummins college of Engineering for Women, Nagpur celebrated “Digvijay Divas” at the Institute, by organizing “Marathi & English Reading of Historic Speech Swami Vivekananda” for student. The day is celebrated on the occasion of 125<sup>th</sup> anniversary of Swami Vivekananda Historic speech on 11

September 1983 at the “Parliament of the World’s Religions” in Chicago.

Miss. Maithili Mandavgade (Student, 5<sup>th</sup> Semester Mechanical) gave a brief introduction about the event; whereas Miss. Vanshika (student 1<sup>st</sup> Semester) read the English speech Swami Vivekananda and Miss Aditi Joshi (student 1<sup>st</sup> Semester) read the Marathi translation of this Speech. More than 150 students participated in this event.

Dr APJ Abdul Klam Library & Information Center, Cummins college of Engineering for Women organized this event. Mr. Pravin Selukar & Mr. Alankar Joshi took tiring efforts for the conduct of this event. Shree Milind Kukde, Chairman MKSSS, Nagpur Prakalp & Dr. Bhushan Joshi, Principal Cummins college of Engineering for Women appreciated the efforts of library department and encouraged students to take part in such activities.

### **Maharshi Karve Stree Shikshan Samstha's Cummins college of engineering for Women won the second prize in CII and TCS organized 1st edition of IndNX 4.0 – “Smart Industry Hackathon” (29.09.2018)**

Confederation of Indian Industry CII in association with TCS organized 1<sup>st</sup> edition of IndNX 4.0 –“Smart Industry Hackathon” in which students from various colleges of Vidharbha region participated. There were total 56 groups from all over Vidharbha. One of the groups from Maharshi Karve Stree Shikshan Samstha's Cummins college of engineering for Women won the second prize of cash worth Rs. 30,000/- along with the first runner-up certificate and a trophy. The project was prepared by 2<sup>nd</sup> year students Ms. Himangee Padole, Ms. Mansi Baiswar, Ms.Prachi Pounikar, Ms. Ritu Itankar and was mentored by Prof. Abhishek Baseshankar. The project was titled as “Smart Energy Meter” in which they presented a prototype on how to send meter reading wirelessly on cloud. Their idea involved analysis of energy meter, utilizing some of the internal resources and applying logic to transmit the data on the cloud.



All projects were appreciated by MKSSS Nagpur Prakalpa Chairman Mr. Milind Kukade and reviewed by Principal Dr. Bharatbhushan Joshi during development.

### **Umang 2018 celebrated at Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women (10.10.2018)**

The festival of navratri comes with a promise of nine days filled with fun, frolic and dance all over India, symbolizing victory of positivity over negativity. It is one of the most anticipated festivals among the youth. As a part of navratri celebration, Umang 2018, a garba night is celebrated enthusiastically in the campus of Cummins College of engineering for women, Nagpur

Management member Mrs. Surekha Saraf, Chairman SNCON Sri. Shrikant Chitale ,Principal SNCON Rupa Verma, Principal B.Ed College Dr. Karlewar, Principal DTed College Mrs. Manisha Sormare shared their valuable time, motivated students and grace the event till the end. Principal of Fashion technology institute Mrs. Kripa Sawlani was the judge of garba competition organized for Students and the teachers. Various titles and attractive prizes were given to the students and teachers for their performance and attire. Best hairstyle given to Pooja Radake, best makeup to Akku Lingfa, best chaniyacholi to Gunjan Chouhan, best garba Krutika Chavan, Miss Umang to Sayali Rathod, Mr. Albela to Pro. H. Kharpate, Miss/Mrs. Albeli to Prof. R. Katole.

The entire program was organized under the motivation of Chairman MKSSS Nagpur Prakalp Shri. Milind Kukade, under the guidance of Principal CCoEW Dr. B.P. Joshi and was coordinated by Prof. R. Deshpande Cultural Head, Ms. Akshita Prasad, GS and Ms. Maithili Mandavgane, AGS of the college.

### **“Reading Inspiration day” Celebration at Maharshi Karve Stree Shikshan Samstha’s Cummins college of Engineering for Women (15.10.2018)**

Maharshi Karve Stree Shikshan Samstha’s Cummins college of Engineering for Women, Nagpur celebrated Reading Inspiration day on 15<sup>th</sup> October 2018. Reading Inspiration day was held to encourage the habit of reading students. The event marks the 87<sup>th</sup> birth anniversary of former president late Dr. A.P.J. Abdul Kalam who always inspired the students. On this day students read the various books. Some students spoke about the life and achievement of legendry A.P.J Abdul Kalam. Students also took resolution that they will not use internet or any latest gadgets for one day in a month and would rather read a book to acquire new knowledge. Gifting a book on birthdays was also encouraged at this function.

Dr APJ Abdul Kalam Library & Information Center of Cummins college of Engineering for Women organized this event. Mr. Pravin Selukar & Mr. Alankar Joshi took tiring efforts for the conduct of this event. Shri. Milind Kukade, Chairman MKSSS, Nagpur Prakalpa & Dr. Bhushan Joshi, Principal Cummins college of Engineering for Women appreciated the efforts of library department.



## “Celebration of Constitution day in Maharshi Karve Stree Shikshan Samstha’s Cummins College of Engineering for Women, Nagpur” (26.11.2018)

The NSS unit of Maharshi Karve Stree Shikshan Samstha’s Cummins College of Engineering for Women has celebrated constitution day on 26<sup>th</sup> November, 2018. During this program Dr. Asha Gedam had given a brief introduction about the constitution day. The reading of Indian constitution preamble was conducted by Prof. Suruchi Kitey along with teaching & non-teaching faculty members.

This program was carried out under the guidance of Dr. Bharatbhushan Joshi, Principal & Mr. Milind Kukade, Chairman, Maharshi Karve Stree Shikshan Samstha’s Nargundkar Shaikshanik Prkalpa, Nagpur.

## Self Defense Training at CCOEW, Nagpur (17.01.2019)



A 3 day ‘Self Defense Training Program’ was organized by the NSS unit of MKSSS’s Cummins College of Engineering for Women, Nagpur in association with ABVP and Vidyanidhi Nagpur under the venture of ‘Mission Sahasi’. It is a venture started by Vidyanidhi Nagpur and ABVP, on account of increasing female victimization in our country. The students of CCOEW, Nagpur were given the basic training of self defense techniques from the ABVP personnel’s and female student trainers. The basic techniques included stomach punch, chin punch, head punch, cross punch, neck chop etc. The students were also demonstrated about various judo techniques of the self defense. The program was successfully coordinated by the NSS Program Officer Prof. Pallavi Ganorkar and NSS Student Head Ms. Pratiksha Panchbhai under the able guidance of MKSSS Nagpur Prkalpa Chairman, Shri. Milindji Kukade and CCOEW, Nagpur Principal, Dr.B.P.Joshi.

## CUMMINS COLLEGE OF ENGINEERING FOR WOMEN CELEBRATED “NATIONAL YOUTH DAY” (18.01.2019)

Cummins College Of Engineering For Women, Nagpur along with Ramkrishna Math Nagpur has organized one day youth convention “YUVA SFURTI” on the occasion of National Youth Day for engineering students and staff on human excellence on 18<sup>th</sup> January. This youth convention is for 125<sup>th</sup> year’s celebration of world famous and Historic Lecture of Shrimat Swami Vivekanada at Shikago. The objective of workshop is to inculcate necessary qualities like concentration,



character building and human excellence in all the field of life. Shrimat Swami Bodhamayananda, Director, Human Excellence centre, Ramkrishna Math, Hyderabad inaugurated the one day youth convention. Shrimat Swami Bodhamayananda and Dr. Shirish Limaye, Professor Symbiosis College Pune were the motivators. Dr. Shirish Limaye elaborated famous statements of Swami Vivekananda like ‘Knowledge is power’, ‘Education is the manifestation of perfection and it is the key to character building’. Shrimat Swami Bodhamayananda guided students on the path which is less used and elaborated on ‘Power is life and weakness is the death’.

Coordinator Dr. Shailesh Narayanrao Khekale and all the faculty members have worked hard for successful conduction of this youth convention under the guidance of Shri Milindji Kukde, Chairman Nagpur Prakalpa of Maharshi Karve Stree Shikshan Samstha Nagpur and Dr. Bharatbhushan Joshi, Principal Cummins College of Engineering for Women, Nagpur.

### **Industrial Visit at Onkar Furnitech organized by Cummins College of Engg. Nagpur (25.01.2019)**

Maharshi Karve Stree Shikshan Samstha’s Cummins College of Engineering for Women, Department of Mechanical Engineering has successfully organized one day industrial visit of Mechanical Engineering students at Onkar Furnitech, Hingna MIDC, Nagpur. Students got a practical exposure working of CNC punching, CNC cutting, Spot Welding, MIG Welding, CNC Lesser Cutting, Powder coating, Metal Sheet Lamination. Shri. Kalpak Onkar, Head (Projects and Technicals), Mrs.Rupali, Industrial Engineer, Onkar Furnitech, spent their valuable time to describes all technical details of manufacturing used in hospital furniture. Chairman Shri. Milind Kukade, MKSSS, Nagpur Prakalpa, Principal Dr. B.P. Joshi, Cummins College, Nagpur motivated to organize such Industrial visit. Prof. Y.V. Dandekar, Head Mechanical Engineering, Prof. A.S.Getme, Faculty Mechanical Engineering had taken efforts for organize the visit.



### **Blood Donation at CCOEW, Nagpur (28.01.2019)**



Maharshi Karve Stree Shikshan Samstha’s Cummins College of Engineering for Women organized the Blood Donation camp under its NSS unit. The camp was organized by the college during its Annual Fest ‘Anannya’ in association with Jeewan Jyoti Blood Bank. Faculties and students of the college actively participated in blood donation. The program was successfully implemented by the NSS team of the college under the able guidance of MKSSS Nagpur

## Techtonic Technical Program at MKSSS Cummins College of Engineering for Women, Nagpur (28.01.2019)

Maharshi Karve Stree Shikshan Samastha's Cummins College of Engineering for Women, Nagpur had its first day of annual fest Anannya 2k19 named Techtonic which is a one day technical event, held on 28 January.

The event was inaugurated by lamp lighting and untying the ribbon of Anannya invitation card by the Principal of the college Dr. B.P. Joshi and the various Head of Departments. The whole

program of Techtonic was conducted under the guidance of MKSSS Nagpur Prakalpa Chairman Shri. Milindji Kukade.

The events included a PowerPoint presentation on 'Advancement in Photonics'. The students explained study of this critical technology and the study involved in radiant energy.

The event organised by Computer Department was Techwizard. This was in two rounds. The first round was a quiz on Computer World and second round was Codestorm in which students were given problem definitions to solve them through any language.

The event organised by the Mechanical Department was MechZest. In this the participants were challenged to a design a 3D object through Lethe Machine.

The Electronics and Telecommunication Department organised an event named ArduinoMaster. Here the students were given LED patterns and the students had to generate exact same patterns. There was also Ideation organised by E Cell which was based on Technical Start-up ideas and last event was Fete.

At the valedictory function the Guests of Honor , Miss Diksha Khare and Mr. Manish Maurya inspired the students with their start-ups. There was a video showcasing the events of the day. The Chief guests were called upon to give a speech on their respective fields of study. Next there was a speech by the Principal Dr. B.P. Joshi who congratulated the students. He stressed the need of self learning and making use of MOOCS available on the internet. The program was successfully coordinated by Prof. Jaya Raut.



## Nurturing Brilliance Scholarship distributed at Cummins College of Engineering for Women, Nagpur (30.01.2019)

Nurturing brilliance scholarship distribution program was held at Cummins college of Engineering for Women on 30<sup>th</sup> Jan. The scholarships were given at the hands of Mr. Arun Kumar,(GM,Corporate Responsibility, Cummins India Limited) and Mr. U Srivastava,(Cummins



Distribution head at Nagpur) in a grand ceremony in the presence of Mr. Shripad Aprajit (Senior editor, MTA), Milind Kukade (Chairman, MKSSS, Nagpur Prkalp), Dr. B P Joshi (Principal) and Dr Sanjeevani Shastry. Every year Cummins India foundation supports 10 students of Cummins CollegeNagpur to help them complete their education

without any hindrance. This scholarship covers complete tuition fees, exam fees and stationary expenses of the student for all four years. A laptop along with the scholarship allotment letter was distributed to the students in the presence of their parents. As a part of women empowerment mission, the Cummins College also felicitated Dr. Leena Deshpande from NEERI for her outstanding contribution as a water resource management scientist, Rtn. Minal Dehadrai, Structural engineer, for her women entrepreneurship and Master Shreenabh Agrawal, the young scientist of Nagpur. The students Magazine '*Yugandhara*' was also launched during this program which carries the interviews of the women who were felicitated.

Mr Arun Kumar congratulated all the awardees and stressed on the need of studies beyond syllabus. Mr Milind Kukade announced that this Samstha will give full financial to students who are from suicide suffered families of farmers. He also said Quality learning, Quality Placement with good human ethics is the key point of Cummins Nagpur. Mr Aparajit endorsed thesamstha's outstanding academic growth and advices students to associate themselves with innovators and get into innovations. Vote of Thanks was proposed by Prof Priya Ramteke.

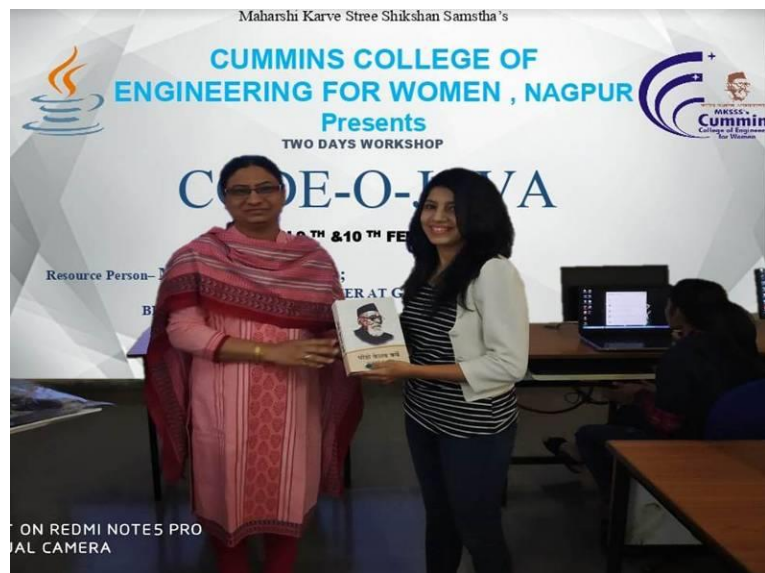
This year Cummins Nurturing Brilliance Scholarship Awardees of 2019 are:

AMRUTA SANJAY JOSHI	Mechanical second year
ANGEL YESANNA SILKA	Computer Second year
APEKSHA DILIP DHANASKAR	Mechanical Second year
BHAGYASHREE KISHOR GAIKWAD	Computer Second year
CHAITALI SATISH JERPOTWAR	ENTC First year
GAYATRI PRABHAKAR SUPATKAR	Computer Second year
JAGRUTI SUBHASH PANCHAM	Computer Second year
MRUNMAYEE GIRISH DESHPANDE	Computer First year
NIKITA VILAS AMBEKAR	Mechanical Second

## Two Days Workshop on Core & advanced Java with NoSQL database (09.02.2019 to 10.02.2019)

Two Days Workshop on “*Core & advanced Java with NoSQL*” was conducted by the Department of Computer Engineering of MKSSS’s Cummins COEW Nagpur from 9th Feb - 10th Feb. The resource person for the workshop was **Ms. Uttara Joshi**, Alumni CCOEW and Software Engineer at GE Healthcare, Bengaluru, Karnataka, who has handled various projects in the field of Healthcare. A total of around 65 students across various semester got benefitted by the workshop.

The topics covered in the session included an overview of Object Oriented Programming in Java, Encapsulation, Polymorphism, Constructor, Up casting, Down casting, Abstract class, lists, graphs, maps Inheritance its types, hibernate, Spring boot. She also gave insights on the work done in the field of healthcare and on the expectation from the students of engineering at the interview. The Workshop was very interactive and the students have enthusiastically participated in the workshop.



The workshop was coordinated by Prof. Pravin Khawse and Prof. Shailesh Sahu, Asst Professor, CE Department, under the guidance of head of department Prof. S. J. Deote.

Department of Computer Engineering has also organized a industry guest lecture on ‘**Big Data Introduction and case study**’ for the students of Computer Engineering. Mr Abhijit Kamune, a Senior Software Developer at JP Morgan Chase Bank, Hyderabad having over 6 years of experience in the field was the resource person for the lecture, who talked about Data Warehousing, Data Mining and Big Data. Prof. Vidya Raut along with the team of Computer Department took efforts in organizing this Session. Shri. Milind Kukade, Chairman MKSSS, Nagpur Prakalpa and Dr. B. P. Joshi, Principal, CCoEW, Nagpur motivated all.



## Faculty of Cummins College at RS Science Exploratory (19.02.2019)



Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women Nagpur has arranged faculty visit to Prof. Rajendra Singh Science Exploratory Nagpur on Tuesday 19 Feb,2019. Dr. Bhushan Joshi, Principal, Cummins college encouraged III cell to arrange the visit to the exploratory and explore activity based learning, which helps the students to understand and learn concepts in more effective way by doing activities in real time.

Samstha's Chairman Nagpur Prkalp Shri Milind Kukade motivated faculties to adopt new teaching methods. III cell Incharge Prof. Aditya Kawadaskar along with Prof. Pravin Khawse and Dr. Sanjivni Shastry, HoD Allied science coordinated the visit.

## Application workshop using Pluto Drone (27.02.2019 to 28.02.2019)

Maharshi Karve Stree Shikshan Samstha's Cummins College of engineering for women, Nagpur



conducted two days training program entitled **Applications of Pluto Drone** in collaboration with Dalvik apps and WeCan Education, Drona Aviation in association with Institute of Electronics and Telecommunication Engineers student forum on 27<sup>th</sup> and 28<sup>th</sup> Feb 2019. Under this training program, the students learned the basic building blocks of Pluto Drone, about UAV designing and assembling methodology. The students understood dynamics of air borne vehicle, controlling

algorithm, programming of drone and also how to fly a drone on simulation. Principal Dr. B.P.Joshi, congratulated students for successfully completing the workshop, asked students to think of different applications. The whole program was conducted under the guidance of MKSSS Nagpur Prkalpa Chairman Shri. Milindji Kukade. The program was successfully coordinated by IETE teacher coordinator Prof. Jaya Raut.

## Students of Cummins College during visit at Yalamanchili (02.03.2019)

Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women Nagpur has arranged Industry Visit to Yalamanchili Software Exports, Pratap Nagar, Nagpur on Saturday 2<sup>nd</sup> March, 2019.



Students of third year Computer Engineering department of college visited the software company's Nagpur office. Students were exposed to various departments in the campus like Operations department, Training centers, Networking section, transaction Processing section, etc. Students got to know about the Services provided by the company and the brief overview of the banking transaction

Processing done by them.

The visit got the valuable guidance and support from Samstha's Nagpur Prakaral Chairman Shri Milindji Kukde and Principal Dr. B P Joshi. III cell coordinator of department Prof. Pravin Khawse along with Prof Sharayu Deote, Head of Computer Department took efforts for smooth conduct of visit.

## MKSSS Cummins College of Engineering for Women, Nagpur Celebrates Women's Day (08.03.2019)

Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Nagpur Celebrated Women's Day on 8<sup>th</sup> March 2019. The program was organized by Entrepreneurship Cell of the college. The program comprised of one day workshop on "Tech and Business". There were two sessions including one on 'Social Media Algorithms' and other on 'How to start your own business being a first generation Entrepreneur'. The sessions



were conducted by two young lady entrepreneurs Ms. Amrata Joshi and Ms. Aneri Chandura from Mumbai. The sessions included Hands on on SEO/SEM, role of social media algorithms in data privacy, how to cheat social media algorithms, future scope of Social media algorithms, idea creation, market analysis, team building and collaboration, choosing of the right platform for the business and many more. The inauguration program was presided by MKSSS Nagpur Prakaral Chairman Shri. Milindji Kukade and CCOEW Nagpur Principal, Dr. B. P. Joshi. The program was successfully coordinated by the E-cell student Coordinators and respective teacher coordinators Prof. H.Kharpate, Prof. P.Ganorkar, Prof. S.Uttarwar, Prof. P.Mahankar and TPO Mr. M. Raut.

## CUMMINS OPEN DAY CELEBRATED ON 9<sup>th</sup> April, 2019

Smart innovative ideas from budding CCOEW engineers were showcased during the 'Cummins Open Day' held on April 09, 2019. Curious persons of all ages right from small school children to retired persons from Industry visited the campus. There was footfall of almost 200 visitors to the Cummins college campus on a single day. More than 30 innovative projects were displayed. Please read on to know about the innovative concepts that were converted into working projects by our students

Everybody is busy in their lives and does not have time to know essential daily inputs such as news, weather forecast etc. The students of CCoEW developed a SMART MIRROR which shows date, time, current weather and its forecast. The mirror also controls your phone and plays music for you. The students of Computer engineering have used technology of WiFi embedded Raspberry Pie for user interface with internet. Farmers often face problems of intruder animals, which damage their crops. The Computer Engineering students designed Intruder Recognition system using laser based motion sensors to detect the movement of animals. The sensors are planted all along the periphery of the fence which generate required alert for the farm owner and also sound a hooter to shoo away the animals.

In our day to day life, we see digitalization everywhere. Digitization in Energy sector is also a revolution which the need of society. The students have developed Energy Monitoring system which reduces the complexity and cost of audit of Energy systems.

Coal is the fossil fuel which is vital source of energy production and unfortunately it is not abundant in nature. It is fast Depleting Coal Reserves could push up energy prices. The second problem is of Stubble burning around NCR of Delhi which has posed life threatening problem of smog and heavy particle pollution in Delhi. Keeping this in mind, the students of Mechanical department designed a Briquette Making machine, which produces small briquettes using agro residue.

These briquettes can be used for Power generation as an alternative to coal. The system uses hydraulics to produce briquettes by applying pressure of 400 PSI and suitable heating the formed briquette.

### Smart Mirror



### Energy Monitoring System



The students of mechanical engineering have developed a very low cost cotton wick machine with low maintenance. The students have used die and mechatronics for wick formation.

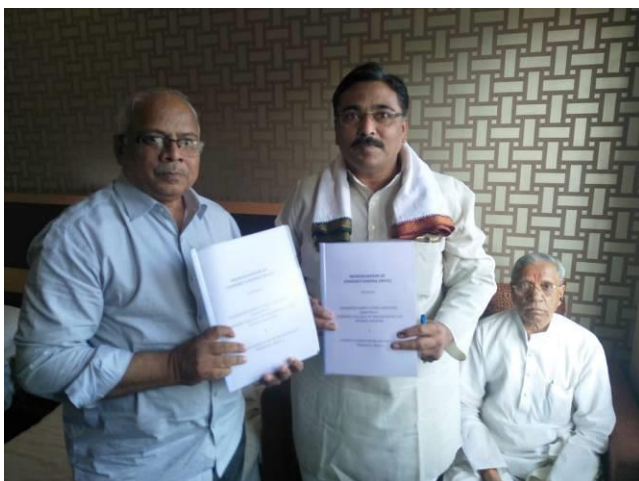
The students of Electronics and Tele-Communication Engineering developed a project in Health sector which is called SMART INHALER which measures the exact flow of medicine which the patient is inhaling and shows the information on the app whether the patient has inhaled properly or not. This equipment will help not only patient but to doctor also to monitor the doses taken by patient through state of the art technology of IOT.



The students of Cummins College of Engineering always come forward and give concrete and cost effective solutions to the problems a common man or problem statements of industry through their innovative ideas. Some of the prototypes or proof-of-concepts were exhibited during Cummins Open Day.

Shri. Milind Kukade, Chairman, Maharshi Karve Stree Shikshan Samstha Nagpur Prkalp, appreciated efforts taken by students and faculty in creating innovative projects. Dr. Bharatbhushan Joshi, Principal of CCoEW who himself monitors project development through monthly reviews says; “Students should fully utilize college infrastructure and faculty knowledge along with mentoring from industry partner to develop their concept into a product. This will help budding entrepreneurs quickly cultivate their ideas to marketable products. Our mission is to create more and more job creators than job seekers.” Prof. Yogesh Dandekar coordinated the Open-Day event and all staff took efforts to make the event successful.

### **MoU signed between MKSSS Nagpur Unit & Adarsh Goseva Evam Anusandhan Kendra, Akola (21.04.2019)**



An MoU has been signed between Maharshi Karve Stree Shikshan Samstha's Nagpur Unit & Adarsh Goseva Evam Anusandhan Kendra, Akola on 21<sup>st</sup> April 2019.

As per this MoU students of Cummins College of Engineering for women, Nagpur will be educated about economics of Indigenous Cow and Panchagavya (5 extracts from Indigenous Cow) & different medicines made from them. Goseva Anusandhan Kendra will help

them in this regard.

Students and faculties of Cummins College will try to develop & modify different machines for Kendra under this MoU. They will also put in efforts for research & development in this field.

Papers were signed by Mr. Milind Kukade, Chairman MKSSS, Nagpur unit & Mr. Vivek Bidwai from Adarsh Goseva Kendra, Akola. Mr. Ratanlal Khandelwal & Ramakant Bhople from Adarsh Goseva Kendra and Dr. Bhooshan Kelkar from MobiusSutra along with Prof. Yogesh Dandekar, Prof. Prasanna Mahankar, Prof. Abhijit Getme and Mr. Manish Raut from Cummins College were prominently present in the ceremony. Dr. Bharatbhushan Joshi, Principal, Cummins College of Engineering for Women, Nagpur appreciated the efforts taken by the staff.

### Dr. Bhushan Joshi elected on Maharashtra Council of CEGR (15.06.2019)

**Centre for Education Growth and Research (CEGR)** is the leading education think tank in India, and is dedicated towards creation of Ecosystem for qualitative, innovative and employability-enhancing education system and create the next generation as future leaders. The Centre provides a platform for the exchange of dialogue among educationists, policy makers and augments educational growth and research. CEGR has more than 5000 members as academicians, corporates and researchers. CEGR National Council comprises of 35 Chancellors and Vice Chancellors, Bureaucrats from AICTE, representatives from association of Indian Universities and leading industries.

In the recently held fourth round table conference on 15<sup>th</sup> June at Pune, CEGR elected Maharashtra council members. **Dr. Prabhat Ranjan**, Vice Chancellor of DY Patil International University, was elected as **President**, Dr. Daniel J. Penkar, Director, S. B. Patil Institute of Management was elected as **Regional Director** and **Dr. Bharatbhushan Joshi**, Principal of Cummins College of engineering for Women was elected as **Vice president** in Maharashtra council of CEGR. In addition many other members were also elected.



**Dr. BP Joshi**

The fourth round table discussion deliberated on collaboration among the academic institutions for sharing of academic resources and exchange of students, faculty members to improve the efficiency of Academic Institutions and making Maharashtra as the preferred education hub for future.

CEGR advocates quality education through national seminars, conferences, workshops on various issues related to education, skill development, entrepreneurship, women empowerment, etc. Recommendations emerging from these deliberations are widely circulated to relevant stakeholders and pursued. CEGR, through its various sub committees regularly comes out with reports and publications for the benefit of society which are widely accepted as authentic reference for research.

Shri . Milindji Kukade, Chairman, Maharshi Karve Stree Shikshan Samstha, Nagpur Prkalpa expressed his happiness and congratulated Dr. BP Joshi on getting elected on Maharashtra council of CEGR.

### Cummins College conducts Workshop on “IoT applications using Raspberry pi” (17.06.2019 to 21.06.2019)

Every semester Cummins College organizes job oriented hard skills training program for its students. Electronics and Telecommunication department conducted five days workshop entitled “Python Programming & IoT applications using Raspberry Pi” from 17th June to 21st June 2019. 35 students attended the workshop and they were taught the basics of Python programming language, GUI designing using tkinter library of Python & IoT applications. During this workshop students learnt the basic protocols needed to develop an IoT application. On the last day of workshop all the students designed IoT based applications using IoT protocols & Python programming. Students were provided python programming training for 2 days and hands-on practice for about 3 days. Five days workshop was designed and conducted by Prof. Abhishek Baseshankar and Prof. Rucha Khandalkar. During the valedictory function, Er. Ajay Sawatkar, Retired SGM (Mobile BSNL), Shri. Milind Kukade, Chairman MKSSS, Nagpur prakalp, Dr. B. P. Joshi, Principal Cummins college of Engineering for Women, Nagpur and Prof. A. U. Tinguria, HOD ETC Dept. were present and they shared their valuable thoughts with students. Ms. Minjee Mujumdar hosted the valedictory program and Ms. Garima Singh proposed the vote of thanks.



### Curriculum Development program for Applied Physics at Cummins College, Nagpur (18.06.2019)

Cummins college of engineering for Women in association with RTMNU conducted one day work shop on curriculum development for the subject “Applied Physics” on 18<sup>th</sup> June 2019. Dr G S Khadekar, Dean Faculty of science and technology was the chief guest for the inaugural function. Shri. Milind Kukade , Chairman of MKSSS Nagpur Prakalpa, Principal Dr. B P joshi, Dr. Leena Gahane & Dr. Mohan Giriya, BOS member were also present for the program. Dr. G S Khadekar gave some inputs about the scheme to be followed and the topics to be included in the syllabus so that it should be



aligned with the new curriculum specified by AICTE. Dr. B P Joshi, Principal Cummins college appreciated the presence of faculties in large number and expressed that the syllabus will be designed in this workshop to suit futuristic need of engineers to industry. Total 30 faculties from various engineering colleges participated in the workshop. Dr. Leena Gahane, Member BOS conducted the proceedings of the workshop. All participants took part in the discussion for finalization of syllabus for both semesters and the program ended with vote of thanks by Dr. Nilesh Ugemuge. Dr. Sanjivani Shastri, Head Department of Allied Science of Cummins College of Engineering for women coordinated the event.

### 5th International Yoga Day Celebration in Cummins College of Engineering for Women, Nagpur (21.06.2019)



Maharshi Karve Stree Shikshan Samstha's Cummins college of Engineering for Women, Nagpur celebrated 5<sup>th</sup> International Yoga Day on 21<sup>st</sup> June, 2019. This international yoga day was held with immense enthusiasm under the guidance of Chairman MKSSS Nagpur Prkalp Shri. Milindji Kukade and Principal Dr. Bharatbhushan Joshi. This day was celebrated like Yog workshop by Ms. Sushama Chaudhari,

Patanjali Yog Samiti, Nagpur, which she highlighted on the importance of Yoga in daily life.

All the students, teachers and non-teaching staff actively participated for the 5<sup>th</sup> International Yoga day. More than 150 students and staff participated in workshop by doing some yoga-asana, pranayam and mudra's. Ms. Sushama Chaudhari and some students of Cummins college of Engineering demonstrate yoga-asana's like Suryanamaskar, Tadasan, Chakrasan, Vrukshasan, pranayam's like Kapalbhati, anulom-vilom and mudra's like dhyanmudra, shantimudra etc.



She appealed to students and faculties that in order to stay healthy and fresh throughout the day they should perform the yoga on regular basis.

Dr. Shailesh Khekale, Prof. Sushil Lanjewar and team of students led by Ms. Rudrani and Ms. Gunjan, took all out efforts to teach all participants Yoga lessons for previous five days and make them perform today on the occasion of IY Day. .

### Cummins CoE students shine in RTMNU Results (01.07.2019)

Maharshi Karve Stree Shikshan Samstha's (MKSSS) Cummins College of Engineering for Women, Nagpur students achieved great success in university results of B.E. Second Semester, Summer 2019 Examination. The college has maintained its excellent records of second semester result in University and college ranks in top 3 positions with 80% result. It is noteworthy that two students, Ms. Rasika Bakre & Ms. Mrunamayee



Deshpande scored 10 pointers; whereas 15% students are above 9 pointers and more than 60% students scored marks above 8 pointers. Students give credit of their success to the faculties, management for providing better amenities and to Principal of the institute who brings in innovations in pedagogy and provides conducive environment for learning. The institute is feeling genuinely delighted with such a good results. The institute employed ABL (Activity Based Learning) strategy; games for concentration improvement and also improved internal examination pattern which is found to be helpful in relieving exam related stress in students. Shri. Milind Kukade, Chairman, MKSSS Nagpur Prakalp and Dr. Bhushan Joshi, Principal, Cummins CoE, congratulated students and faculty for their achievements.



## Anannya 2k19

**Flash Mob: Date:16 Jan 2019**

**Place :PhutalaLake,Telenkhedi**

**Time : 6.30 to 7.30 pm Teacher coordinator : S Waghmare**



## Anannya Inauguration

**Date : 28 Jan 2019**

**Place : Seminar Hall**

**Time : 10 Am**



## Tectonic

**Name of event: TechWizard**

**Date-** 28/1/19

**Time-** 10.30 am to 1 pm

**Theme:** Technical event ,a pttitude test and coding competition

**Place-** CC lab

**Teacher coordinators-** Sakshi Khamankar

**Student coordinators-** Ritu kotalwar, Snehal Mundada

**Judges** -Prof. Prateek Hepat and Prof. Shailesh Sahu

**Total participants:** 25

**Prizes:** 2 prizes given (1<sup>st</sup> :- Mrunal Kakiwar 2<sup>nd</sup> :- Ketaki Patil )



**Name of event: Power Point Presentation ( First year and Second Year)**

**Date-** 28/1/19

**Time-** 10.30am

**Theme:** 'PHOTONICS'

**Place-** Seminar Hall

**Teacher coordinators-** Prof. S. Bompilwar

**Student coordinators-** Niharika Saraf and Nidhi

**Judges-** Prof. Asha Gedam and Prof. V Dandekar

**Total participants:** 4 groups

**Prizes:** 1<sup>st</sup> :Niharika Saraf and Nidhi (Rs. 750/-)

2<sup>nd</sup> :Apurva Sonule and Ankita Shewale ( Rs. 500/-)

**Name of event: FETE**

**Date-** 28/01/2019

**Time-** 11-2.30pm

**Place-** College Lawn

**Teacher coordinators-** PravinKhawse

**Student coordinators-** Kirti More, PoorvaHedaoo

**Judges-** S J Deote , S Uttarwar

**Total participants:** 07



**Name of event:** Ideation

**Date-** 28/01/2019

**Time-** 2 to3 pm

**Theme:** Technical Idea Presentation

**Place-** Board Room

**Teacher coordinators-** PrasannaMahankar

**Student coordinators-** Ms. VedantiManjule,

Ms. Maithili Warkhedkar

**Judges-**Mrs. Anita Rao, Mr. Krishnanand Shirpurkar

**Total participants:**8

**Prizes:** 1<sup>st</sup> Rs.750 :Koena Dutta

2<sup>nd</sup> Rs. 500 :Snigdha Madhav



**Blood Donation**



### Validictory Function of Tectonic

Chief Guest : Er. DikshaKhare and Er.Manish Maurya.

Date: 28/1/2019 Time : 3pm Place: Seminar Hall



**Inauguration: 10am Place: Ground Date: 29/1/2019**





**Name of event: Carrom**

**Date- 29/1/19**

**Time- 11.30pm to 12.30**

**Theme:**

**Place- Sports Room**

**Teacher coordinators- Prof. A. Borkar, Prof. S. Kitey**

**Student coordinators- Ms. DnyandaAkarte**

**Judges- Prof. S. Kitey, Ms. DnyandaAkarte**

**Total participants: 35**

**Prizes: First:-Ms.VibhaviVerma Second:- Ms. YogitaChanne**

**Photographs**



**Name of event: Intercollegiate Chess tournament**

**Date- 28/1/19**

**Time- 1.30 pm**

**Theme: --**

**Place- Sports room Cummins College of Engineering for Women**

**Teacher coordinators- Prof. Jaya Raut and Prof. PallaviTanksale**

**Student coordinators- VedantiManjule**

**Judges- VedantiManjule**

**Total participants: 18**

**Prizes: 1st prize -PoojaBargat**

**2nd prize - SwarnimaKahate**

**VedantiManjule**

**Name of event: Cricket (Students)**

**Date-** 29/1/2019

**Time-** 10:30am

**Theme:**

**Place-** Cricket ground

**Teacher coordinators-** Mr. Manish Raut

Mr. PankajDolas

**Student coordinators-** Ms. Maithili Warkhedkar

Ms. ChenaliKatre

**Umpires-**Manminder and Rakesh Kumar

**Total participants:**22 (MKSSS's Cummins and Nursing college)

**Prizes:** Winner(Cummins College), Best Bowler(Ms. ChenaliKatre,Cummins), Best Batsman(Ms.Payal,Nursing), Best Fielder(Ms. SimranBaghel,Nursing), Woman of the match(Ms. ChenaliKatre,Cummins)



**Volley Ball**



**Table Tennis**





### Valedictory Function of Sportacus

**Date : 29/1/19      Time : 5 pm      Place : Ground**



[Stage events](#)

**Scholarship Distribution program**

**Date:** 30 Jan 19 **Time** 10.30 Am **Place :** Stage

**Chief Guest :** Shripad Aparajit, Senior Editor, Maharashtra Times

**Guest of Honor:**Shri Arun Kumar, GM Corporate responsibility ,CIL

**Special invitee:** Mr. Umesh Shrivastva, COO of Karve Sales and Services, CIL, Nagpur.

**Following students awarded scholarship:**

Sr No	Name of student
1	AMRUTA SANJAY JOSHI
2	ANGEL YESANNA SILKA
3	APEKSHA DILIP DHANASKAR
4	BHAGYASHREE KISHOR GAIKWAD
5	CHAITALI SATISH JERPOTWAR
6	GAYATRI PRABHAKAR SUPATKAR
7	JAGRUTI SUBHASH PANCHAM
8	MRUNMAYEE GIRISH DESHPANDE
9	NIKITA VILAS AMBEKAR
10	TEJASWINI MANIKRAO JUNGHARE



**Name of event: Solo Singing**

**Date-** 30/1/19

**Time-** 1 to 2.45

**Theme:** -

**Place-** Cummins College of engg. For women, Nagpur

**Teacher coordinators-** 1) Prof. Rashmi Deshpande

2) Dr. Shailesh Khekale

3) Prof. Suruchi Kitey

**Student coordinators-** 1) Aditi Holkar

2) Meenakshi Kharwade

**Judges-** 1) Mr. Amar Kulkarni

**Total participants:** 28

**Prizes:** 1<sup>st</sup>- Darshani Manusmare -1200 Rs

2<sup>nd</sup>- Vaishnavi Sambre- 650 Rs

Swapnil Pimple- 650 Rs

3<sup>rd</sup>- Vaishnavi Mohril- 450 Rs



**Group singing**



**Triplet Dance**



### **Battle of Bands**



**Life camera action:** Name of event: Life Camera Action (Mono Act)

**Date-** 31/02/2019

**Time-** 12.30 pm to 2.00 pm

**Theme:** Paranormal, Identity and Najariya

**Place-** On stage

**Teacher coordinators-** Prof. VikramDandekar, Prof. ShaileshSahu, Mr. PravinSelukar

**Student coordinators-** Ms. Krutika Ade, Ms. SayaliDahake

**Judges-** SwapnilBohate,VirendraGanvir

**Total participants:** 13

**Prizes :** 1)Juhilukey (500 Rs.)

2)Shreyasatkar\_(300 Rs.)

### **Group Dance**

**Name of event:**Tango Legs( Group Dance)

**Date-** 31 /01/2019

**Time-** 2.15 pm to 4.15pm

**Theme:** Infinity Eternal

**Place-** Cummins Engineering College campus

**Teacher coordinators-** prof.VidyaRaut , prof.S.Bhattacharya

**Student coordinators-** JanhaviDande , Shafaq Khan

**Judges-** Mr. MilindZodape , Mr.VinayDubey

**Total participants:**10 groups (6-15 members )

**Prizes:** 1st prize – 6<sup>th</sup> group Nursing (₹500),

7<sup>th</sup>group Nursing(₹500)

2<sup>nd</sup> prize- 4<sup>th</sup> group Nursing(₹700)



**Name of event:** Rip The Runway (Fashion Show)

**Date-** 31<sup>st</sup> January 2019

**Time-** 4:30pm To 8:30pm

**Theme:** Classical, Masquerade, Bohemnia

**Place-** CCEW,Nagpur (Dome)

**Teacher coordinators-** Prof. Jaya Raut, Prof. PallaviTanksale, Prof. Pratik Hapat

**Student coordinators-** Ms.NikitaNikumb, Ms.MinjiMajumdar

**Judges-** Mr.ShreyasSawarkar(MrVidharbha 2015)

**Total participants:** 9 Group(each group contain 11 participants)

**Prizes:** 1<sup>st</sup> Prize ( cummins college )5000/-, 2<sup>nd</sup> Prize( cummins college ) 3000/-



**Name of event: Jashn e Nukkad**

**Date- 1/2/19**

**Time- 2 to 4 pm**

**Theme: Najariya, Identity, Paranormal**

**Place- Main Stage**

**Teacher coordinators- PrasannaMahankar, Pratik Hapat**

**Student coordinators- ShreeyaDabir, PriyankaPatil**

**Judges-Shree. VinayModak**

**Total participants:4**

**Prizes: 2**



**Mr and Miss college**



**Convocation**

**Date: 2/2/19      Time : 10 am      Place: Dome**

**Total particpants : 54**

**ChiefGuest: Mr Atul Pande,VIA president**



**Duet dance:**

Name of the Event: B"Dazzled (Duet Dance)  
Date: 02/02/2019  
Time: 2: 00-3: 30  
Theme: Infinity Eternal  
Place: (Onstage) cummins college, Nagpur  
Teacher Coordinator: Prof. SnehaUttarwar  
Prof. SandhyaWaghmare  
Student coordinator: PallaviBinzade  
Bhagyashrilokhande  
Judges: Priyanka mam  
Rajiv sir  
Total participants: 18  
Prizes: 1st -Rs 1000  
2nd- Rs 700



**Faculty performance**

**Date:** 2/2/19

**Place:** Dome

**Number of performances :** 6







### Validictory Program

**Date: 2/2/19 Time : 5 pm Place :Dome**

**Chief Guest: MrSampathkumar , CO-DRAL**

