The performance of the institution in the areas distinctive to its priority and thrust

1. **Matrusri Campus Connect(MCC):**

    MatrusriEngineering College strongly believes that students' comprehensive development is through the academic learning programs blended with various extracurricular activities. It further opines that these activities are a great way to demonstrate the interests and talents of the students. Effectuating this task, the college has started MCC, working with the motto of bridging the gap between the teachers and the students and among the students of different streams promoting communication and coordination skills. This organization spurs up the social intelligence and responsibilities by conducting various philanthropic, social and ethnic activities. The vivid participation of the students help them to develop their leadership skills, commitment towards the society and multicultural competence.

    MCC conducts different activities which includes symbiotic, traditional and social forms. Some of which are like:

- Orientation Day for first year students
- Independence Day
- Cleanliness,
- Green environment & tree plantation,
- Gender sensitization,
- Traffic rule awareness,
- Ganesh Nimarjan
- Janmashtami celebrations

Organizing these activities on the campus has made the students proactive, boosted up their confidence, enriched creativity and sensitized them towards social causes.

Students enthusiastically participating in Ganesh Nimarjan

Faculty and students enjoying during Janmashtami celebrations on the campus

Flag hoisting on Independence Day   Green Day was also celebrated by planting tree saplings in association with Computer Society of India (CSI)

Students and the staff have participated in Traffic Awareness campaign organized by Hyderabad Traffic Police at Satya Sai Nigamagamam, Srinagar colony

Vivekananda Institute of Human Excellence: Vivekananda Yuva Kendra (VYK), a branch of Vivekananda Institute of Human Excellence was inaugurated on February 22, 2016 at Matrusri Engineering College. The chief guest for the program was Sri Swami BhodhamayanandaJi, Director VIHE, R K Math, Hyderabad. The main aim of establishing VYK was to instill faith among the students and impart noble values of life raising them to higher levels of maturity with spiritual, moral, and eternal values of personality development and human excellence. Many seminars, guest lectures by eminent personalities, FDPs and celebrations such as Gurupurnima, National Youth Day, etc were also organized by VYK in this endeavour.

Youth for seva:

Rally for Rivers**:**Students of MEC participated in a program called, "Rally for Rivers", a comprehensive solution to save Indian rivers and to raise awareness about the existing environmental issues in India..

Street Cause**:** It is a Non Government Oraganization. As a part of this, an event,"Run for a Cause Series", was conducted educating the students of government schools on hygiene and making the students aware of the importance of education.

e-Yantra

Matrusri Engineering College has established Robotics Lab under E-Yantra Lab with the help of e-Yantra lab Setup Initiative (eLSI), MHRD IIT Bombay on **3rd Jan 2020**. It is an initiative to upskill the students in Embedded Systems and Robotics with an adequate guidance and support by the faculty. This program is sponsored by Ministry of Human Resource Development through the National Mission on Education through ICT (NMEICT).

The motive of engaging with e-Yantra is to empower the students with innovative and entrepreneurial skills. The other objectives are to
1. Enable resource of open source projects and tutorials and enhance the quality of final year projects in Embedded Systems and Robotics.
2. Provide a platform for innovative ideas in projects through e-Yantra laboratory.
3. Attract local industries for internships and placements.
4. Provide platform to design, develop, program and test of robots to various applications.
5. Encourage to use robots to solve real life problems.

Both faculty and student development programs were conducted which have upgraded the knowledge in Robotics as well as embedded systems which will help them in innovating new designs.

Inauguration of e-Yantra Laboratory by MECS Chairman Dr. K.P. Srinivasa Rao, Principal
Dr. D. Hanumantha Rao

A two-day e-Yantra workshop on "Introduction to Robotics" was conducted by e-Yantra, IIT Bombay on 28th -29th Feb 2020 at Matrusri Engineering College.

Sathyardhaan

Matrusri engineering college has started a social organization called **SATHYARDHAAN** which literally **means helping hand to the needy.** The impulsion of this organization is to pacify the human suffering and all- round amelioration of society especially , the poor , the helpless and the weaker sections involving the students making them aware of their social responsibility towards the society.

It adheres to a policy of striving for the betterment of the society by providing scope for poor children's education,educating people about environment, providing health assistance, sensitizing the students towards gender issues and access to medical health.

A proactive and ardent committee is formed to monitor the activities and the college takes pride in announcing that there are around four hundred members of this organization. A card is issued to the members and daily one rupee is donated by the members which is utilized for different welfare activities.

Implementing the purpose of the organization, an amount of Rs.50,000/- was collected and donated toa four year old cancer kid who was undergoing treatment at "Basavatarakam Indo American Cancer Hospital" on 16 February 2019.

Few volunteers along with the faculty went tothe government blind school located at Malakpet on 26 January 2019. The team distributed the food supplies and general items to the students and chairs to the school. The team also encouraged **SAY NO TO PLASTIC USE** in the program. Associating the students to such welfare programs aroused the feelings of self satisfaction for both the students and the committee.

Distribution of the food supplies and general items to the students and chairs to government blind school located at Malakpet

Donated an amount Rs.50,000/- towards treatment of 4year old cancer child as a part of the event, "CAN SUPPORT…..GIVE HOPE"

CISCO Networking Academy

Matrusri Engineering College is keen on nurturing its students technically and transforming them into innovators and young entrepreneurs. Prospectively it got associated with CISCO in 2016, to empower students with problem-solving skills, transformative and emerging technologies. CISCO globally started collaborating with the best Engineering colleges and Matrusri CISCO Academy is an offshoot of CISCO's pursuit of knowledge-seeking partners.

The academy accords in-depth training to upgrade the students on par with international standards. Students are prepared to meet the challenging technical demands and assisted for both employability and create employability. It is committed to continue the legacy of quality, inspiration and widen the horizons of thinking.

The training courses offered are

1. IT Essentials
2. CCNA
3. Cyber Security Essentials.

Under this program 461 students from II, III & IV years of our college have been qualified and received certificates from CISCO NETWORK ACADEMY during the Academic year 2018-2019.

Expert Level Instructor

This award is presented to

JULURI SAMATHA

in recognition of expert level instructor excellence and outstanding contributions to Cisco Networking Academy.

CISCO Networking Academy

Award date: 2018

Omar Shaban
Director of Global Operation
Cisco Networking Academy

MECS onEdu Portal by Winnou

Matrusri Engineering College being a premier academic institution in the twin cities consistently endeavors for excellence in technical education, research and technological service to the nation. The college has set its own standards by formulating diversified perspectives both in academics and administration to reach excellence and perfection of the curriculum. In this regard, the college has set up Winnou, an Edu portal to superviseevery detail of both the students and the facultyrelated to admission, attendance, sessional and final marks, faculty-wise feedback and class-wise feedback.

The other functions of this unit involve sending automated daily attendance alerts (SMS) to parents, generating parent communication letters with attendance and sessional marks and sending generalized SMS (Holidays etc.) to parents and students.
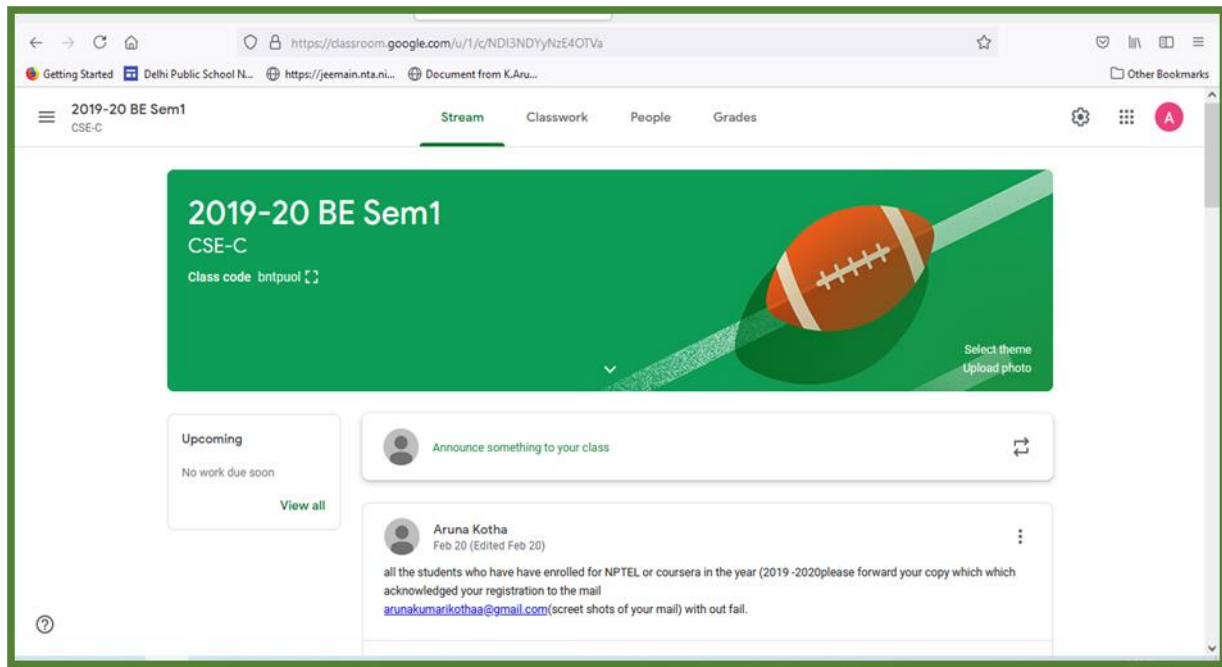
The unit is regularly monitored by the in-charge, the HODs of the departments and the principal. Consequently,the college is always acquainted with the whereabouts of the students properly disciplining them.
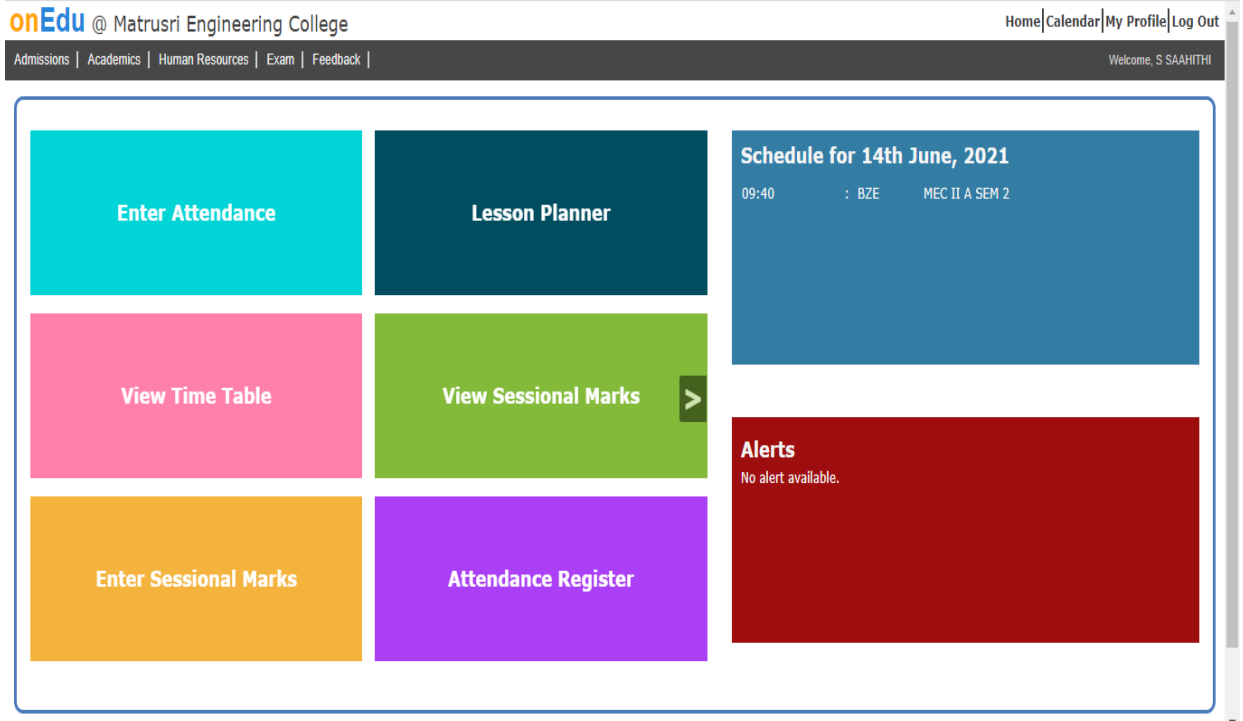
Winnou platform used by Matrusri Engineering College
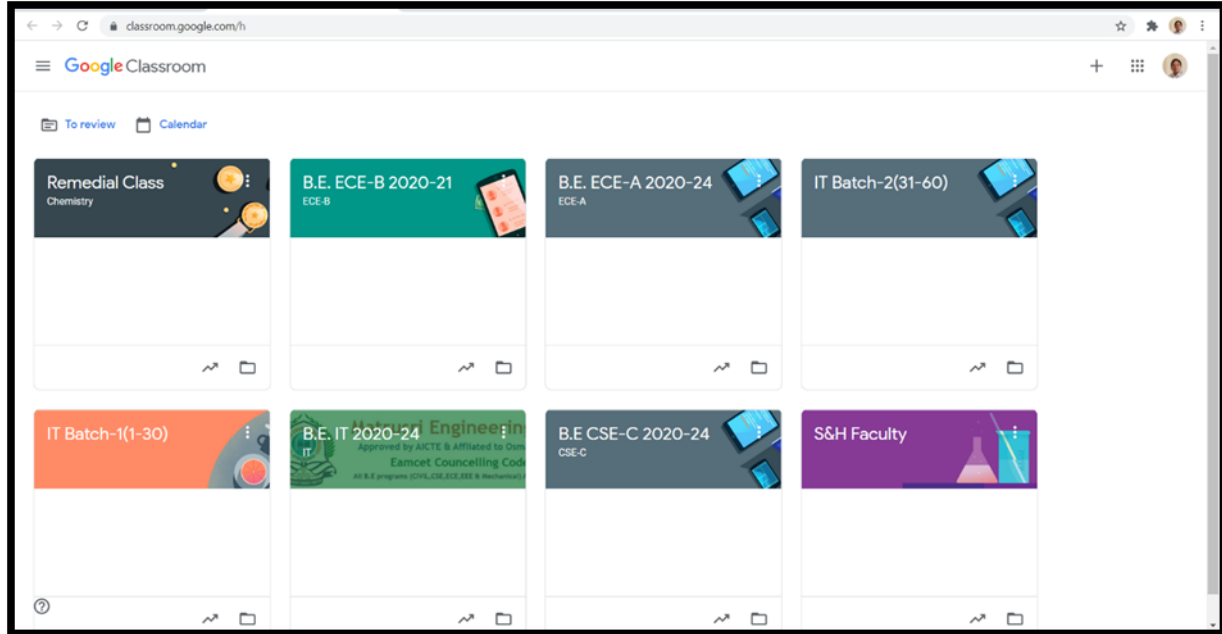
Google Class Rooms

Google Class Room

CodeTantra:

Pursuing the mission of preparing the students for life-long learning to meet intellectual and career challenges, Matrusri Engineering College is associated with CodeTantra from the academic year 2018-19 to till date.

Code Tantra is a government of India recognized startup which provides interactive platform for Virtual University, Online Classes, Assessments, Proctored Exams, Assignments, Auto-grading, Plagiarism Checks, Learn Anywhere, Learn Coding- all in one platform

	Member Id ↑↓	Name ↑↓	Email ↑↓	Groups ↑↓	C++ Course - Lesson Plan (%) ↑↓	Java Course - Lesson Plan - Old Version (%) ↑↓	C Programming - Lesson Plan (%) ↑↓	Python Programming - Lesson Plan (2017-21 - 3rd year - 1st sem - CSE) (%)
1	160817733050	A PRANEETH KUMAR	praneeth5kspvs@gmail.com	2017-2021-CSE-A	0 (Not Started)	0 (Not Started)	0 (Not Started)	0 (Not Started)
2	160817733310	a.harika harika	athinarapuharika@gmail.com	2017-2021-CSE-A	00.00	00.00	07.25	01.16
3	160817733054	Adnan shareef	adnan.shareef40@gmail.com	2017-2021-CSE-A	0 (Not Started)	00.00	00.00	0 (Not Started)
4	160817733015	Akhila solipuram	akhilasolipuram7@gmail.com	2017-2021-CSE-A	0 (Not Started)	00.00	0 (Not Started)	04.64
5	160817733037	Akshay Maddela	akshaymaddela6@gmail.com	2017-2021-CSE-A	00.00	00.21	48.62	14.89

Details of some students who are trained with C/C++ Programming, Python, JAVA courses

About Online Training using Codetantra Platform:

The CodeTantra is about learning and assessment-based platform for the students. The students are trained with C/C++ Programming, Python, Data structures, JAVA courses. The features of the platform include curriculum management, controllable at individual level, rich online course authoring & design with support for rich media, animations, etc. auto- evaluated question types include computer programming in multiple languages, variants of

From the time of its association with Codetantra, all the students in the 2018-19 AY, II, III,IV year students in 2019-20 AY and III,IV year students in 2020-21 AY are trained in different platforms like C,C++,JAVA. This training has helped the students to bag the placements in reputed companies.

Free Book Bank: Free books are provided for under privileged students, specially for SC&ST students (the recipients of scholarships from Telangana govt) to support them in having uninterrupted learning, in turn contending as a service to the society by providing scope for poor students' education.

Coursera

The outbreak of covind-19 has affected education in India a lot. Traditional teaching has been replaced by online education. Matrusri Engineering College promptly accepted the inevitable change in the education system and marched ahead administering newfangled methodology to educate its students. Taking forward this colossal task, it has conjoined with Coursera, a platform launched as a global effort to assist colleges and universities to deliver courseware online.

From April till now, five hundred and eighty-eight students including the faculty have enrolled and earned their certificates and also taken part in guided projects, an update in Coursera. Progressing swiftly, the college has signed an MOU with Coursera and procured 300 Licenses for the second and thirdyear students to continue their learning through Coursera.

Accelerating to further level, the college takes pride in sharing that it has procured additionally four Campus Licenses from Coursera for the students & Faculty for the A.Y 2020-2021 to continue their learning through Coursera.

Functioning with Coursera is a rich exposure to the new Industryand academia standards, which will soon be the new way of living and working in postCovid scenario.

SPOKEN TUTORIALS

Remote Learning Through IIT, Bombay

Technology and connectivity of people is the only way to equip the students to combat with future. Implanting the ability to adapt and self-learn all the time to the students has become a prerequisite in the present cut throat competitive world. Self-learning, highly a personal process reinforces the education imparted by the institution. Facilitating the self-learning process of its students, Matrusri Engineering College is associated with a Knowledge Partner Spoken–Tutorial, IIT Bombay which strongly aims atspreading IT literacy all over India.

The Spoken Tutorial Project is about teaching and learning a particular FOSS (Freeand Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java,C/C++, Libre Office etc. via an easy Video tool - Spoken Tutorials Google awardwinning MOOC.

Under this program 573 students from II, III & IV years of our college havequalified and received certificates from IIT Bombay during the academic year2019-2020.

Participants List **Dashboard**

Institution Name
Matrusri Engineering College, Telangana
Foss
PHP and MySQL
Date

Oct. 3, 2019
Participants Count
50
Organiser
samathajuluri
Dept.
Computer Science Department (B.Tech)
Batch Year
2017

#	First Name	Last Name	Email Id	Score
1	VANGAVETI	RAMYA VANI	ramyavanivangaveti888@gmail.com	63.9% - Certificate
2	A	VASANTHA SAI	aithavasanthsai@gmail.com	73.6% - Certificate
3	KODITALA	VIKRANTH	vikranth1003@gmail.com	51.4% - Certificate
4	TUMMALA	SRI RANGA SAI KRISHNA	tummalasri30@gmail.com	58.3% - Certificate
5	PABBA	SATHVIKA SAI	pabbasathvika3@gmail.com	65.3% - Certificate
6	SAIDEEP	REDDY	saideepreddy872@gmail.com	59.7% - Certificate
7	CHALLAPALLY	SAI NAGA SREEDHAR	sainagasreedhar4@gmail.com	72.2% - Certificate
8	VANJAMURA	SAI KRISHNA	vinjamuri.saikrishna011@gmail.com	62.5% - Certificate
9	DIDDI	SUSREEJA	diddisusreeja15@gmail.com	44.4% - Certificate
10	T	AVINASH	avinashreddy721@gmail.com	59.7% - Certificate

Felicitation to University Rankers

The Chairman along with the members and Principal with the first rank holder of 2020 batch, Surya Datta Sudhakar, with his parents

Osmania University Rank holders of 2020 batch