



Dr. D. Y. PATIL
EDUCATIONAL FEDERATION
Varale Campus

e - bulletin

Volume - 2

Edition - 4

April - 2022



Dr. D. Y. Patil College of Engineering and Innovation

Address:

SR. No. 27/A/1/2c, Near Eco City,

Talegaon, Varale, Pune - 410507,

Maharashtra, India

www.dypcoei.edu.in

Contacts:

020 48522562, 8799925769, 7972165097,
8669704710

Editorial Committee:

Dr. Suresh Mali
Principal,

Dr. Alpana Adsul,

Head, Department of Computer Engg.

Prof. Dipannita Mondal,

Head, Department of FE

Prof. Rushikesh Londhe,

Asst. Professor, Department of FE

Chaitanya Umesh Rasane,

FE Div - C .

Content.....

Page-1

Dr. D.Y.P. COEI Signed MoU with SkillEdge
4.0 Edu tech Pvt. Ltd.

Page-2&3

Industrial Visit : At Faurecia Emission
Control Technologies

Page-4

जिवा महाला
Sidhhu Jadhav

Page-5

Whale Sing a Song
Palak Purohit (FE Div-C)

Page-6

Mthali Raj
Shradha Gorade (FE Div-C)

Page-7

THE DAY IS GETTING LARGER!!
Sharvary Raut (FE Div-C)

Page-8

AK-203
Pranav Jadhav (FE Div-B)

Page-9

Art Corner

Page-10

Quote of Month

Greetings from Training and Placement Cell, Dr. D. Y. Patil College of Engineering and Innovation, Varale Pune

Happy to announce that Dr. D. Y. Patil College of Engineering and Innovation have signed Memorandum of Understanding (MoU) with SkillEdge 4.0 EduTech Pvt. Ltd., Pune.

SkillEdge 4.0 EduTech Pvt. Ltd. is engaged in Business, Manufacturing, Skill Development, Education and R&D Services in the field of imparting skills to the graduates to make them job-ready, and related fields.

This MoU will help us to boost up the activities like Skill Development Programs, Entrepreneurship skills, Internships and Placement Support to students, FDPs, Guest Lectures, R&D, Industrial Training , etc.

Regards,
Training and Placement Cell,
Dr. D. Y. Patil College of Engineering and Innovation, Varale, Pune



Dr. D.Y.Patil College of Engineering and Innovation,Varale signs MoU with SkillEdge 4.0 Edu Tech pvt. Ltd.

Industrial Visit

At Faurecia Emission Control Technologies

On receiving the letter of permission from Faurecia Emission Control Technologies, Chakan. Students with faculties (Mr. Rushikesh.L, Mr. Satish.A, Mr. Akshay.B and Miss.Sherin .K, Miss. Supriya .R went on an industrial visit.

Visit to the industry on 29-04-2022. The Faculties all assembled at the college at 8 a.m. and left the college in a Bus and reached the factory at 10 o'clock. An engineer-in-charge of production received the students at the entrance and gave a brief introduction of the factory and instructions about the safety rules and regulations in the conference hall . The Students & Faculties were given masks to be worn ,safety goggles and safety shoes. Then he took us around from one section to the next and explained the process involved in the making of exhaust system. The workers were doing the work concentrated. Everyone was wearing masks and all the safety equipment. He showed how oxygen would be supplied in case of any toxic leak ,fire emergency etc. A few robots are also employed to do certain repetitive minor operations. The visit came to an end at 3.00p.m.

The Faculties left the premises at 3.30p.m. It was an informative, interesting and a successful visit. As students of computer Engineering(First year). Students learned a few Mechanical applications and about industrial robotics. We express our thanks to Dr. Suresh N. Mali,Principal ,DYPCOEI and Prof. Dipannita Mondal , Head of First Year Engineering who permitted us to go on the visit, the faculty members who accompanied us and the officials who explained the various departments.



First Year Engineering Students with Business Unit Head of Faurecia Emission Control Tecnologies



FE Students with the Faculty Members at Faurecia Emission Control Technologies



Preparation for moving towards Industrial visit



Gathering at Faurecia Emission Control Technologies



At Faurecia Emission Control Technologies With Faculty Co-ordinator



Meeting at industry



Interaction with Company Staff



FE students with the Faculty Members at Faurecia Emission Control Technologies



जिवा

महाला

सिद्धू जाधव
(कार्यशाळा प्रशिक्षक)

"होता जिवा म्हणून वाचला शिवा."

पारतंत्र्याचा अंधकार दूर करून 400 वर्षापूर्वी लाखों मावळ यांच्या त्यागातून, पराक्रमातून आणि बलिदानातून रयतेचं स्वराज्य उभं राहिलं. स्वराज्यासाठी छत्रपती शिवरायांसोबत जे काही वीर मावळे आपल्या अरवटच्या श्वासापर्यंत लढले, त्यापैकीच स्वराज्याचे अनमोल रत्न म्हणजे जिवा महाला. वीर जिवाचा जन्म प्रतापगडच्या पायथ्याशी मु.पो. कॉडवली जि. सातारा येथील साकपाळ कुटुंबात झाला. आई-वडिलांच्या निधनानंतर जिवा आणि त्यांच्या भावंडांचा सांभाळ देव महाला या आप्ताने केल्यामुळे त्यांचे आडनाव महाला असे पडले, बालपणापासूनच जिवा हा साता-याच्या तालमीतला, लाल मातीत मेहनत करणारा तयार होऊ लागला. जोर, बैठका, तलवारबाजी, दांडपट्टा बालबजे याच शिक्षण त्याला मिळाले. जिवा दांडपट्टा तर असा फटिवायचा की पायाच्या टाचेखाली ठेवलेल्या लिंबाचे तो डोळ्याचे पाते लवते न लवते तोवर दोन तुकडे करायचा. उंच उड्या मारण व्यात तर तो निष्णात होता. उडी मारल्यावर हवेतच शत्रूच्या शरीराचे दोन तुकडे करत असे. तरणाबांड, मान जाड पिळदार मिशा, सरळ नाक, भले मोठे कपाळ आणि तीक्ष्ण व मेदक नजरेचा जिवा पाहताच शत्रूलाही कापटे भरायचे.

॥ जगदंब ॥

WHALE SING A SONG

Palak Purohit
FE Div C



Whale songs can be used to map out the ocean floor.
fin whale

Fin whales are basically the Barry White of the ocean. The deep, bellowing songs that males use to attract mates are considered to be the loudest of all marine life and can be "heard up to 1,000 kilometers (600 miles) away," according to Scientific American. They can also be used to sonically map out the ocean floor thanks to the fact that the sound can reach depths of 2.5 kilometers (1.6 miles) under the water, which bounces back and provides researchers with accurate measurements. Beyond that, a 2021 study in Science showed how using a fin whale's song can be far more useful and have less of a negative impact on sea life than using a large air gun, which is the typical tool researchers rely on.

Mithali Raj

20000 CAREER RUNS....

Shradha Gorade
(FE Div-C)

Mithali Dorai Raj ('Born 3 December 1982') is an Indian cricketer and the test and ODI captain of India women's national cricket team. she is a right handed support middle-order batter and occasional right arm leg break bowler. Raj is the highest run scorer in women's international cricket and she is considered to be one of the greatest female cricketers ever.

She holds numerous records in international cricket. She is the only female cricketer to surpass the 7000 run mark in women's one day International matches. She is the first player to score even consecutive 50s in ODIs. Raj also holds the record for most half-centuries in WODIs. In June 2018 during the 2018 Women's Twenty20 Asia Cup, she became the first player from India (either male or female) to score 2000 runs in T20is, and also became the first woman cricketer to reach 2000 WT20I runs.

In 2005, she became the captain of the side. Raj is the only player (female) to have captained India in more than ICC ODI World Cup final, doing so twice in 2005 and 2017. On 1 February 2019, during India's series against New Zealand Women, Raj became the first woman to play in 200 ODI matches. In September 2019, she announced her retirement from T20is to focus on ODI cricket. In 2019 she became the first woman to complete 20 years in international cricket.

She is the recipient of several national and international awards, including the Wisden Leading Woman Cricketer in the world in 2017, Arjuna Award in 2003, the Padma Shri in 2015, and Major Dhyan Chand Khel Ratna in 2021, All by the Government of India.

In July 2021, in the third WODI match against England, Raj became the leading run-scorer in Women's international cricket. She went past Charlotte Edwards' previous record of 10,273 runs. Raj was appointed as the batting consultant for India Women's National cricket team and had played as a player-coach.



Mithali Raj Indian cricketer



Mithali Raj receiving Padma Shri award
From Ex President Pranab Mukherjee

THE DAY IS GETTING LARGER!!



Do you wish you could have an extra hour in the day? Well, if you can wait a very long time, you'll get it.

That's because the length of the day is increasing, and has been for the last billion-plus years. Scientists recently studied a large Cretaceous mollusk with unprecedented precision. Mollusk shells grow like tree rings, adding a little bit each day.

The researchers used lasers to drill tiny holes in the shell, each the size of a red blood cell—like microscopic core samples. From these they could examine the shell's growth not just by the day, but by the hour.

They found that 80 million years ago, when this animal was alive, each day was half an hour shorter than today. Going back further, to 600-million-year-old tidal sediments in Australia, they determined the day was then 22 hours long. And 1.4-billion-year-old rocks in China suggested a 19-hour day. All this indicates that Earth was once spinning faster than today. What's going on?

Well, you can blame it on the moon. The moon's gravity causes Earth's tides, which pull on and bulge out the surface of the oceans. Like when a spinning skater decelerates by extending her arms, the expanding and contracting seas are slowly decelerating Earth's rotation. But don't worry, it's happening very slowly—just 1.8 milliseconds per century. Meaning it will be 200 million years before you get that extra hour.

AK-203

Pranav Jadhav
FE Div : B



Indian Army's long wait for most modern assault rifle ends.

The Defence Ministry signed a contract with the Indo-Russian Rifles Pvt. Ltd. a Joint Venture between India and Russia for the indigenous production of 6.01 Lakh AK-203 Assault Rifles at Korwa, Uttar Pradesh. The contract was signed after the talks between defence delegations of India and Russia. The Indian side was led by Defence Minister Rajnath Singh while General Sergey Shoigu headed the Russian side. The contract ends the long quest of Indian Army to replace ageing INSAS Rifle with a modern weapon.

AK-203 Rifles are 7.62 X 39mm caliber with an effective range of 300 meters is a light weight and easy to use Modern Assault Rifle with proven technology that will enhance the combat potential of soldiers to adequately meet present and future operational challenges. The agreement signed between the two sides envisages production of 6,01,247 AK-203 Assault rifles by the joint venture Indo-Russian Rifles Pvt Ltd (IRRPL), the Defence Ministry said. The partners in the JV from the Indian side comprise of erstwhile Ordnances Factory Board, with 50.5 per cent share capital [now Advanced Weapons and Equipment India Limited (AWEIL) owning share capital of 42.5 per cent and Munitions India Limited (MIL) owning share capital of 8 per cent. From the Russian side Rosoboronexport (RoE) & Concern Kalashnikov of Russia hold 49.5 per cent share capital in the IRRPL JV.

The Inter-Governmental Agreement (IGA) signed between India and Russian Federation in Feb 2018 paved the way for overcoming the capability gap in the sphere of Assault Rifles by making Kalashnikov series of rifles in India. AK-203 Assault Rifles tremendously augment the operational capability of Indian soldiers. The factory located in Korwa, Distt-Amethi expands the production capacities of factory at Korwa and boosts the manufacturing eco system in UP Defence Corridor. Local employment opportunities and economic growth will see an upswing.

AK-203 one of the latest weapons in the iconic Kalashnikov series is an extremely reliable weapon with reduced flash & recoil, better ergonomics and other modern features. This weapon boosts confidence and morale of soldiers and enables them to tackle multiple operational challenges in conventional and sub-conventional domains. The contract envisages complete transfer of technology to IRRPL by Kalashnikov in manufacture of first 70,000 weapons. The rest 5.31 lakh weapons thereafter will be completely indigenous realising the Government's vision of Make in India and expanding defence exports. The entire lot of 6.01 rifles will be produced in 10 years. The security agencies under MHA too are eagerly looking forward to supplement their inventory with AK-203. The contract for production of 6.01 Lakh weapons in India is incomparable in magnitude with any such arrangement in the recent past and certainly a win-win deal for Indian Armed Forces.

ART CORNER



Prajakta Vishnu Pangare
FE Div: B



Rutuja Bhosale
FE Div-A



Pratham Matte
FE Div-B



Pratham Matte
FE Div-B

Quote of the Month

*"Life is like riding a bicycle.
To keep your balance, you
must keep moving."*

-Albert Einstein



★★★