

- **Name of Workshop:** National Level 4 Days Offline Civil Engineering Hands On Training **GROW TOGETHER** Workshop.
- **Topic :** 4 days Civil Engineering Hands On Training
- **Organizers:** Anantrao Pawar College Of Engineering And Research Pune ,Association with Joint Services Innovations & Indigenization Centre Pune(JSIIC) Ministry Of Defence, Startup Research Of Operational Technology (SROT),Indian Concrete Institute(ICI)Pune Centre, Technical Support by J Kumar Infraprojects Ltd.Pune, Maharashtra State Board of Technical Education (MSBTE).
- **Date of Event:** 10/04/2023 to 13/04/23
- **Time of event:** 9.00A.M. -6.00P.M.
- **Participants:** Diploma and Degree Civil Engineering students,

11th&12th Civil Vocational subject Students ,

Faculty members,RMC plant Technicians

- **Name of Event Coordinator:** Asst.Prof.Neha S.Deshmukh
- **Target Audience with count:** Participants from Pune region, Mumbai,Satara Sangli,Kolhapur,Nashik,Solapur,Pandhrpur,Amaravti,Nagpur,Akola,Kokan,Pen,Ratnagiri, Chatrapati Sambhaji Nagar,Daund etc. all over the Maharashtra came for the workshop.

Sr. No.	Days	No. of Participants (Students & Faculty)
1.	4	366

- **Main Objective Of the Workshop:** To fill the gap between academic and Industrial needs. Bridging industry-academia gap plays a very important role in this whole scenario where students, universities, organizations and government need to energize and work together to make it happen.



Guard of Honour and Salutation to Hon.Guests by NCC Cadre



Hon Air Commodore Rajendra Gaikwad Sir
Sir



Hon. Lieutenant Colonel Anoop Mishra



Hon. Er. Yusuf Inamdar Sir



Hon. Shri. Dhairyashil Vandekar Sir



Hon. Dr. Sunil Thakare Sir

Principal



Felicitation Of Hon. Guests



Inauguration of Grow Together Workshop :Ribbon Cutting Ceremony



Guests and dignitaries reviewing Tunnel Boaring Machine ,Startups Products,Prayas Shala Robotics Machine demostartion.



Township Layout



Surveying Total Station on hilly region



Surveying



Bar Bending Schedule



Demo Training Of Cementitious Material



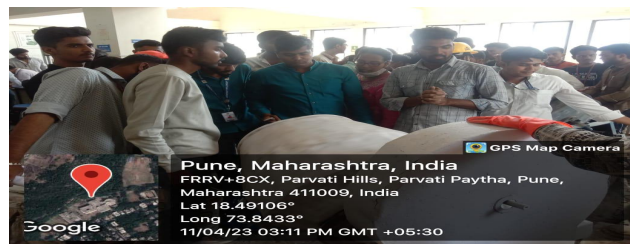
Gradation Calculation



Gradation



Concrete Mix Trials



Concrete Mix Trials



Layout, line dori, Tube Level



Painting & waterproofing



Shuttering



Brickwork layout, Wall Construction, Plastering



Drainage systems, solutions for the leakages



Plumbing



Bar Cutting & Bending



Structural Drawing Reading



Concrete Scanning

Date	Activities	Name of trainer
10.04.23	Township Layout	Er.Vineet Joshi & Team(Civil engg.Buisness)
	Surveying	Sunil Shinde (Senior Surveyor) ,Navnath Koble (Senior Surveyor)
	Bar Bending Shedule	Er.MayurPatil (Steel BBS Engg), Er.Geet Sail (Steel BBS Engg)
11.04.23	DemoTraining&Cementous material presentation	Er.Rushi Parate (QA/QC Engg), Er.Anjali (Penna Cement)
	Gradation	Er.Rushi Parate (QA/QC Engg), Er.Sushant More (Penna Cement), Er.Abhishek Sharma (JSW)
	Mix Design Calculation	Er.Rushi Parate (QA/QC Engg), Er.Sushant More (Penna Cement), Er.Abhishek Sharma (JSW)
12.04.23	Waterproofing,Shuttering, Line dori,Tube Level Brickwork, Layout Wall Construction, Plastering Painting,	Er.Vinit Joshi & Team (Civil engg.Buisness)
	Plumbing,pipes,valves,plumbing fixtures,drainage apparatus system,hanging	Er.Surykant Swami(Civil engg.Buisness)

	drainagesystem	
13.04.23	Cube Testing	Er.Manjunath Akkennawar (JSW), Er. Abhishek Sharma (JSW)
	Quality Survey & Estimation	Er.Mayur Pati (Steel BBS Engg)
	Structural Drawing Reading	Er.Geet Sail (Steel BBS Engg)
	Concrete scanning,	Er.Swapnil Sutar
Exhibition of Startup products: All 4 days of workshop.		
Company name & Product name		
	J.kumar Infra Projects	Cementless Concrete,CO2 Concrete,Dry-Premix,Chattan,Faulad,Wajra,Magnetron,HHO Machine,Oxygen + Hydrogen Machine
	3D Incise Engineering Services	solar dryer,smart stick and stun baton, animal repellent, solar stills,solar concentrator
	Nirvico Solutions	Sanitation Decomposer
	Indo Spark Construction Services	Wedge anchors, chemical anchor Bolts, Chemical Glass Capsules, Injectable Chemical mortars, nylon anchors, Drop in Anchors etc.
	Bhumitra Farms Care Services	Organic Mannure
	Boxer Chemicals	Spotless, Nano-PreTreat, Ferro-Shield
	Saaz Minerals	Less Curing Concrete
	Saaz Tech Solutions	Cementitious Material Concrete
	Amalgam biotech	BactaServe STP, BactaServe Septic activator, bactaserve composting
	Infinity Solutions	Agniroadhak
	Lotus Solutions	Soil Conditioner
	Molecular Technology	Diesel Additive
	Nuclear Products	Coolant
	WotSoft Technologies	Waste Water Treatment, Wet Waste Garbage Treatment
	HASBER	India's First Patented Mobile Concrete Plant

About Startup Products and Machineries :

1.Tunnel Boaring Machine:

2. India's First Patented Mobile Concrete Plant HASBER: The HASBER C-30 is India's first patented truck-mounted mobile concrete plant having capacity to produce freshly mix concrete on site. HASBER Machine is patented, 100% Indian make, fully automatic, new edge of

advance concrete manufacturing machine which is specially designed for Indian construction industry. HASBER Machine brings a new revolution in construction industry to supply FRESH MIX CONCRETE on site as per clients MIX design with cost-effective and transparent way. Fresh concrete made onsite in front of you with your customized requirements Controlled water-cement (w/c) ratio, Eliminates huge cost of infrastructure Controlled on mix design with flexibility of different grades, Transparent mixing process with material choice, Easy to use, Hassel-free, Reduces waste and associated costs by providing exact quantities. HABER Company wants to add value to construction industry to promote FRESH CONCRETE ON SITE practice with more economical, fair and transparent way. Uses of this machine is Compact size, Excellent fresh concrete mix with great quality Patented machine RTO approved, Cost saving Environment-friendly Zero wastage, Flexibility of different concrete grades at a time.

3. Agnirodhak Infinity Solutions : This product minimizes dangerous smoke and fumes, Helps to prevent flashovers. The coated area does not catches a fire. It's area of application are industrial area, shopping centres High rise building, Airport, Railway Stations, Electric Installation.



Er.Yusuf Inamdar Sir Interacting With Students



India's First Patented Mobile Concrete Plant





Valedictory function Certificate distribution, Participants, Trainers Feedback.

Hon. Guests Feedback

Air Commodore R N Gaikwad (Retd)

It was wonderful interacting with the young students. The concept of "Grow Together" workshop is an excellent idea to reduce the gap between Academic teachings and industry requirements. I am very sure that these kind of workshops would be well accepted by the industry. I am happy that M/s J Kumar is the most active partner in making this happen. I would like to put it on record the single handed contribution of Shri Yousuf A S Shamdar in making this workshop happen. I wish to thank Dr Thakare and Anant Rao Pawar College of Engineering & M/s J Kumar for inviting me for the inauguration of the workshop.

Thank you very much and wish you all the very best for this workshop.

Happy Landings!
Jai Hind !!

PS: Many thanks to Prof Neha Deshmukh for efficiently organising the event!

(R N Gaikwad)

LT Col Anoop Mishra, VSM
Dept of Military Affairs
Ministry of Defence

It was my privilege to participate in the opening ceremony of "Grow Together" programme. The programme planning and execution is very meticulously planned. Staff and students can be seen on same bandwidth and zeal. I wish you all the best for the learning programme and workshop.

Looking forward to interact with you and work on future projects.

Warm regards
Jai Hind
Anoop Mishra

Hon Air Commodore Rajendra Gaikwad Sir
Sir

Hon. Lieutenant colonel Anoop Mishra

Name :- Sumit Dhangar
Phone No :- 7261928254
College Name :- Sindhyal College of Engineering (Cocof), Varadwade, Pune.

Feedback :-

- 1) We pleased to attend this wonderful and amazing "4 Days Grow Together Workshop"
- 2) We learned most of the time theory part in our colleges, but here we got a chance to learn practical knowledge.
- 3) I gained practical, industry oriented knowledge like Tachisto laser, Surveying, Bar bending machine, gradation, mix design, shuttering, backcast, casting, structural drawing, etc.
- 4) This workshop was organized and planned very efficiently and smoothly by the "Anantasa Pooor college of engg & research, Pune."
- 5) All the practical knowledge and equipment were provided by the "J. KUMAR INFRA PROJECT, LTD."
- 6) I am thankful to J. Kumar group and Anantasa Pooor college for all the efforts taken by them.
- 7) This event will help us in our future progress and in career, for greater growth of our knowledge.


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Name :- Aravinkumar Vijay Banur.
Phone No :- 726487965
College Name :- N.K. orchid college, solapur

Feedback :-

We give lot of New information and new techniques of Civil Engg.
We learned most of the time theory part in our college, but here we got a chance to learn practical knowledge.
I got practical oriented knowledge like, surveying, bar bending, mix design calculation, Brick work.
This workshop was organised and planned very efficiently.

Thank you



Name :- Kapti Munge
Ph.No :- 8968904894
College Name :- Government Polytechnic Awasari (ah)

Feedback :-

- This workshop was incredibly helpful for understanding the various components involved in creating & using RMC.
- The workshop materials provided were excellent.
- The hands on portion of the workshop was particularly beneficial. Being able to work with the materials & equipment really helped solidify the concepts learned in the lecture portion.
- Overall, I feel much more confident in my ability to work with RMC workshop. I would highly recommend it to anyone looking to gain a better understanding of this important construction materials.

Participants Feedback