

Shankarrao Mohite Mahavidyalaya, Akluj.

International Seminar on Global Trends in Electronics

(Embedded System and Power Electronics)

ISGTE -2025 (on Line Mode)

Organized by Department of Electronics (UG & PG)

Date: 11/04/2025

Time :- 1.30 PM.

Brief Report

As per discussion in the Departmental Faculty Meeting held at the beginning of AC. Year 2024-2025, it was decided to Organize the international Seminar in the month of March-April 2025. Our Principle and Head department of Electronics communicated to resource person Miss. Varsha Narale from Dept. of embedded system ,Technical University Chemnitz, Germany, with her acceptance of invitation, the broacher for the seminar and on line registration Link is prepared to develop whatsapp group of participants on which seminar joining cum attending Link will be provided before commencing the seminar .

The main Aim of organizing seminar is the participant delegates ,Students of UG and PG , faculty member Should be made aware with power Electronics and embedded system used in practice for different applications used for the benefits of society, to save the time , to increase the efficiency, effective smartness in working ,etc.

Accordingly , International Seminar on Global Trends in electronics (Power Electronics and Embedded System) was organized under chairman ship of miss Adat mam of PG dept. and chair of honorable our Principal Prof. Tilekar S.K. on 11th of April 2025 at 1.30 pm. Common provision for attending seminar for students was made on audiovisual aid LCD screen in UG & PG department . About 45 UG Students and 14 PG Students and other 155 enjoyed on screen seminar. One of the Participant from Thailand was also participated ,Thus totally 214- participant candidate registered and attended the seminar .

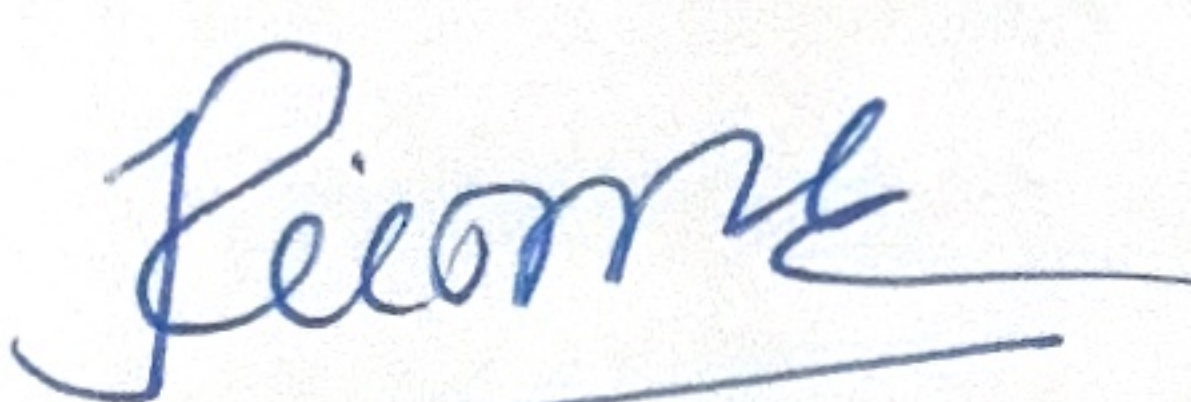
The Seminar joining link has provided for participants around 1.25 pm on whatsapp group formed .All most 214 participant attended the seminar .Hon. Speaker miss Varsha Narale from dept. of Embedded system ,Germany also joined. Undev chair of Miss Adar D.S. and our honor Prin .Tilekar S.K. seminar inaugurated, with permission of our Principal, and welcome from chair to the all deligates participant Seminar comensed. In one hour talk, Miss Varsha Narale at the brining elaborated , opportunities in power electronics in research and also in industry with use of power technology in the development of

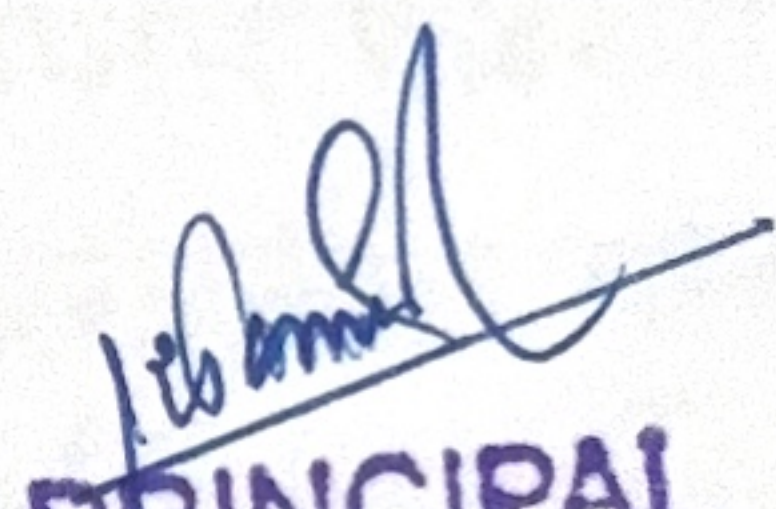
society and need of power saving technique by using embedded system. She also showered her thoughts on embedded system design, opportunities, applications and thrust in research area. She discussed a case study of using power electronics and design of embedded system for agricultural parameter measurements and controlling like temperature, humidity, Moisture, Soil pH and water irrigation to increase at and to perform controlled farm harvesting at Baramati tahcisl in Pune district

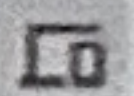
Lastly after question answer session between delegate participants and resource person session concluded with vote of thanks to miss Varsha Narale resource person, Hon. Jaysinh Shankarrao Mohite patil, Chairman S.M.S.M.P.sugar factory yashwant nagar, Hon. Sargramsinh Jaysinh Mohite patil, President S.P.M.Akluj, Participants, deli goo ten by chair.of seminar miss Deepali Adat mam, elaborating how seminar is usefull for students, delegates, researches, agriculturalists and also for society, Seminar was concluded with prior permission of Principal.

with supportive help from all UG and PG faculty member grand success of International Seminar was achieved.

E-certificates were provided on line to all the Participants after obtaining feedback from respective Participant through feedback link provided on participant whats app group.


Co-Ordinator
Department of Electronics
Shankarrao Mohite Mahavidyalaya, Akluj


PRINCIPAL
Shankarrao Mohite Mahavidyalaya, Akluj



V Varsha Narale (Presenting)

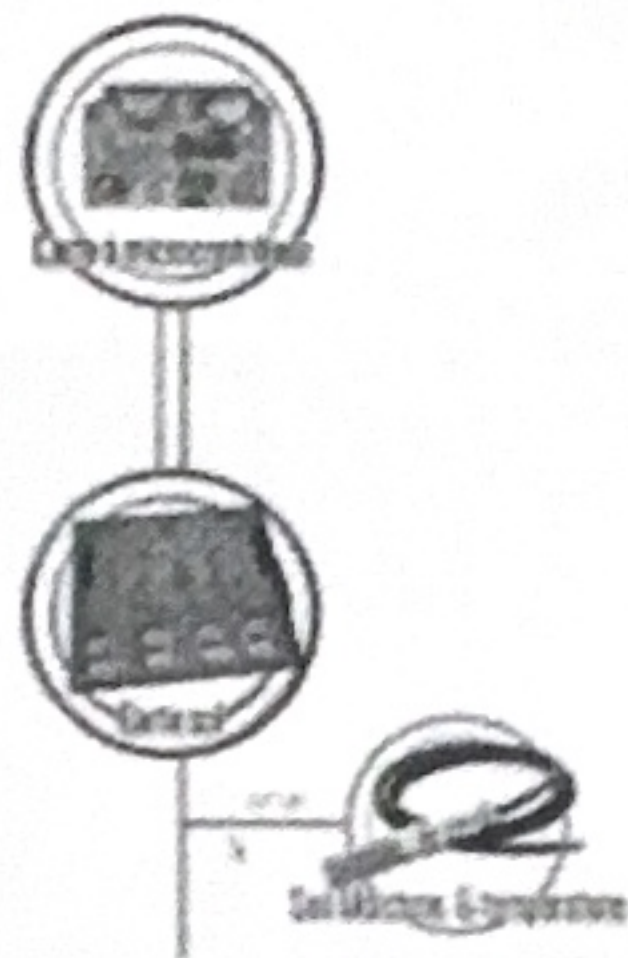


Remote Agriculture

Soil and plant health Monitoring

Soil Monitoring

- Temperature
- Moisture



Reutlingen: 11. April 2025 - Varsha Narale

25

varsha.narale@etit.tu-chemnitz.de



S

69 others



PG Electronics

People



+ Add people

Search for people

IN THE MEETING

Contributors

73



PG Electronics (You)
Meeting host



AJAY A NIKAM



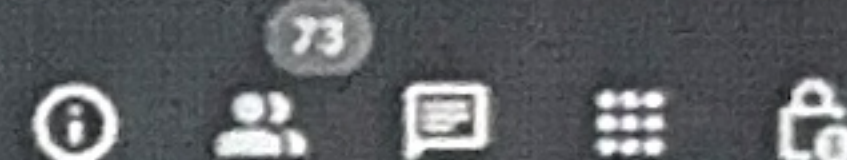
Ajay Shete



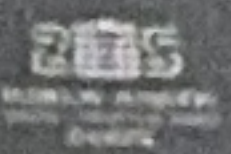
Ambarish Kulkarni



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Varsha Narale (Presenting)



Trend in power electronics

Wide Bandgap Semiconductors (SiC & GaN)

- Higher efficiency & faster switching than silicon
- Used in EVs, solar inverters, and industrial motor drives
- Future outlook: Lower costs, higher adoption



Postgraduate & Research Opportunities (M.Tech / MS / PhD)	Career Options	Skills
✓ Power Electronics, Semiconductor Devices ✓ Research in SiC/GaN device fabrication, packaging, and thermal design	✓ Power Electronics Design Engineer ✓ Semiconductor Process Engineer ✓ Applications Engineer (SiC/GaN-based systems)	✓ Device physics (Si, SiC, GaN) ✓ High-frequency converter design ✓ Thermal management & packaging

Tools: PLECS, PSIM, LTSpice, ANSYS

[1] <https://www.icofastchip.com/>

Reutlingen - 11. April 2025 - Varsha Narale

varsha.narale@etit.tu-chemnitz.de



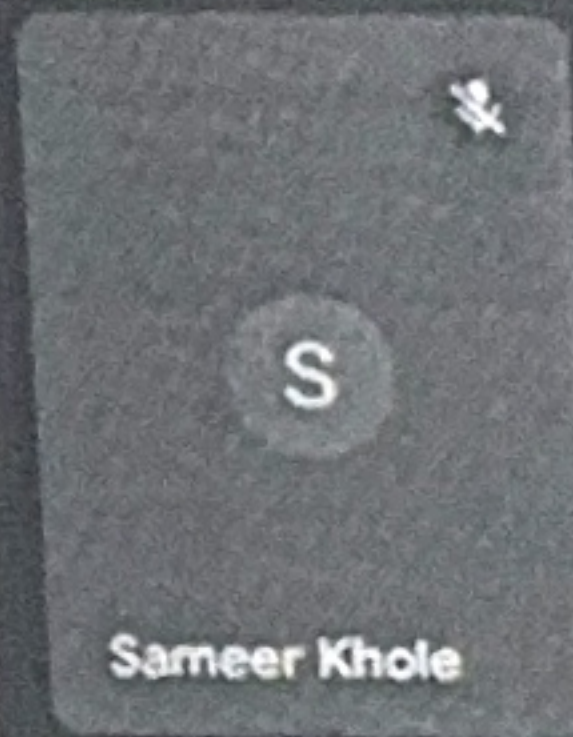
Varsha Narale



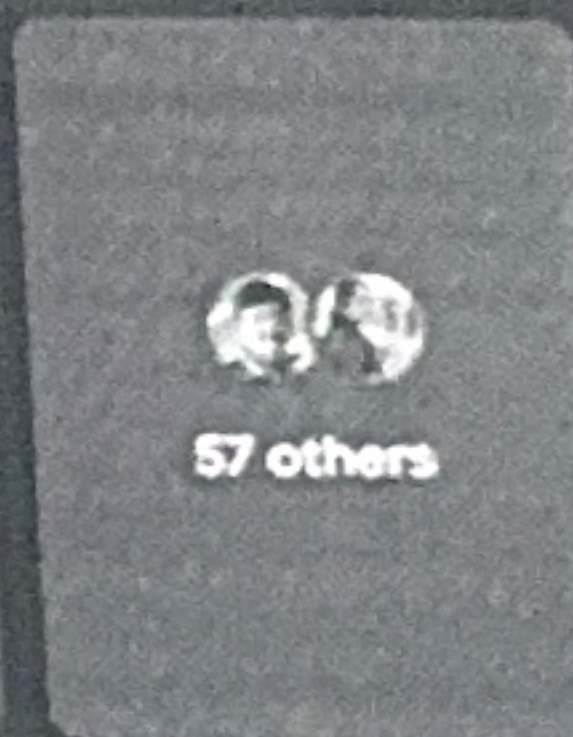
Rajshekhhar Ku...



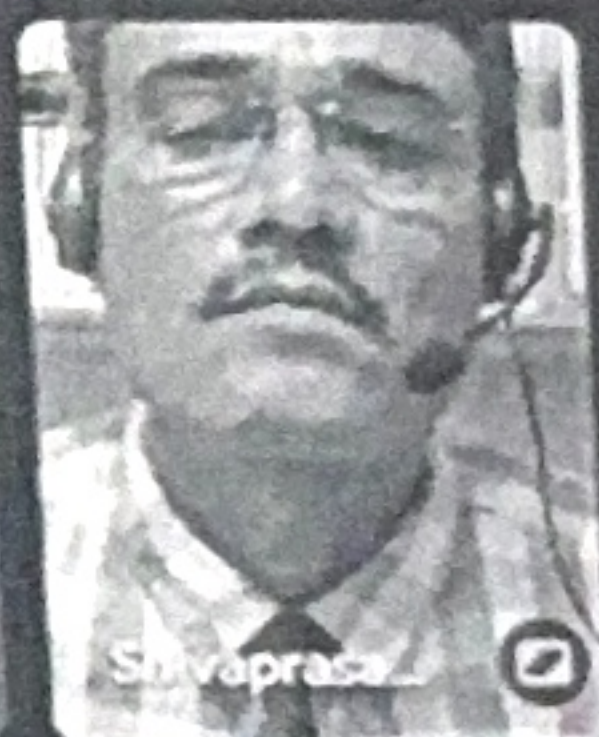
Deepali Adat



Sameer Khole



57 others



Shivaprasa...



|| TEWO SADA DNYANAMAYA PRDEEP ||
Shikshan Prasarak Mandal's, Akulj

Shankarrao Mohite Mahavidyalaya

A/P. Akulj, Dist. Solapur, Maharashtra, India – 413101
Affiliated to P. A. H. Solapur University, Solapur
(NAAC Accredited B++)



Department of Electronics

(UG & PG Programme)

organizes

International Seminar on Global Trends in Electronics (Embedded System and Power Electronics) (ISGTE-2025)

on 11th April, 2025 At 01.30 PM (Online Mode)

OUR PATRON

Hon. Shri. Jaysinh Shankarrao Mohite-Patil

Chairman

Sahakar Maharshi Shankarrao Mohite Patil Sahakari Sakhar Karkhana Ltd., Akulj.

Hon. Shri. Sangramsinh Jaysinh Mohite-Patil

Chairman

Shikshan Prasarak Mandal, Akulj.

RESOURCE PERSON

Miss. Varsha Narale

Department of Embedded System
Technical University, Chemnitz, Germany.

ORGANIZERS

Prof. Rajshekhar Kumbhar

Convener, ISGTE-2025

Prof. Prasad Lohar

Secretary, ISGTE-2025

Prof. Deepali Adat

Program Chair, ISGTE-2025

Prof. Shivaprasad Tilekar

Principal

Registration Link: <https://forms.gle/uVBgJzKNiaFSkdHx5>

WhatsApp Link: <https://chat.whatsapp.com/HG9RQD2P5kMLietEJyV6hg>

Shikshan Prasarak Mandal's, Akulj

shankarrao Mohite Mahavidyalaya

A/P. Akulj, Dist. Solapur, Maharashtra, India – 413101

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On the behalf of 75th birthday of

Hon. Jaysinh Shankarrao Mohite Patil

Department of Electronics

(UG & PG Programme)

has organizes

International Webinar on

Electronics : Recent Trends and Opportunities
(IWERTO-2024)

on 15th March, 2024 At 11.00 AM

RESOURCE PERSON

Dr. Sumayya Pathan

Department of Electronics
Chulalongkorn University, Bangkok, Thailand.

OUR PATRON

Hon. Shri. Sangramsinh Mohite Patil

Chairman
Shikshan Prasarak Mandal, Akulj.

Hon. Shri. Jaysinh Mohite Patil

Chairman
Sahakar Maharshi Shankarrao Mohite Patil
S. S. K. Ltd., Shankarnagar, Akulj.

Prof. Dipali Adat

Convenor, IWERTO-2024
Shankarrao Mohite Mahavidyalaya, Akulj.

Prof. Prasad Lohar

Secretary, IWERTO-2024
Shankarrao Mohite Mahavidyalaya, Akulj.

Prof. Dr. Shivaprasad Tilekar

Program Chair, IWERTO-2024
Professor & Head, Dept. of Electronics
Shankarrao Mohite Mahavidyalaya, Akulj.

Prof. Dr. Dattatray Bagade

I/C Principal
Shankarrao Mohite Mahavidyalaya, Akulj.

Registration Link: <https://forms.gle/gV3S7DzwiX7A584K7>

Whatsapp Link: <https://chat.whatsapp.com/FcUBSVufAjm85mBKuLe4wl>

I/C PRINCIPAL
Shankarrao Mohite Mahavidyalaya Akulj



Shikshan Prasark Mandal's, Akluj
Shankarrao Mohite Mahavidyalaya
A/P. Akluj, Dist. Solapur, Maharashtra, India – 413101
Department of Electronics (UG & PG)



on the behalf of 75th birthday of **Hon. Jaysinh Shankarrao Mohite Patil** has

Organizes

International Webinar on
Electronics : Recent Trends and Opportunities (IWERTO-2024)

Registration Link: <https://forms.gle/gV3S7DzwiX7A584K7>

Whatsapp Link: <https://chat.whatsapp.com/FcUBSVufAjm85mBKuLe4wl>

Outline of Webinar

Date : 15th March 2024 at 11.00 am.

Log in link	https://meet.google.com/kty-bnbf-efd available at 10.45 am
Introductory address & Introduction of Resource Person	Prof. Dr. Shivaprasad Tilekar Program Chair, IWERTO-2024 Professor & Head, Department of Electronics (UG & PG) Shankarrao Mohite Mahavidyalaya, Akluj
Plenary Session	Prof. Dr. Sumayya Pathan Electrocatalysis Engg., CECC High-performance Computing Unit Chulalongkorn University, Bangkok, Thailand.
Concluding Remark & Vote of Thank	Prof. Dipali Adat Convenor, IWERTO-2024 Post Graduate Department of Electronics Shankarrao Mohite Mahavidyalaya, Akluj



Shikshan Prasark Mandal's, Akluj
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A/P. Akluj, Dist. Solapur, Maharashtra, India – 413101
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on the behalf of 75th birthday of **Hon. Jaysinh Shankarrao Mohite Patil** has

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International Webinar on
Electronics : Recent Trends and Opportunities (IWERTO-2024)

Registration Link:

Whatsapp Link:

Webinar Greeting Data & Links

International Webinar on Electronics : Recent Trends and Opportunities (IWERTO-2024)

Dear all,

Greetings of the day.....!!!!!!

Shikshan Prasarak Mandal's, Akluj
Shankarrao Mohite Mahavidyalaya
A/P. Akluj, Dist. Solapur, Maharashtra, India – 413101.

On the behalf of 75th Birthday of
Hon. Jaysinh Shankarrao Mohite Patil,
Department of Electronics (UG & PG) has Organizes
International Webinar on Electronics : Recent Trends and Opportunities (IWERTO-2024)
Date: 15th March 2024, Time: 11.00 am

Follow this Link For Registration
<https://forms.gle/gV3S7DzwiX7A584K7>

Registration Fee: Nil

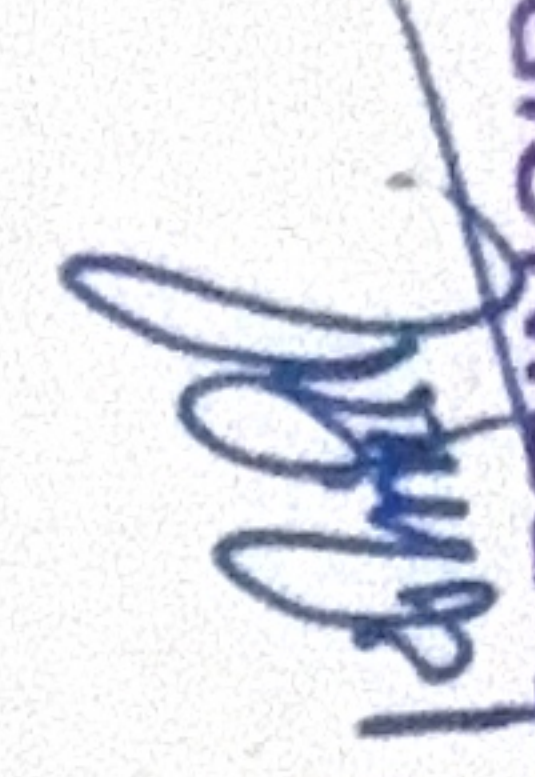
E-certificate

Registration, Attendance and Feedback is Mandatory to get E-Certificate

Follow this Link For Whatsapp group
<https://chat.whatsapp.com/FcUBSVufAjm85mBKuLc4wl>

Name of the Participant	Participant's Domain	Name of the Institution/ Industry
Xxxx	Faculty	Xxxx
Miss.Pandhare Shubhangi Balasaheb	Faculty	Shankarrao Mohite Mahavidyalaya,Akluj
Shaikh Hina Irshad	Faculty	Shankarrao mohite mahavidyalaya, Akluj
Prashant V Mane Deshmukh	Faculty	JSPM JSCOCS
Mr. Shaikh Mohd. Waseem	Faculty	Maulana Azad College, Aurangabad
Nalawade Harshad Nagnath	UG Student	KBPM PANDHARPUR
Sagar Shankar Varade	Faculty	H.P.T. Arts & R.Y.K. Science College, Nashik
Kiran Prabhakar Deshmukh	Faculty	Shri Shivaji Mahavidyalaya, Barshi
Mhaske Krushna Nandu	UG Student	ssgm college Kopargaon
Shinde Rutuja Ramesh	UG Student	Yashwantrao chavan institute of science satara
Miss Salunke kajal Sudhakar	Faculty	SSGM COLLEGE KOPARGOAN
Zaware Akash Yadav	other	Shri Dhokeshwar College
Shaikh Hina Irshad	Faculty	Shankarrao mohite mahavidyalaya, Akluj
Miss.Pandhare Shubhangi Balasaheb	Faculty	Shankarrao Mohite Mahavidyalaya Akluj
Karle priti sharad	Faculty	Arts ,science and commerce college burhannagar
Katwane Priyanka Ramdas	UG Student	Ssgm college kopargaon
Poonam kantilal lokhande	other	SMM Akluj
Sayyed Hamid Sharfuddin	Faculty	Marutraoji Ghule Patil College, Ahmednagar
Dhiraj Dhanaji Khochare	UG Student	SMM Akluj
Arya Hanmant Pisal	UG Student	Ycis, satara
Hina khalil Tamboli	UG Student	SMM Akluj
Pise Chaitali Balaso	Faculty	Green fingers college of computer and technology,akluj
Hasina Rasul Mujawar	Faculty	Shankarrao Mohite Mahavidyalaya Akluj
Prof.Sadashiv Shinde	Faculty	Sangola Mahavidyalaya Sangola
Dr. Shaikh Ifrah Fatema	Faculty	Maulana Azad College of Arts, Science and Commerce; Aurangabad
Mayuri shamrao patil	UG Student	Shankarrao mohite mahavidyalay akluj
RAJESH KANTILAL PATNI	Faculty	PEMRAJ SARDA COLLEGE AHMEDNAGAR
Nikita Babu Bhosale	UG Student	S.M.M Akluj
Gavhale shubhangi tukaram	PG Student	New arts, commerce &science college ahmednagar
Dane Gaurav Ashok	UG Student	SSGM COLLEGE KOPARGAON
Audumbar bandu kachare	UG Student	Aakluj
Harshal Babaso Humbe	UG Student	Shankarrao Mohite mahavidya akluj
JADHAV ROHIT WALHU	Faculty	SHRI DHOKESHWAR COLLEGE TAKLI DHOKESHWAR
Divya Chandrakant Jape	Faculty	Ssgm college kopargaon
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Amruta Shrimant Anuse	PG Student	Shankarrao Mohite mahavidyalaya,Akluj
Kumbhar Ajay Mahadev	UG Student	K.B.P.M. Pandharpur
RAJESH KANTILAL PATNI	Faculty	PEMRAJ SARDA COLLEGE AHMEDNAGAR
Miss Nikam Sushama Vijay	Faculty	Yashavantrao Chavan Institute of Science Satara
Prof. Chandrabhansingh Gaur	Faculty	SNBP COLLEGE PUNE 06
, VIJAY PUNJU DEORE	Faculty	NEW ARTS COMMERCE AND SCIENCE COLLEGE SHEVGAON DISTRICT AHMEDNAGAR MAHARASHTRA INDIA
Dhanalaxmi Murgesh	Faculty	SNBP COLLEGE
Prajakta Chetan Temkar	Faculty	SNBP COLLEGE
Bagade sir	UG Student	Solapur
Rohokale Sima Lahu	Faculty	Shri Dhokeshwar College Takali Dhokeshwar
Mohan Bharat Talekar	UG Student	Loni
snehal babasaheb shendage	UG Student	Sppu
Vaishnavi Kailas Unde	UG Student	SPPU
Sawade Ritesh Rahul	UG Student	Sangmeshwar college solapur
Gaikwad Siddheshwar Vitthal	Faculty	Sharadchandra Pawar Mahavidyalaya Lonand
Shelke snehal babasaheb	UG Student	Loni
Pansare Yogesh Navnath	UG Student	Loni
Dhaygude Maheshwari Prakash	UG Student	Sangameshwar college, solapur
Shailaja Arvind Tingare	other	Shankarrao Mohite Mahavidyalay Akluj Tal-Malshiras Dist- Solapur
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Kothari Burhanuddin Kejar	PG Student	Nowrosjee Wadia College
Aniket Balaso Dhaigude	Faculty	Sharadchandra pawar mahavidyalaya lonand
Kumbhar Tejpal Ramchandra	Faculty	K.B.P.M.Pandharpur
Dhaygude Maheshwari Prakash	UG Student	Sangameshwar college, solapur
Chetan Shivaji Karande	UG Student	Sharadchandra pawar Mahavidyalaya Lonand
Rohit shankar kudale	UG Student	Sharadchandra Pawar Mahavidya Lonand
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Kumbhar Ajay Mahadev	UG Student	K.B.P.M Pandharpur
Dhaval Sanjay Sabale	UG Student	KBPM Pandharpur
SHINDE SHRIKANT SAMBHAJI	Faculty	SHARADCHANDRA PAWAR MAHAVIDYALAYA, LONAND
Professor Nitin D Sali	Faculty	Padmashri Vikhe Patil Senior college Loni
Nitin Dattatray Wable	other	Ahmednagar college, Ahmednagar


VC PRINCIPAL
 Shankarrao Mohite Mahavidyalaya, Akluj