



SAMARTH EDUCATIONAL TRUST

ARVIND GAVALI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi, Recognized by Govt. of Maha. DTE Mumbai & Affiliated to MSBTE Mumbai, Dr. Babasaheb Ambedkar Technological, University Lonere

AICTE ID: 1-4210711 AISHE Code: C-11245 DTE Code: EN-6545 DBATU Code: 6545 MSBTE Code: 1617
NBA Accredited NAAC Accredited

Address : Gat No.247, AlPanmalewadi, Post-Varye, Tal. & Dist.-Satara, Pin.- 415 015
Mob.: 9957100100, 9069700100
Email : agcenggsatara@gmail.com
Website: www.agce.edu.in

6.5.2 Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s) / membership of international networks
3. Participation in NIRF
4. Any other quality audit / accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc

Table with 7 columns: Year, Regular meetings of the IQAC held, Conferences, Seminars, Workshops on quality conducted, Collaborative quality initiatives with other institution(s), Participation in NIRF along with Status, Orientation programme on quality issues for teachers and students, Date (From-To) (DD-MM-YYYY), Any other quality audit / accreditation recognized by the State, National or International agencies. Row 1: 2023-24, Last meeting Date 12-06-2023, Under the Margdarshan Scheme of AICTE Collaborative quality initiatives are started for Outcome based education from date 18/02/2021, Name of Institute : Kolhapur Institute of Technology's College of Engineering (Autonomous). Activities : 1. Date 21-06-2022 Online session on Querries and Review of NBA criteria No. 1 and 2. Number of Teacher Participated:17, Not Applicable, Quality Circle activity to develop core competency of faculty members Total 30 sessions of Quality Circle activity were conducted and 55 faculty members participated, 1.ISO 9001:2015 Vallid :17-04-2027 2.Institute has NBA Accreditation dated on 23 Dec 24. 3 institute has NAAC 2nd cycle Accreditation dated on Nov 24.



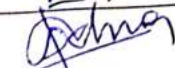
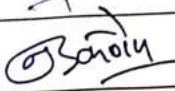
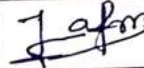
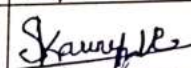

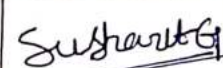
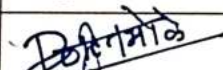

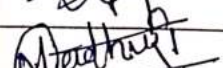





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Principal Arvind Gavali College of Engineering Panmalewadi, Satara

Minutes of the meeting of Arvind Gavali College of Engineering, Satara conveyed by Principal of AGCE on Saturday, 12 August 2023 at 11.00 AM in the Board Room of the AGCE, Satara.

Following members were present:

Sr. No.	Name	Designation	Signature
1	Dr. V. A. Pharande Principal, AGCE, Satara	Chairman	
2	Dr. V. S. Hingmire Associate Professor, AGCE, Satara	Senior Teacher as Coordinator	
3	Mr. S.P. Bidwai Chairman S.P. Packaging Ltd, Satara	Management Representative	
4	Mr. N.U. Kanse Registrar, AGCE, Satara	Senior Administrative officer	
5	Mr. C.B. Nalawade MD, Shuddha Milk and Milk Products, Satara	Industry Nominee	
6	Mr. S. M. Jadhav MD, Satara Engineering Work, Satara	Alumni Nominee	
7	Mrs. S. M. Pawar HR Head, Mutha Foundry, Satara	Industry Nominee	
8	Mr. O.R. Waikar CEO, Supreme Silicones & Trinity Enterprises, Pune	Industry Nominee	
9	Mr. S.D. Pharande Owner Shivam enterprises, Satara	Industry Nominee	
10	Mr. S. S. Gaikwad Social worker & Coordinator at Mhada, Pani Foundation	Society Nominee	
11	Mr. R.B. Bhole MD, 3 Star IT Solution, Satara	Alumni Nominee	
12	Dr. M.M. Warimani Associate Professor, AGCE, Satara	Teacher Representative	
13	Dr. M. M. More Associate Professor, AGCE, Satara	Teacher Representative	
14	Dr. S. R. Naidu Associate Professor, AGCE, Satara	Teacher Representative	
15	Mrs. R. M. Mandhare Assistant Professor, AGCE, Satara	Teacher Representative	
16	Mr. S.S. Ghadage Assistant Professor, AGCE, Satara	Teacher Representative	



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Following members were present:

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15	Mrs. R. M. Mandhare Assistant Professor, AGCE, Satara	Teacher Representative	
16	Mr. S.S. Ghadage Assistant Professor, AGCE, Satara	Teacher Representative	



- **Item No. 1: Read and Confirm minutes of last meeting held on Friday, 12 August 2022 at 3.00 PM**

Minutes of last meeting of IQAC, Arvind Gavali College of Engineering held Friday, 03 March 2023 at 2.00 PM in the Board Room of the AGCE, Satara were read and confirmed. Also new members Mr. Shailesh Bidwai Chairman S.P. Packaging Ltd, Mr. Suhas Pharande Owner Shivam enterprises, Satara and institute representatives are felicitated by Principal.

- **Item No. 2: Action taken on last meetings point: NAAC Peer Team Visit and NBA visit preparation**

Principal have presented institute presentation and departmental representative have shown sample documentation and file system to committee members. Principal have agreed to do the update as per committee suggestions.

- **Item No. 3: National Board of Accreditation process**

Principal and Mechanical Engineering department representative have presented NBA e-SAR 90 % of work completed till date and assured to submit e-SAR in next week.

- **Item No. 4: Stakeholder's feedback and action taken**

As per standard guidelines from various accreditation bodies, feedback of stakeholders including Students, Teachers, Alumni and Employers was taken during the year 2022-23. Highlighted suggestions and action taken is as follows.



Sr. No.	Feedback	Suggestions	Action Taken
A	Students Feedback	1. Conduct Branch wise technical activities	Various clubs are formed to increase activities, as student admitted to student branch wise workshops are conducted
		2. Increase E resources	E resources material quantity increased on Moodle.
		3. Assignment note book should be separate	Examination department have prepared separate 'Assignment Notebook'
B	Teacher Feedback	1. Professional ethics needs to be improved	Soft skill training, training and placement activities professional ethics sessions are planned.
		2. Student activity participation need to be improved	GFM counselling sessions conducted to motivate the student by discussing SOWC analysis.
C	Alumni Feedback	Promote, students to participate in extracurricular activities	<p>Following extracurricular activities conducted</p> <ol style="list-style-type: none"> 1. Cultural activities-14 and 1036 Participants <ol style="list-style-type: none"> i. Lakladikiabhiyan 3th Jan 2023. ii. Children's day celebration 14th November 2022. iii. Women's day celebration 8th March 2023. iv. Shiv jayanti Celebration on 19 Feb 2023 v. Cultural events-2023. Twins day, School dress day and Fashion show day on 4th to 8th April 2023 vi. Yoga day celebration on 19th to 21st June 2023. vii. Savitribai Phule Jayanti on 3rd Jan 2023 viii. Nirbhaya Pathak activities and support for women security on 10th June 2022. ix. Swami Vivekanand and Jijau Jayanti celebration on 12th Jan 2023. x. Netaji Shubhash Chandrabose Jayanti celebration 23rd Jan 2023. xi. Republic day celebration on 26th Jan 2023. xii. Hutatma Din on 30 Jan 2023. xiii. Menstrual health and hygiene on 14th Feb 2023. xiv. Blood donation camp on 23rd Feb 2023.



		<p>2. Sports activities-09</p> <ol style="list-style-type: none"> Tag of war (5 April 2023)- 140 (28 teams*5) students were participated Kabaddi (5 April 2023)- 126 (18 teams*7) students were participated Chess (6 April 2023)- 62 (31 teams*2) students were participated Badmitan (6 April 2023)- 86 (43 teams*2) students were participated Cricket (5 & 7 April 2023)- 231 (21 teams*11) students were participated Kho-Kho (6 April 2023)- 25(5 teams*5) students were participated Carram (6 April 2023)- 36 (18 teams*2) students were participated Athletics (7 April 2023)- 45 students were participated Volleyball (5 April 2023)- 114 (19 teams*6) students were participated
	Arrange Carrier guidance Sessions	<p>Following Career guidance activities were conducted</p> <ol style="list-style-type: none"> IT Career in Digital marketing by Mr. Ajinkya Pawar (AJDM India, Satara) on 10/03/2023)- 55 students were participated Opportunities in IT Career and Japan by Mr. Bipin Kadam (Thinksmart Soft KK, Tokyo) on 03/05/2023)- 73 students were participated Session on Management Studies by Dr. Pranjali Ankule (I.S.B. & M, Pune) on 14/12/2023)- 116 students were participated Recent Trends and opportunities in IT by Mr. Shivraj S. Gaikwad Rapportsoft (Consulting Technology, Pune) 19/05/2023)- 67 students were participated
	Increase the Experiential learning and teaching	<p>Industrial Visit and Guest Lecture arranged</p> <ol style="list-style-type: none"> Smart process (Model Developers) & Chaitanya Residency, Satara on 17. April 2023 -Number of Students visited: 32 Electro Services, kohina industrial estate, Karadon 13th of April 2023- Number of Students visited: 35 Intelux electronics Pvt. Ltd. On 10th March 2023. Number of Students visited: 25 Krushnkunj Apartment, RMC

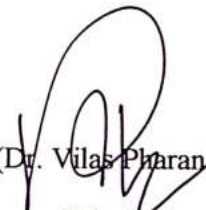


			plant(Kangralkar Developers and Buildiers) on 25-08-2023- Number of Students visited:23 v. Guest lecture on Solar panel installation and maintenance, delivered by Mr. NalawadeOmkarHanumant on 19 th Jan 2023- Number of students attended- 35
D	Employer Feedback	1. Uses technical knowledge and expertise	Workshops on technologies such as C, OOP, HTML, CSS, PHP, and Python are planned and conducted. Workshops on PCB Designing, Automation in IOT, AUTOCAD are organized for second year students.
		2. Improve Communication	<ul style="list-style-type: none"> • Campus to Corporate, TPO sessions are planned from 1st year. • Workshops on soft skills are organized.

The next meeting of the Arvind Gavali College of Engineering will be held on Saturday the 20th January 2024 at 3:00 p.m. in the Board Room of the AGCE, Satara.

Date: 12 August 2023



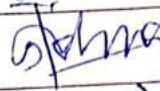
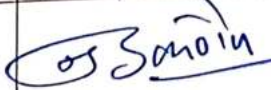



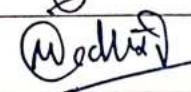

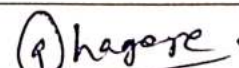



 (Dr. Vilas Pharande)
 Principal

Principal
Arvind Gavali College of Engineering
Panmalewadi, Satara.

Minutes of the meeting of Arvind Gavali College of Engineering, Satara conveyed by Principal of AGCE on Saturday, 17 August 2024 at 11.00 AM in the Board Room of the AGCE, Satara.

Following members were present:

Sr. No.	Name	Designation	Signature
1	Dr. V. A. Pharande Principal, AGCE, Satara	Chairman	
2	Dr. V. S. Hingmire Associate Professor, AGCE, Satara	Senior Teacher as Coordinator	
3	Mr. S.P. Bidwai Chairman S.P. Packaging Ltd, Satara	Management Representative	
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➤ **Item No. 1: Read and Confirm minutes of last meeting held on Saturday, 12 August 2023 at 11.00 AM**

Minutes of last meeting of IQAC, Arvind Gavali College of Engineering held **Saturday, 12 August 2023 at 11.00 AM** in the Board Room of the AGCE, Satara was read and confirmed.

➤ **Item No. 2: Action taken on last meeting point: NAAC Peer Team Visit and NBA Visit Results**

The institute is NAAC accredited with a 2.92 CGPA and Two Departments Computer Science & Engineering and Mechanical Engineering departments NBA accredited for 3 years.

➤ **Item No. 3: AQAR 2023-24**

The coordinator has presented the format for AQAR 2023-24 in front of all members and briefed the same. Also, Criteria wise coordinators are assigned at the institute level.

➤ **Item No. 4: Student Council**

To increase the student satisfaction index, the IQAC coordinator has proposed to form a student council through a well-defined selection process. All members have approved the same.

The next meeting of the Arvind Gavali College of Engineering will be held on Saturday the 22nd March 2025 at 3:00 p.m. in the Board Room of the AGCE, Satara.

Date: 17 August 2024




(Dr. Vilas Pharande)

Principal

Principal
Samarth Educational Trust
Arvind Gavali College of Engineering
Panmalewadi, Satara



Phone : 011-26131577 - 78, 80
011-29581000
Website : www.aicte-india.org



अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक सांविधिक निकाय)
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
नेल्सन मंडेला मार्ग, वसंत कुंज, नई दिल्ली-110070

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(A Statutory Body of the Govt. of India)
(Ministry of Human Resource Development, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Lt. Col. Kailash Bansal
Director (MD Cell)

F.No.58-43/Margdarshak Cell/2020-21
Dated : 18.02.2021

To,
The Director/Principal
Kolhapur Institute of Technology's
College of Engineering (Autonomous),
Kolhapur-400032

Sub: Nomination as Mentor Institute (MI) under Margdarshan Scheme.
Sir,

This is with reference to your proposal submitted for Mentor Institute (MI). The proposal was placed before the duly constituted Committee. Based on the recommendations of the Committee, the Competent Authority has approved your application for nomination as Mentor Institutes (MI) under the Margdarshan Scheme of AICTE. The following MBI's are hereby mapped for mentoring.

S.No.	Name of MBI	Address
1.	KLE Society's, KLE college of Engineering & technology, Chikodi	Post Box No. 16, Banantikodi, Road, Chikodi, Belagavi, Karnataka-591201
2.	Rajendra mane college of engineering & technology, ambav	At.Po. Ambav, Ratnagiri
3.	Angadi institute of technology & management, belagavi	Belgaum, Karnataka
4.	Institute of civil & rural engineering	Hutama Murlidhar Nagar, Kolhapur 416209
5.	Arvind Gavali College of Engineering Satara	Satara
6.	Maratha Mandal Polytechnic	Subhash Nagar, Belagavi
7.	Gomatesh Polytechnic	Hindwadi, Belgaum

In accordance with the scheme guidelines an initial grant in aid of Rs. 35.00 Lakh has been sanctioned. Kindly forward a bank mandate form for releasing the same. This grant shall be released as under.

Total Grant	1 st Installment (65%)	2 nd Installment (35%)
Rs. 35,00,000/-	Rs. 22,75,000/-	Rs. 12,25,000/-

Further, it is to inform that an MI can mentor **maximum 10 MBIs**. Hence you are requested to submit an additional DPR within 30 days to complete the number of 10 MBIs.

You may kindly initiate all the activities for MBIs as per revised Guidelines of Margdarshan Initiatives, and also submit MoUs duly signed by your institute and adopted MBIs at the earliest.

Yours sincerely,

(Lt. Col. Kailash Bansal)
18 Feb 2021

Copy to:

1) Dr. Vilas Vijaya Karjinni, Chief Coordinator

2) AICTE-WESTERN REGIONAL OFFICE
2ND FLOOR, INDUSTRIAL ASSURANCE BUILDING,
V.N. ROAD, OPP. CHURCH GATE
RAILY. STATION CHURCH GATE
MUMBAI-400020

For information please

3) Approval Bureau, AICTE



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Date: 09/10/2023

Report on NBA Guidance activity Under AICTE Margdrshan Scheme by Kolhapur Institute of Technology College of Engineering Kolhapur

Day: Monday

Date: 09 October 2023

Name of the faculty coordinator: Mrs Alatkar M N

Objectives: 1. Review of NBA Documentation

2. Review Lab Demonstrations

3. Discussion on students club activity and research activity

Outcome: 1. Faculty members represent their NBA criteria and discussion on documents deficiency.

2. Review of the lab representation and lab posters

3. Discussion on departmental presentations

Active participates: Head of the departments and NBA criteria Co-coordinators





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NBA Co-coordinator


Principal
Principal
Samarth Educational Trust
Arvind Gavali College of Engineering
Panmalewadi, Satara





Certificate of Registration

This is to certify that

SAMARTH EDUCATIONAL TRUST

A.M. 1/1 ADDITIONAL MIDC SATARA - 415004 M.H. INDIA

Has been assessed and Certified by Mapple Certification
Services as meeting the requirements of:-

ISO 9001:2015

Quality Management System

For the following scope of activities:-

Arvind Gavali College of Engineering-(Engineering, Polytechnic, B Voc, MCA,BCA)
Sawkar Homoeopathic Medical College-(B.H.M.S.)
Arvind Gavali College of pharmacy-(B. Pharmacy, D. Pharmacy, M. Pharmacy)
Sawkar Pharmacy College-(D. Pharmacy),
Sawkar Ayurvedic Medical College- (B.A.M.S.)
Sawkar Science College- (Jaitapur, Varye Campus)

Date Of Registration: xx/xx/2024
1st Surveillance Due: xx/xx/2025

2nd Surveillance Due: xx/xx/2026
Recertification Due: xx/xx/2027

Certificate No:- xxxxxxxxxxxx

To Verify this certificate please visit at www.mapplecert.de



Authorised Signatory

Mapple Certification Services

Validity of this certificate is subject to Annual Surveillance audits done successfully

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Lecture On

“Advance Probability theory”

Date: 26/8/2023

Meeting Timing: 12.00 to 1.00 pm

Topic Discussed: .

Dept.Coordinator : Ms.Nalawade S.B

Presented by:-Dr.Mirajkar G.S

Name Of Faculties:

- Dr.Hingmire V.S
- Dr.Shinde D.S
- Mr. Jagtap D.B
- Mrs.Kandarkar S.M
- Ms.Nalawade S.B
- Ms.Jadhav S.P
- Mrs.Pol B.P
- Dr.Nayak .B.M
-



Objective:

The main objective of this course is to provide faculty with the foundations of probabilistic and statistical analysis mostly used in varied applications in engineering and science like disease modelling, climate prediction, and computer networks etc

Outcome:

- Independently give a count of the foundations of probability theory from a measure-theoretic perspective.
- Thoroughly explain, define, and relate different types of convergences of distributions and probability measures.



Photos: Dr.Mirajkar G.S demonstrating objectives of Session

S. Mirajkar
Quality Circle Coordinator

[Signature]
HOD

[Signature]
Principal



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Lecture On

"Advanced Wireless Sensor Network"

Date: 9/10/2023

Meeting Timing: 1.00 to 2.00 pm

Dept.Coordinator : Ms.Nalawade S.B

Presented by:- Dr.Hingmire V.S

Name Of Faculties:

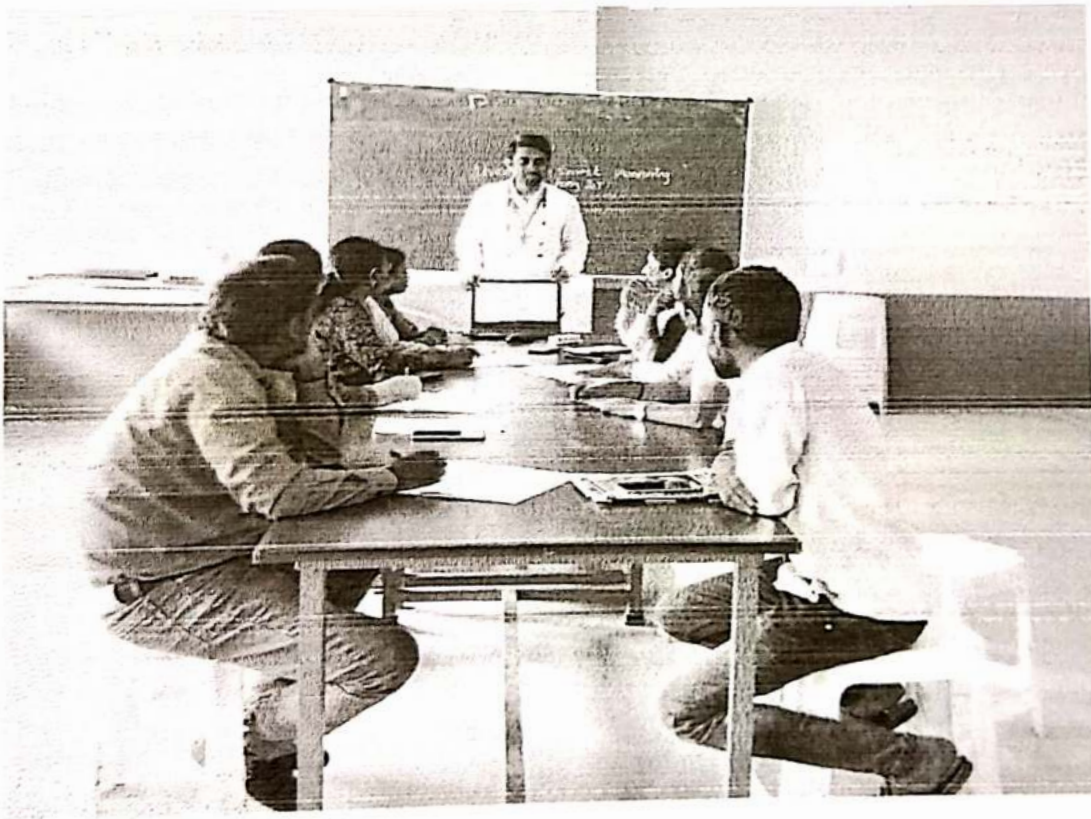
- Dr.Hingmire V.S
- Dr.Mirajkar G.S
- Dr.Shinde D.S
- Mr. Jagtap D.B
- Mrs.Kandarkar S.M
- Ms.Nalawade S.B
- Ms.Jadhav S.P
- Mrs.Pol B.P
- Dr.Nayak .B.M
- Ms.Mulla S.M

Objective:

1. Faculty should be able to enhance data collection, transmission, and analysis across various applications by leveraging wireless communication technologies. Faculty should be able to identify appropriate research topics.
2. These sensors aim to provide real-time, reliable, and efficient monitoring solutions without the limitations of wired connections

Outcome:

- Advanced wireless sensors enable continuous, real-time data collection without the need for physical connections, providing valuable insights into various processes.
- The use of wireless sensors eliminates the need for expensive wiring infrastructure, reducing installation and maintenance costs..



Photos: Dr.Hingmire V.S demonstrating objectives of session

Srinada Wade
Quality Circle Coordinator

[Signature]
HOD

[Signature]
Principal



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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Quality Circle Lecture On

"6G Wireless Technology"

Date: 14/10/2023

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: 6G Wireless Technology

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Ms. Nalawade S.B.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To shape the future of wireless communication.
- To enable new applications, services and experiences while addressing the growing demands of an increasingly connected world.
- To attain high practical standards that meet the performance requirements of IoE.



Outcome:

- 1) Discussing how the advances in 5G design impact the new architecture of 6G.
- 2) Discussing the evolution and timeline of advanced 5G.
- 3) Introducing the hardware-software evolution from a 6G perspective.



Photos: Prof. Nalawade S. B. demonstrating objectives of Session

S. B. Nalawade
Quality Circle Coordinator

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Principal

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Arvind Gavali College of Engineering Satara (Institute code: 6545)

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Quality Circle Lecture On

"Recent Trends in Microwave and beyond techniques"

Date: 11/11/2023

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Recent Trends in Microwave and beyond techniques

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Mr. Jagtap D.B.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr, Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Poir B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To design microwave antenna and microwave amplifiers
- To implement 5G antenna using 5G beam forming techniques
- To design and implement high gain antenna

Outcome:



- Faculty learn fundamentals of microwave engineering with reference to applications.
- Understand the significance of microwave and transmission lines.



Photos: Prof. Jagtap D.B. demonstrating objectives of Session


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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Quality Circle Lecture On

"Advances in smart environment monitoring system using IoT & sensors"

Date: 9/12/2023

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Advances in smart environment monitoring system using IoT & sensors

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Dr. Hingmire V.S.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

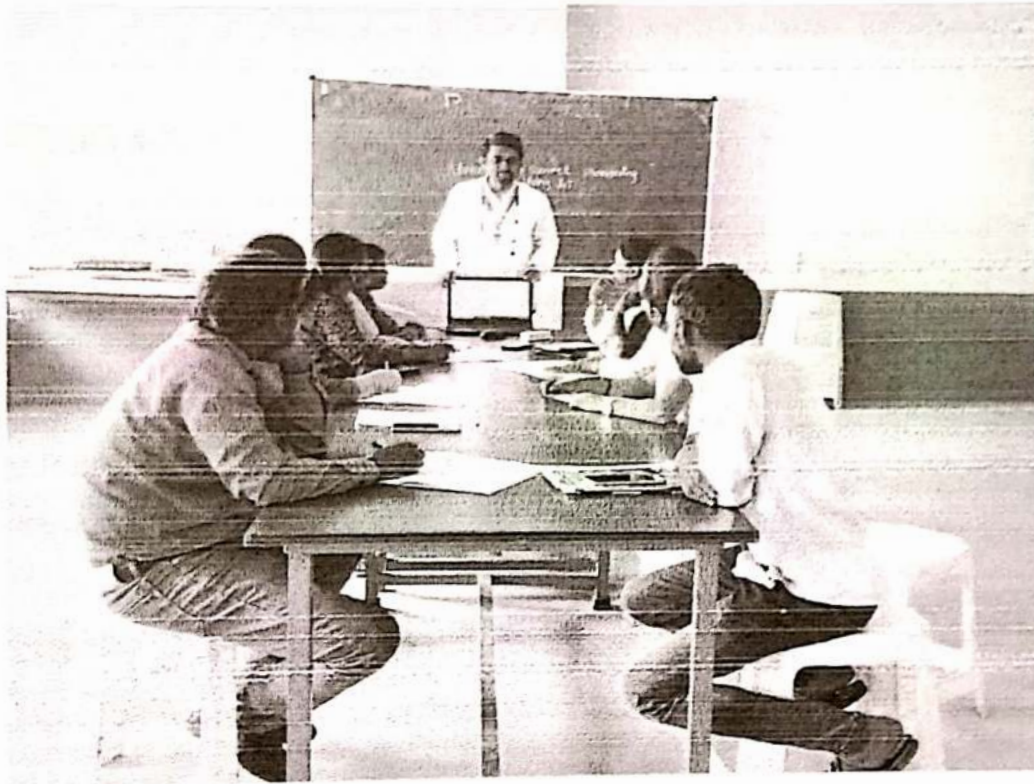
- To enable the collection and transmission of real-time data, which is used to monitor and control various systems, optimize operations, and improve decision-making.



- To detect the change in the environment and responds to some output on the other system
- to develop student's abilities to think critically and creatively, to communicate effectively, to develop personal and social responsibility, and to appreciate diversity.

Outcome:

- Collect and analyze telemetry from connected sensors, devices, and equipment for real-time tracking, monitoring, management, and remote control



Photos: Dr. Vishal Higmire demonstrating objectives of Session

Sonal Wade
Quality Circle Coordinator

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Lecture On

“Research Methodology”

Date: 27/01/2024

Meeting Timing: 1.00 to 2.00 pm

Dept.Coordinator : Ms.Nalawade S.B

Presented by:- Prof. (Dr.) Pradeep Chandrakant Bhaskar.

Name Of Faculties:

- Dr.Hingmire V.S
- Dr.Mirajkar G.S
- Dr.Shinde D.S
- Mr. Jagtap D.B
- Mrs.Kandarkar S.M
- Ms.Nalawade S.B
- Ms.Jadhav S.P
- Mrs.Pol B.P
- Dr.Nayak .B.M
- Ms.Mulla S.M

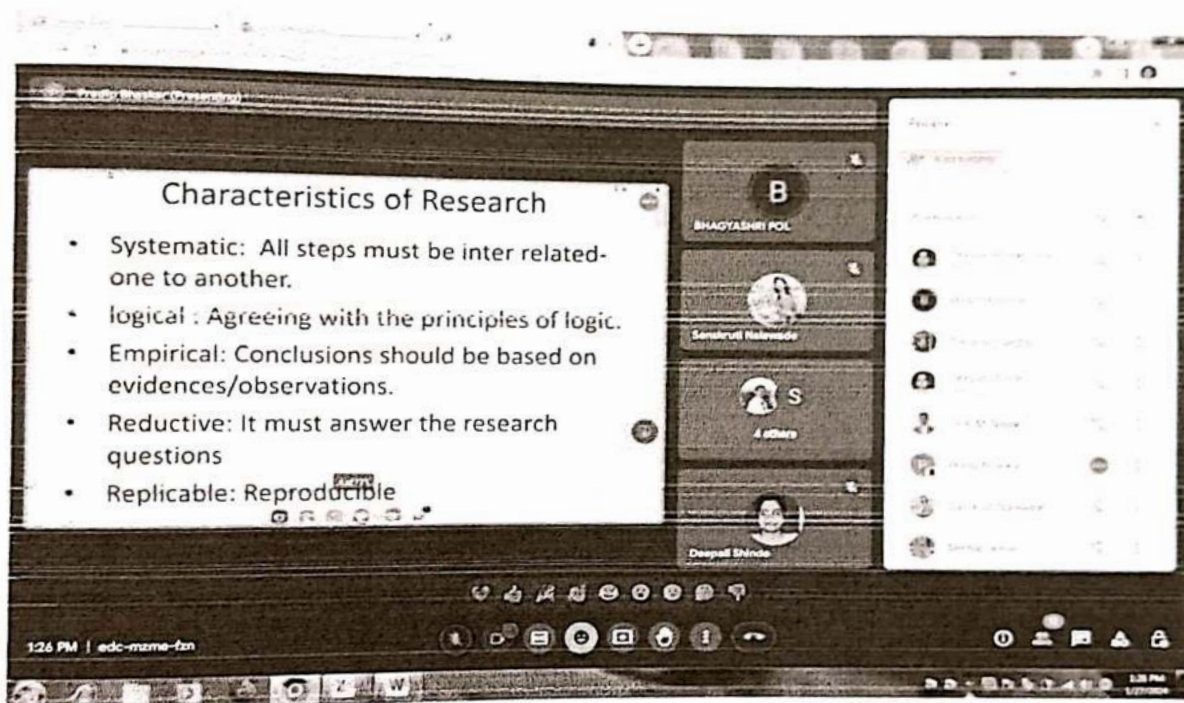


Objective:

1. Faculty should be able to organize and conduct research (advanced project) in a more appropriate manner
2. Faculty should be able to identify appropriate research topics.
3. This course addresses the issues inherent in selecting a research problem and discusses the techniques and tools to be employed in completing a research project.

Outcome:

- This lecture will help them to select an appropriate research design.
- Faculty members will be able to demonstrate the ability to choose methods appropriate to research objectives.





Photos: Prof. (Dr.) Pradeep Chandrakant Bhaskar demonstrating objectives of session

Sonal Wankar
Quality Circle Coordinator

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

ENGINEERING

Lecture On

“Information Theory In Digital Communication ”

Date: 24/02/2024

Meeting Timing: 11.00 to 12.00 pm

Topic Discussed: Key of digital communication, different modulation and demodulation technique.

Dept.Coordinator : Ms.Nalawade S.B

Presented by:-Mr Jagtap D.B

Name Of Faculties:

- Dr.Hingmire V.S
- Dr.Mirajkar G.S
- Mr.Kadam V.J
- Ms.Nalawade S.B
- Mrs.Kandarkar S.M
- Dr.Shinde.D.S
- Mrs.Pol B.P

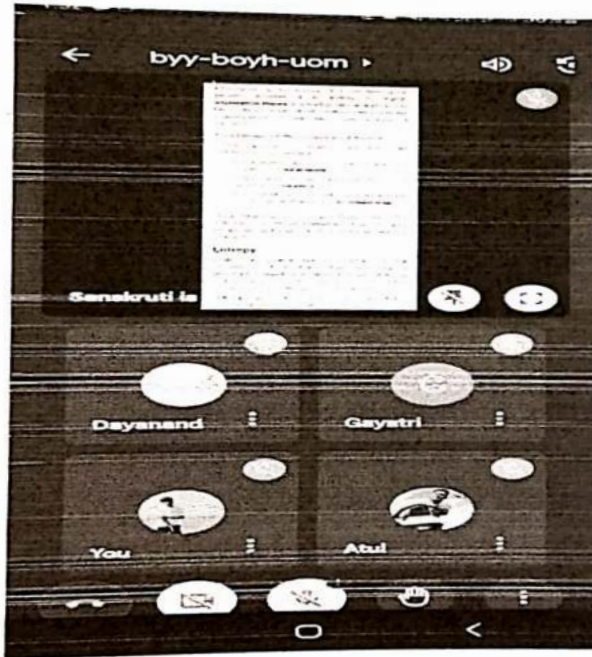


Objective:.

- 1) To understand Information theory , it is a mathematical approach to the study of coding of information along with the quantification, storage, and communication of information
- 2) To understand the key modules of digital communication systems with emphasis on digital modulation techniques.
- 3) To understand the different types of digital modulation technique.

Outcome:

- 1) Faculty learn Information theory in digital modulation .
- 2) Faculty learn key modules of digital communication.
- 3) Faculty learn how analyze the digital communication system with spread spectrum modulation.



Photos: Prof Dayanand Jagtap demonstrating objectives of Session

S. B. Nalawade
Quality Circle Coordinator

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**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

Quality Circle Lecture On

"wireless sensor network(WSN)"

Date: 9/03/2024

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Wireless sensor network

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Dr. Shinde D. S.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To understand the fundamentals of WSN and its application
- To enhance and evaluation of robustness and security.
- to increase data accuracy and reliability, improve the efficiency of data collection and transmission, and reduce the overall cost of data collection



Outcome:

- Faculty learn how to deploy low cost sensors for many applications.
- Learn how to extract data and transmit it to remote locations.



Photos: Dr. Shinde D. S. demonstrating objectives of Session

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Quality Circle Coordinator

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**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

**Quality Circle Lecture On
"Machine learning"**

Date: 23/03/2024

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Machine Learning

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Mrs. Kandarkar S.M.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To discover patterns in the user data and then make predictions based on these and intricate patterns for answering business questions and solving business problems.
- To program computers to use example data or experience to solve a given problem.



- To come up with computer programs that have the capability to improve themselves based on new data without requiring any explicit programming for the same.

Outcome:

- Understand a wide variety of learning algorithms.
- Understand how to evaluate models generated from data.
- Apply the algorithms to a real problem, optimize the models learned and report on the expected accuracy that can be achieved by applying the models.



Photos: Mrs. Kandarkar S.M. demonstrating objectives of Session

SBNalqWade
Quality Circle Coordinator

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**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

**Quality Circle Lecture On
"Embedded system Design"**

Date: 13/4/2024

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Embedded System Design

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Mrs. Pol S.P.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To introduce the Building Blocks of Embedded System.
- To Educate in Various Embedded Development Strategies.
- To impart knowledge in various processor scheduling algorithms.
- To Introduce Bus Communication in processors, Input/output interfacing.



Outcome:

- Acquire a basic knowledge about fundamentals of microcontrollers.
- Acquire knowledge about devices and buses used in embedded networking.
- Develop programming skills in embedded systems for various applications.



Photos: Prof Pol B.P. demonstrating objectives of Session

S.B. Nalawade

Quality Circle Coordinator

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**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

Quality Circle Lecture On

"Satellite communication in Computer network"

Date: 27/04/2024

Meeting Timing: 11.00 to 12.00 am

Topic Discussed: Recent Trends in Microwave and beyond techniques

Dept.Coordinator of Quality Circle Activity : Ms. Nalawade S.B.

Presented by:- Mr. Jagtap D.B.

Name Of Faculties:

- Dr. Hingmire V.S
- Dr.Mirajkar G.S
- Mr. Jagtap D.B
- Mr Chavan S.G
- Dr. Shinde D.S.
- Mrs. Pol B.P.
- Mrs Kandarkar S.M.
- Ms. Nalawade S.B.

Objective:

- To relay the signal around the curve of the earth allowing communication between widely separated geographical points.
- It helps in optimum utilization of resources.
- To understand the basic of satellite orbits.





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

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is pleased to declare

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Arvind Gavali College of Engineering

Panmalewadi, Varye, Dist. Satara,

affiliated to Dr. Babasaheb Ambedkar Technological University, Maharashtra as

Accredited

with CGPA of 2.92 on four point scale

at B⁺⁺ grade

valid up to November 01, 2028

Date : November 02, 2023



Mani
Director

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhasham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 28-669-2022-NBA

Date: 19-01-2024

To,
The Principal,
Arvind Gavali College of Engineering,
Gat No. 247, Panmalewadi,
Post-Varye, Satara-415015,
Maharashtra

Subject: Accreditation status of programs applied by Arvind Gavali College of Engineering, Gat No. 247, Panmalewadi, Post-Varye, Satara-415015, Maharashtra.

Sir,

This has reference to your application I.D. Nos. 7196-20/08/2022 and 8115-31/05/2023 seeking accreditation by National Board of Accreditation to UG Engineering programs applied by **Arvind Gavali College of Engineering, Gat No. 247, Panmalewadi, Post-Varye, Satara-415015, Maharashtra.**

2. An Expert Team conducted onsite evaluation of the programs from 24th to 26th November, 2023. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier II June 2015 Document	Accredited	Academic Years 2023-2024 to 2025-2026 i.e. up to 30-06-2026	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Computer Science and Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. Arvind Gavali College of Engineering, Gat No. 247, Panmalewadi, Post-Varye, Satara-415015, Maharashtra should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Contd./_

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Arvind Gavali College of Engineering, Gat No. 247, Panmalewadi, Post-Varye, Satara-415015, Maharashtra as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs is enclosed.
9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

- Encls.:** 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Director of Technical Education,
3, Mahapalika Marg, opp. Metro Cinema,
Dhobi Talao, Chhatrapati Shivaji Terminus Area,
Fort, Mumbai, Maharashtra 400001
2. The Registrar
Dr. Babasaheb Ambedkar Technological University,
Lonere, Tal- Mangaon,
Dist - Raigad. Maharashtra 402103
3. Accreditation File
4. Master Accreditation file of the State