



Record No.: ZCOER-IQAC/R/02

Revision: 00

Date:01/04/2021

Date:10/07/2021

## Internal Quality Assurance Cell (IQAC) Minutes of Meeting

The meeting of IQAC was conducted on 10/07/2021 at 03.00 pm in CSMA. Principal Dr. A. M. Kate presided the meeting.

- 1. Principal Dr. A. M. Kate welcomed all members and introduced new members namely Mr. U. S. Shid, Mr. A. V. Jadhav, Mr. A. M. Kate, Mr. P. P. Korpad. The member secretary Dr. P. P. Walvekar presented the agenda items for discussion.
- 2. Dr. P. P. Walvekar presented the review of previous meeting.
- 3. As per the recommendations in previous meeting, identified certification programs were presented to all members. It is decided to offer these certification programs in AY 2021-22.
- 4. As per the recommendations in previous meeting, it is decided to conduct a guest/ expert lecture in a week as an intiative of collaborative activity and emphasis should be given to call industry experts for delivering an interactive session.
- 5. Dr. A. M. Kate informed about AICTE initiative of providing ATAL FDP for free to all faculty members of recognized institutions. It is unanimously decided to motivate all faculty members to register and complete ATAL FDPs of their area of interest.
- 6. Dr. Shirbahadurkar drew attention of all members about continuation of developing econtent in AY 2021-22. All members supported and it is decided to continue developing of e-content in AY 2021-22.
- 7. All members insisted to submit the pending AQAR before deadline mentioned by NAAC.

Dr. P. P. Walvekar IOAC, Co-ordinator



Dr. A. M. Kate IQAC, Chairman





Record No.: ZCOER-IQAC/R/02

Revision: 00

Date:01/04/2021

The following members of the committee attended it.

Sr. No.	Name of the member	Designation and department	Committee Designation	Remark
1.	Dr. A. M. Kate	Principal	Chairman	Present
2.	Mr. U. S. Shid	Director, Zeal Education Society	Member	Present
4.	Dr. A. B. Ubale	Asso. Professor, Mechanical Engineering	Member	Present
5.	Dr. M. G. Unde	Professor, Electrical Engineering	Member	Present
6.	Dr. S. D. Shirbahadurkar	Professor, Electronics and Telecommunication Engineering	Member	Present
7.	Mr. A. V. Jadhav	Administration Office	Member	Present
8.	Mr. A. M. Kate	Administration Office	Member	Present
9.	Mr. S. S. Dhokte	Administration Office	Member	Present
10.	Mr. P. P. Korpad	Student	Member	Present
13.	Mr. L. M. Mahale	Plant Head, Mahindra Steel Service Center, Pune	Member	Present
14.	Dr. P. P. Walvekar	Asso. Professor, Civil Engineering	Member Secretary	Present





ZEAL EDUCATION SOCIETY'S

## ZEAL COLLEGE OF ENGINEERING AND RESEARCH

(Formerly Dnyanganga College of Engineering and Research)

(Approved by AICTE, New Delhi and Affiliated to Savitribai Phule Pune University, Pune)

S. No. 39, Narhe, | PUNE - 411 041 | INDIA . Phone No. 020-6720 6000/104 Tele Fax. 020-6720 6101

E-mail: principal.zcoer@zealeducation.com, Website: www.zcoerpune.org

Date:20/03/2021

## Internal Quality Assurance Cell (IQAC) Minutes of Meeting

The meeting of IQAC was conducted on 20/03/2021 at 11.00 am in CSMA. Principal Dr. A. M. Kate presided the meeting.

- 1. Principal Dr. A. M. Kate welcomed all members. The member secretary Dr. P. P. Walvekar presented the agenda items for discussion.
- 2. Dr. P. P. Walvekar presented the review of previous meeting.
- 3. As per the recommendations of using project based learning as a tool for participative pedagogy in previous meeting, all newly admitted students developed projects based on fundamentals of sciences and engineering.
- 4. As per the recommendations in previous meeting, academic process manual and formats were presented against members. All members approved the processes and formats with minor modifications. It is decided to follow academic processes and formats from AY 2021-22.
- 5. As a requirement of accreditation systems like NAAC and NBA, it was unanimously decided to prepare for the same. In this context, it was decided to conduct a webinar on New Education Policy (NEP) at the earliest.
- 6. Dr. A. M. Kate put the necessity of developing laboratories in department of AI&DS (Artificial Intelligence and Data Structures) and R&A (Robotics and Automation). The executive director, ZES directed to initiate the process at the earliest.
- 7. The code of conduct for students and staff was put forth against the members for discussion and recommendation of modifications. It was decided to publish it with minor modifications.

- 8. It was decided to update the organogram of the institute and to appoint respective coordinators/ incharges.
- 9. Dr. A. M. Kate suggested to increase the frequency of IQAC meetings from 02 to 04 per academic year. All members unanimously agreed the same.

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The meeting ended with thanks to the Chair.

Dr. P. P. Walvekar IQAC, Co-ordinator

Dr. A. M. Kate IQAC, Chairman

The following members of the committee attended it.

Sr. No.	Name of the member	Designation and department	Committee Designation	Remark
1.	Dr. A. M. Kate	Principal	Chairman	Present
2.	Dr. A. B. Ubale	Asso. Professor, Mechanical Engineering	Member	Present
3.	Dr. M. G. Unde	Professor, Electrical Engineering	Member	Present
4.	Dr. S. D. Shirbahadurkar	Professor, Electronics and Telecommunication Engineering	Member	Present
5.	Mr. S. S. Mahadik	Administration Office	Member	Present
6.	Mr. S. S. Dhokte	Administration Office	Member	Present
7.	Mr. A. B. Rasal	Student	Member	Present
8.	Mr. C. V. Deshpande	Alumni	Member	Present
9.	Dr. P. P. Walvekar	Asso. Professor, Civil Engineering	Member Secretary	Present





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E-mail: principal.zcoer@zealeducation.com, Website: www.zcoerpune.org

Date:12/12/2020

## Internal Quality Assurance Cell (IQAC) Minutes of Meeting

The meeting of IQAC was conducted on 12/12/2020 at 03.00 pm in CSMA. Principal Dr. A. M. Kate presided the meeting.

- 1. Principal Dr. A. M. Kate welcomed all members. The member secretary Dr. P. P. Walvekar presented the agenda items for discussion.
- 2. Dr. P. P. Walvekar presented the review of previous meeting.
- 3. As per the recommendations in previous meeting, all safety measures regarding COVID-19 were provided in campus premises strictly as per the guidelines received from government authorities.
- 4. As per the recommendations in previous meeting, Microsoft Team was used very effectively as a common learning platform in semester I of AY 2020-21.
- 5. As per the recommendations in previous meeting, management has established recording facility to support the e-content development. The recording facility was used to prepare and provide the e-content to students.
- 6. It was unanimously decided to use a learning tool of Project Based Learning (PBL) as a participative pedagogy.
- 7. It was decided to speed up the collaborative activities like industry expert lectures, industry-supported laboratories, internship programs, industrial visits, collaborative projects, etc. through the Industry Institute Interaction cell after resuming the institute in offline mode.
- 8. Dr. A. M. Kate made aware all members about the online internship program run by AICTE through INTERNSHALA. It was decided to use it to a greater extent in AY 2021-22.

- 9. Mr. B. P. Shinde suggested conducting global certification programs for students of all departments to improve placement opportunities in the future.
- 10. Dr. S. D. Shirbahadurkar suggested preparing formats and procedures for academics and administrative activities as a quality initiative like ISO and NBA.

The meeting ended with thanks to the Chair.

Dr. P. P. Walvekar IQAC, Co-ordinator

PU/PN/Engg/

Dr. A. M. Kate IQAC, Chairman

## Following members of the committee attended the meeting.

Sr. No.	Name of the member	Designation and department	Committee Designation	Remark
1.	Dr. A. M. Kate	Principal	Chairman	Prsent
2.	Dr. Y. B. Gurav	Professor, Computer Engineering	Member	Present
3.	Dr. A. B. Ubale	Asso. Professor, Mechanical Engineering	Member	Present
4.	Dr. M. G. Unde	Professor, Electrical Engineering	Member	Present
5.	Dr. S. D. Shirbahadurkar	Professor, Electronics and Telecommunication Engineering	Member	Present
6.	Mr. S. S. Mahadik	Administration Office	Member	Present
7.	Mr. N. B. Nimbalkar	Administration Office	Member	
8.	Mr. S. S. Dhokte	Administration Office	Member	Present
9.	Mr. A. B. Rasal	Student	Member	
10.	Mr. C. V. Deshpande	Alumni	Member	Present
11.	Mr. B. P. Shinde	Chief Executive Officer, Sailee Electrotekniks Pvt. Ltd., Pune	Member	Present
12.	Dr. P. P. Walvekar	Asso. Professor, Civil Engineering	Member Secretary	Present





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E-mail: principal.zcoer@zealeducation.com, Website: www.zcoerpune.org

Date:13/06/2020

## Internal Quality Assurance Cell (IQAC) Minutes of Meeting

The meeting of IQAC was conducted on 13/06/2020 at 03.00 pm in CSMA. Principal Dr. A. M. Kate presided the meeting and following members of committee attended it.

Sr. No.	Name of the member	Designation and department	Committee Designation
1.	Dr. A. M. Kate	Principal	Chairman
2.	Mr. P. V. Khandve	Executive Director, Zeal Education Society	Member
3.	Dr. Y. B. Gurav	Professor, Computer Engineering	Member
4.	Dr. A. B. Ubale	Asso. Professor, Mechanical Engineering	Member
5.	Dr. M. G. Unde	Professor, Electrical Engineering	Member
6.	Dr. S. D. Shirbahadurkar	Professor, Electronics and Telecommunication Engineering	Member
7	Mr. S. S. Mahadik	Administration Office	Member
8.	Mr. N. B. Nimbalkar	Administration Office	Member
9.	Mr. S. S. Dhokte	Administration Office	Member
10.	Mr. A. B. Rasal	Student	Member
11.	Mr. C. V. Deshpande	Alumni	Member
12.	Mr. B. P. Shinde	Chief Executive Officer, Sailee Electrotekniks Pvt. Ltd., Pune	Member
13.	Mr. L. M. Mahale	Plant Head, Mahindra Steel Service Center, Pune	Member
14.	Dr. P. P. Walvekar	Asso. Professor, Civil Engineering	Member Secretary

- 1. Principal Dr. A. M. Kate welcomed all members. The member secretary Dr. P. P. Walvekar presented the agenda items for discussion.
- 2. Dr. P. P. Walvekar presented the review of previous meeting.
- 3. As per the recommendations in previous meeting, two teams of senior faculty members visited IIT, Roorkee and IIT, Guwahati in January and February 2020 to extend external relations and outreach with institutes of high repute.
- 4. As per the recommendations in last meeting, a national level Zeal COVID-19 hackathon was organized in May 2020. The nationwide participants presented the ground breaking ideas to fight against present and post COVID-19 situation. The online prize distribution ceremony was organized to appreciate the participants.
- 5. It was decided to provide skill development programs related to laser cutting machine and CNC wood routing machine. However due to outbreak of pandemic situation, it was postponed till the academics will resume in offline mode.
- 6. The management proactively took decision of providing medical insurance for COVID-19 to all employees in May 2020. All members appreciated the initiative of management in this situation.
- 7. All members unanimously put emphasis on providing all safety measures in campus premises strictly as per the guidelines received from government authorities. Mr. P. V. Khandve immediately agreed to provide full support by all means in this regard.
- 8. Dr. A. M. Kate informed all members about the efforts taken for smooth conduction of academics through online mode. He has highlighted the need of common competent learning platform to be introduced in academic year 2020-21. After a thorough discussion on pros and cons of various available online learning platforms, it was decided to use Microsoft Team as a common learning platform in AY 2020-21.
- 9. Mr. A. B. Rasal grabbed the attention of all members towards requirement of learning material in digital form as a need of the hour. All members decided to prepare and provide the e-content to students on high priority. Mr. P. V. Khandve mentioned that management shall establish recording facility to support the e-content development.

The meeting ended with thanks to Chair.

Dr. P. P. Walvekar IOAC, Co-ordinator

Dr. A. M. Kate IQAC, Chairman

Internal Quality Assurance Cell
ZES's Zeal College of
Engineering & Research
Narhe, Pune - 411 (



Mahadey Undo sdeand zealedocation@gmail.com>

## Fwd: Expert Lecture Invitation

Mahadev unde <mahadev unde@zealeducation com> To Mahadev Unde <deanrd zealeducation@gmail.com>

Fn. May 21, 2021 at 10 C4 AM

Forwarded message ———
From Parikshit N, Mahalle <aalborg pnm@gmail com>
Date Fn. May 21, 2021 at 9.55 AM
Subject Re Expert Lecture Invitation
To Dr Suresh Shirbahadurkar <suresh shirbahadurkar@zealeducation.com>
Cc PARIKSHIT MAHALLE <pri>pnmahalle@sinhgad.edu>, Mahadev unde <mahadev unde@zealeducation.com>, Dr. Ajit Kate <ayt kate@zealeducation.com>

Respected Sir,
Greetings !
At the outset, I am very much thankful to you for your email and invitation.
I accept your invitation and will be happy to interact with your PG and PhD scholars on the mentioned topic.
PGA my CV for your reference.
TC

On Fri, May 21, 2021 at 9 52 AM Dr. Suresh Shirbahadurkar <suresh shirbahadurkar@zealeducation.com> wrote

Ref: Telephonic discussion with you on 18/05/2021.

Dear Sir.

We, the Zeal College of Engineering and Research, Pune, are running PG in five disciplines (Mechanical (O2 PG courses), Electrical, E&TC, Computer Engineering) and Ph. D programs in E&TC and Mechanical Engineering.

As a part of Ph. D. coursework, we are planning to conduct two expert lectures on the topic "Research and Publication Ethics (RPE)", each of 1.5 hours.

In the second session, I request you to focus a little bit on "How to do research?". There will be around 100 participants (PG students and Research scholars).

In this regard, please convey your suitable dates and timings so that we can plan sessions accordingly. It will be convenient if you conduct the lect on  $21.05.21 \otimes 4.00$ PM

Sir, we are waiting for your reply.

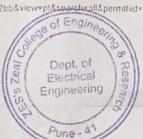
#### Thanking you

Dr S D Shirbahadurkar Professor, Dean (Acad & Admin) I HoD-E&TC Engg Zeal College of Engineering & Research, Pune -411041 Mob (91) 9766318642, shirsd@gmail.com

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Keep Posted. Thank You.

Bost Rogards

Dr. Parikshit N. Mahalle M.E. (Comp. Engg.), Ph.D Senior Member IEEE, LMISTE, LMCSI, Member ACM, Member IAENG (H.K.) Department of Computer Engineering, Sinhgad Technical Education Society's Smt. Kashibal Navale College of Engineering, Off Sinhgad Road Vadgaon (Bk), Pune - 411041 Cell: 9822416316 R: 020 - 46766131

Home Page: www.parikshitmahalle.com

" HAPPINESS IS FOUND ALONG THE WAY, NOT AT THE END OF ROAD "

Followers of MHRD (India)



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With Regards

Dr. M. G. Unde Professor **Electrical Engineering Department** Contact: +91 942272 7088 email:- mahadev.unde@zealeducation.com WEBSITE: www.zealeducation.com

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Record No.: ZCOER-ACAD/R/34

Revision: 00

Date:01/04/2021

#### R& D Cell Report of the Event Organized

Department: R & D cell

Semester: II

Academic Year: 2020\_21

Date: 22/05/2021

To, The Principal, ZCOER, Pune

Through: Dean R &D

Reference:

Subject: Submission of the report of Expert lecture 01 organized on topic "Research and Publication Ethics" PG Students, Ph D Research Scholars & all teaching faculty of Engineering.

Respected Sir,

With above reference, we have successfully organized Expert lecture 01 on topic "Research and Publication Ethics" for PG Students, Ph D Research Scholars & all teaching faculty of Engineering. The speaker was Prof (Dr) Ravindra Munje Ph. D. Electrical Engineering, Post Doctorate on 21.05.2021 (Time 03.00 pm to 05.00 pm). The details such as, Documents, photographs and certificates etc are enclosed herewith.

No. of Participants: 77

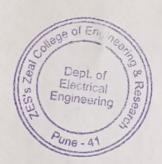
Faculty Coordinator and Members: Prof.(Dr) Unde M G

Sr. No.	Date	Details of the event organized	Details of Expenditure / Sponsorship	
1	21/05/2021	Importance of Research in Engineering	- Ponsorant)	
		Importance of Research in Engineering	2000=00	

Thanking You.

Prof.(Dr) Unde M G

Dean R & D







Record No.: ZCOER-ACAD/R/34 Revision: 00 Date: 01/04/2021

Encl: Detailed report of the event

Date of expert lecture	21/05/2021
	Dr. Parikshit n Mahalle Ph. D. Computer Engineering, Post Doctorate
Name of Expert and details	Designation: Professor & Head of Computer Engineering Department Organisation: Smt. Kashibai Navale College of
Topic of session	Engineering Pune M.S. India
Danie of Session	"Research and Publication Ethics"
Beneficiaries	All Engineering Faculties, PG & Ph. D. students.
No. of participants	77
Venue	ZCOER (Electrical Engineering Department)
Mode of session	Online through M.S. team

#### A. Overview:

The research & Innovation plays a vital role in development of any country in terms of higher education, industries, roads, airports, dams, mega structures, military applications & up gradation of living standard of human beings. In India, Ministry of human resource development & all India council for technical education has undertaken many research activities such as Research innovation, Research promotion schemes, Intellectual property Right (IPR), Start-up & Incubation cells & Internship etc for higher Education Institutes. Looking into view, the Research & Development Cell of Zeal College of Engineering and Research, Narhe, Pune has organized a Expert Lecture on "Importance of Research in Engineering Research and Publication Ethics" on 21st May 2021 during 3.00 P.M. to 5.00 P.M. in association with IQAC cell. Total 77 beneficiaries were actively present and interacted through the meeting. In the beginning of the Expert Lecture, warm welcome was given by Prof.(Dr.) Unde M.G. (Dean R & D cell). He has given the brief introduction of the speaker & importance of research activities for the PG & Ph D students & teaching faculty of engineering.

#### B. Objective:

The expert lecture was organized to Understand the research & publication Ethics. Outcomes:







Record No.: ZCOER-ACAD/R/34

Revision: 00

Date:01/04/2021

- Inculente the research activity among the PG students, Ph D students and teaching faculty.
- Understand the Research & Publication Ethics

#### C. Events Highlights;

Prof. Dr. Parikshit Mahalle had focussed on -

## What is National Policy on Academic Ethics?

#### 1. Introduction

Ethleaf practice is essential in every kind of academic activity. Any violation of basic ethics will affect the value and credibility of the activity being carried out, whether it is teaching or research or

Different areas of academic work, such as work involving human or animal subjects, medicine, engineering etc. may have their own, detailed and specific codes of ethics, but the essence of those guidelines should be aligned with the norms mentioned in this document. These guidelines should be required to be read and accepted by every member of the institution.

## 2. Policy of ethical conduct:

Teaching and research

- The selection and training of students should involve a just and fair procedure. During tests and interviews there can always be subjective judgments; however they must avoid any considerations unrelated to the student's academic ability.
- During teaching, the dignity of the classroom/laboratory should always be maintained.
- Cheating in tests and exams is never acceptable.
- Through their own actions, mentors must communicate positive ethical values and professionalism to their students.
- Every institution must have fair procedures for proper use and sharing of equipment and
- Many ethical norms in research, such as guidelines for authorship, copyright and patenting policies, data sharing policies, and confidentiality rules in peer review, are designed to protect intellectual property interests while encouraging collaborate.

## Ethical Decision Making in Research

Although codes, policies, and principals are very important and useful, like any set of rules, they do not cover every situation, they often conflict, and they require considerable interpretation. It is therefore important for researchers to learn how to interpret, assess, and apply various research







Record No.: ZCOER-ACAD/R/34

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rules and how to make decisions and to act ethically in various situations. The vast majority of decisions involve the straightforward application of ethical rules.

## What is Research Misconduct?

- Fabrication: Making up data or results and recording or reporting them.
- Falsification: Manipulating research materials, or changing or omitting data or results such that the research is not accurately represented in the research record.
- Plagiarism: The appropriation of another person's ideas, processes, results, or words without giving appropriate credit.
- Research misconduct does not include honest error or differences of opinion.

UGC established the Consortium for Academic and Research Ethics (CARE) to identify and list legitimate and good quality journals. The 'UGC-CARE Reference List of Quality Journals' has now been made available. INSA, IAS, NASI, INAE.

ISSN: International Standard Serial Number is an eight-digit serial number used to uniquely identify a serial publication, such as a magazine, journals.

ISBN: International Standard Serial Number: An ISBN is a 13-digit code which identifies a specific edition of a book title from one specific publisher and is unique to that edition

#### D. Contents during sessions:

## Where to publish the research paper?

UGC has established the journals for academic research publications called the Consortium for Academic and Research Ethics (CARE) to identify and list legitimate and good quality journals. The 'UGC-CARE Reference List of Quality Journals' has now been made available. INSA, IAS, NASI, INAE.

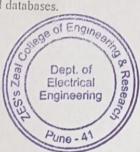
Refer the website for UGC care Journals www.https://ugccare.unipune.ac.in The UGC-CARE List has only TWO groups, instead of the original FOUR groups to simplify the search process. These are NOT hierarchic or ranked groups.

UGC-CARE List Group I

Journals found qualified through UGC-CARE protocols

UGC-CARE List Group II

Journals indexed in globally recognized databases.





#### MEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARDIE PUNE AL HUDIA



Record No.: ZCOER-ACAD/R/34 | Revision: 00

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The UGC-CARE List is dynamic. If any good quality journal is missing, it may be submitted by following the prescribed process. If any undeserved journal is found anywhere in the List, it may kindly be reported through feedback option. The DOC-CARISTAST is classified into 1) Sciences II) Social Sciences III) Arts and Humanities and (v) Multidisciplinary based on All Science fournal Classification (ASIC) codes, which are created and maintained by Scopus (Elsevier Science).

#### UGC-CARE List Group II journal consists of Web of Science

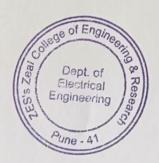
- 1. Arts & Humanities Citation Index.
- Science Citation Index Expanded.
- 3. Social Sciences Citation Index.

#### Scopus

#### 1. Scopus Source List

In his fecture, he stated not to send the research paper / article for more than one publication at a time. That makes the review of paper cumbersome, Do not copy the others research work. Go for research literature review/ survey. Pind the gaps, learn the methodology / software tool for research work. Review the work of other researcher thoroughly. Find the higher mathematics & tools required for research, Always, write your research work in good / standard globally accepted English language . Keep the plaglarism as per instructions. How to right the copy right form,

Further it is asked visit Google scholar score. What is H- index, L-index & G-, index score. What is impact factor of journal?



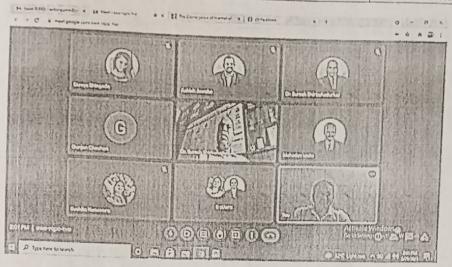




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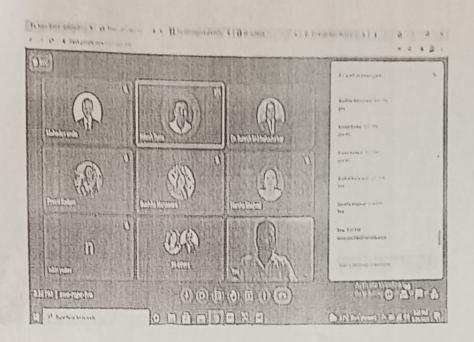
## ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARME | PUNE-H | INDIA



Record No.: ZCOER-ACAD/RAH

Recklon; 00

Date:01/04/2021



Session was concluded by question answers & vote of thanks was given by Dr Suresh Shirbhadurkar,

#### Attendance Report of the Event Organized (Online mode)

Sr. No.	Name of Students	Status	Date & Time
1	Mahadev Unde	Joined	5/31/2021, 2:56:13 PM
2	Ravindra Munje (Guest)	Jolned before	5/31/2021, 2:S6:13 PM
3	Pralhad Walvekar	Joined	5/31/2021, 2:56:20 PM
4	GHULE KANCHAN PRAKASH	Joined	5/31/2021, 2:57:23 PM
5	Vivek Bavdhane	Johned	5/31/2021, 2:58:52 PM
6	AJlt Kate (Guest)	Joined	5/31/2021, 2:58:52 PM
7	Vishal Tathe	Joined	5/31/2021, 2:59:09 PM
8	Dr. G S Anoakar (Guest)	Joined	5/31/2021, 2:59:17 PM
9	WARE MANISHA AMBADAS	Joined	5/31/2021, 2:59:43 PM
1()	Purushottam A Desai (Guest)	Joined	5/31/2021, 2:59:53 PM







11   NEVE NANDINI SUNIL   Joined   5/31/2021, 3:00:35 PM     12   PURUSHOTTAM DESAI   Joined   5/31/2021, 3:00:35 PM     13   MALLANIKE LIBITIMINAD   Joined   5/31/2021, 3:02:58 PM     14   Harish Shinde (Guest)   Joined   5/31/2021, 3:03:36 PM     15   SHEDE MANISH MAHESH   Joined   5/31/2021, 3:03:36 PM     16   Itharat Aldar   Joined   5/31/2021, 3:04:04 PM     17   KAWADGAVE DNYANESHWAR A   Joined   5/31/2021, 3:04:04 PM     18   PATIL PRATHAMESH DAULAT   Joined   5/31/2021, 3:04:25 PM     19   KHEDEKAR SHUBHAM MANGESH   Joined   5/31/2021, 3:05:34 PM     20   Suchita Nanaware   Joined   5/31/2021, 3:05:33 PM     21   PRIYANKA RAJESHWAR PILLEWAR   Joined   5/31/2021, 3:06:33 PM     21   PRIYANKA RAJESHWAR PILLEWAR   Joined   5/31/2021, 3:06:33 PM	
12 PURUSHOTTAM DESAI Joined 5/31/2021, 3:00:35 PM 13 MALLANIKE LIHIMRAD Joined 5/31/2021, 3:02:58 PM 14 Harish Shinde (Guest) Joined 5/31/2021, 3:02:58 PM 15 SHEDE MANISH MAHESH Joined 5/31/2021, 3:03:36 PM 16 Wharat Aldar Joined 5/31/2021, 3:04:04 PM 17 KAWADGAVE DNYANESHWAR A Joined 5/31/2021, 3:04:04 PM 18 PATIL PRATHAMESH DAULAT Joined 5/31/2021, 3:04:26 PM 19 KHEDEKAR SHUBHAM MANGESH Joined 5/31/2021, 3:05:34 PM 20 Suchita Nanaware Joined 5/31/2021, 3:05:34 PM	
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14   Harlsh Shinde (Guest)   Joined   5/31/2021, 3:02:58 PM     15   SHEDE MANISH MAHESH   Joined   5/31/2021, 3:03:36 PM     16   Uharat Aldar   Joined   5/31/2021, 3:03:36 PM     17   KAWADGAVE DNYANESHWAR A   Joined   5/31/2021, 3:04:26 PM     18   PATIL PRATHAMESH DAULAT   Joined   5/31/2021, 3:04:45 PM     19   KHEDEKAR SHUBHAM MANGESH   Joined   5/31/2021, 3:05:34 PM     20   Suchita Nanaware   Joined   5/31/2021, 3:05:33 PM	
15   SHEDE MANISH MAHESH   Joined   5/31/2021, 3:03:02 PM     16   Itharat Aldar   Joined   5/31/2021, 3:03:03 PM     17   KAWADGAVE DNYANESHWAR A   Joined   5/31/2021, 3:04:25 PM     18   PATIL PRATHAMESH DAULAT   Joined   5/31/2021, 3:04:25 PM     19   KHEDEKAR SHUBHAM MANGESH   Joined   5/31/2021, 3:05:34 PM     20   Suchita Nanaware   Joined   5/31/2021, 3:05:33 PM     21   DRIVANICA PARESHALL   Dailed   5/31/2021, 3:05:33 PM     21   DRIVANICA PARESHALL   Dailed   5/31/2021, 3:05:33 PM	
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22 Megha Pallewar Joined 5/31/2021, 3:06:47 PM	
2.3 KUMBAR PRAKASH MAHADEV Joined 5/31/2021, 3:07:01 PM	
2d Shivaji K. Maknikar (Guest) Joined 5/31/2021, 3:07:45 PM	
25 Vasundhra Gupta Joined 5/31/2021, 3:08:40 PM	
26 Snehal Banarase (Guest) Joined 5/31/2021, 3:09:30 PM	
27 POWAR RAHUL YASHWANT Joined 5/31/2021, 3:10:18 PM	
28 MAKHARE DARYARAJ SADHU Joined 5/31/2021, 3:10:21 PM	
29 Anupama Patil (Guest) Joined 5/31/2021, 3:10:24 PM	
30 Yogesh Ingole (Guest) Joined 5/31/2021, 3:10:38 PM	
31 SONDKAR SMITA SAHADEV Joined 5/31/2021, 3:11:05 PM	
32 Surbhi Singh Joined 5/31/2021, 3:12:22 PM	
33 PAWAR MAHESH RAUU Joined 5/31/2021, 3:13:09 PM	
34 Jaysingh Kshirsagar Joined 5/31/2021, 3:14:24 PM	
35 Suresh Shirbahadurkar Joined 5/31/2021, 3:15:52 PM	
36 Pratibha Mulik Joined 5/31/2021, 3:15:55 PM	
37 Kakde Shweta Kashinath Joined 5/31/2021, 3:19:12 PM	
38 PAWAR SAHIL YASHWANT Joined 5/31/2021, 3:20:21 PM	
39 PATIL KRISHNA LAXMAN Joined 5/31/2021, 3:20:50 PM	
40 Pitambar Gadhave Joined 5/31/2021, 3:21:12 PM	
41 TAKANKHAR VIJAYALAXMI MAHENDRA Joined 5/31/2021, 3:22:09 PM	
42 RATNMALA PANDIT LOKHANDE Joined 5/31/2021, 3:22:59 PM	
43 POWAR VAISHALI YASHWANT Joined 5/31/2021, 3:24:30 PM	
44 Minal Barl (Guest) Joined 5/31/2021, 3:28:30 PM	
45 Shakil Tamboti Joined 5/31/2021, 3:28:34 PM	
46 Pooja Desai (Guest) Joined 5/31/2021, 3-26-41 PM	
47 Powar Valshali Yashwant Joined 5/31/2021, 3:28:30 PM	-
48 CHOURE NEHA BALASAHEB Joined 5/31/2021, 3-33-51 PM	
49 Shirsat Karuna Sunii Joined 5/31/2021, 3:28:30 PM	







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1	50	PINAL NILESH DAVDA		Joined		5/31/2021, 3:37:51 PM	
-	51	Powar Rahul Yashwant	Joined			5/31/2021, 3:28:30 PM	
-	52	Sonkamble Shweta Bhanudas	Joined			5/31/2021, 3:28:30 PM	
-	53 DHANE MUKUND JAYRAM		Joined		100	5/31/2021, 3:39:50 PM	
	54	Damini Sisodiya	Joined			5/31/2021, 3:41:42 PM	
5	55	Priyanka Rajeshwar Pillewar	Joined			5/31/2021, 3:28:33 PM	
5	6	Baviskar Sushmita Dilip		Joined		5/31/2021, 3:28:30 PM	
5	7	SHINDE MANDAR HEMANT		Joined		5/31/2021, 3:41:44 PM	
5	8	Samit Ningapa Nirmalkar		Joined		5/31/2021, 3:28:31 PM	
59	9	Dhane Mukund Jayram		Joined		5/31/2021, 3:28:30 PM	
60	)	Laxmikant Jagtap		Joined		5/31/2021, 3:45:17 PM	
61		Kawadgave Dnyaneshwar Ankushrao		Joined		5/31/2021, 3:28:30 PM	
62		Pawar Mahesh Raju		Joined		5/31/2021, 3:28:33 PM	
63		Babar Prasad Vasant		Joined		/31/2021, 3:28:30 PM	
64		Ratnmala Pandit Lokhande		Joined		/31/2021, 3:41:44 PM	
65		Ghule Kanchan Prakash		Joined		/31/2021, 3:28:31 PM	
66		Makhare Daryaraj Sadhu	-	loined		31/2021, 3:28:30 PM	
67	1	Takankhar Vijayalaxmi Mahendra	]	oined		31/2021, 3:45:17 PM	
68	1	BANARASE SHUBHAM ARVIND		oined		31/2021, 3:28:30 PM	
69		BAVISKAR SUSHMITA DILIP		oined		31/2021, 3:14:34 PM	
70		Vrushali Shinde		pined		1/2021, 3:28:30 PM	
71	1	Kamble Adarsha Balkrishna	1	ined		1/2021, 3:41:44 PM	
72	72 Ware Manisha Ambadas		Joined		5/31/2021, 3:28:31 PM		
73	73 Amruta Kishor Kapse		Joined		5/31/2021, 3:15:58 PM		
74	74 Pornima Gaikwad		Joined		5/31/2021, 3:45:17 PM		
75	1	ondkar Smita Sahadev	Joined		5/31/2021, 3:28:30 PM		
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77	Ku	mbar Prakash Mahadev	Join	ed	5/31/	/2021, 3:28:30 PM	

Prof.(Dr.) Unde M G
Dean R & D





# COLLEGE OF ENGINEERING & RESEARCH, PUN

Research & Development Cell

**Expert Session on** Research and Publication Ethics



## Dr. Parikshit Narendra Mahalle

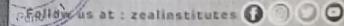
Senior Member IEEE Professor and Head, Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune

Date: 21/05/2021

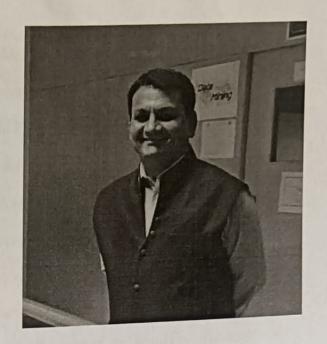
Time: 03.00 pm to 85.00 pm

Mode of lecture: Online, through Microsoft Teams

Unde M. G. Research & Developmentcell Dr. Kate A. M. **Principal** 





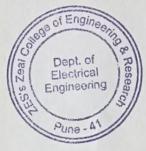


Dr. Parikshit Narendra Mahalle Senior Member IEEE Professor and Head, Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune

www.parikshitmahalle.com

Google Scholar: https://scholar.google.com/citations?user=44SjKmAAAAAJ&hl=en

- Professor and Head, Department of Computer Engineering, STES, SKNCOE, Pune
- Post Doc Researcher, at COMMUNICATION, MEDIA AND INFORMATION TECHNOLOGIES, Aalborg University, Copenhagen, Denmark.
- Ex-Chairman Board of Studies (Information Technology), Savitribai Phule Pune
- Subject Expert Computer Engineering, Research and Recognition Committee,
- Subject Expert Computer Engineering, Research and Recognition Committee, Sant Gadge Baba Amravati University, Amravati
- Member Board of Studies (Computer Engineering), Savitribai Phule Pune University
- Ex-Member, Academic Council, Savitribai Phule Pune University
- Ex-Member Board of Studies Coordination Committee (Computer Engineering), Savitribai Phule Pune University
- Member, Academic Council, Noida Institute of Engineering & Technology, Greater
- Member Board of Studies (Information Technology), Ramrao Adik Institute of Technology, Navi Mumbai
- Member Technical Committee- Savitribai Phule Pune University



- Member of Board of studies in Minor- Degree Certification Course in Artificial Intelligence and Machine Learning (AI & ML) at IT department, Government College of Engineering, Karad.
- Member Board of Studies (Computer Engineering), Vishwakarma Institute of Technology, Pune
- Member Board of Studies (Computer Engineering), Sardar Patel Institute of Technology, Mumbai
- Member Board of Studies (Information Technology), Vishwakarma Institute of Technology, Pune
- Member Board of Studies (Information Technology), Government College of Engineering, Karad
- Member Board of Studies (Computer Science and Applications), Sandip University, Nashik
- Member Board of Studies (Information Technology), K. J. Somayya College of Engineering, Mumbai.
- Member Board of Studies (Computer Engineering), Vishwakarma University,
- Member Board of Studies (Bachelor of Computer Applications Expert (Research)), D.Y. Patil International University, Pune.
- Member Board of Studies (Electronics and Computer Science), Yashwantrao Chavan Institute of Science, Satara.
- Ex-Member Board of Studies (Computer Engineering), Savitribai Phule Pune University

Phone: Mobile - +91-9822416316, +91 9307941193 Email: aalborg.pnm@gmail.com,pnmahalle@sinhgad.edu Home Page: www.parikshitmahalle.com

#### Summary:

I am passionate about teaching, learning and research. Interested to know and get acquaint myself with the concepts and technologies. I am self-learner, proactive team member and leader.

#### **Educational Profile**

- · Post Doc Researcher at CMI, Aalborg University, Copenhagen, Denmark
- Ph.D. in Wireless Communication from Aalborg University, Aalborg, Denmark on research problem statement "Identity management framework for Internet of Things (IoT)" – Ph. D awarded on 6<sup>th</sup> Nov 2013.
- M.E. (Computer Engineering) from University of Pune, Pune in 2007 with 70%.
- B.E. (Computer Science & Engineering) from Amravati University, Amravati in 2000 with 66.23 %.
- HSC from Nagpur Divisional Board, Nagpur in 1996 with 78.83%.
- SSC from Amravati Divisional Board, Amravati in 1994 with 86.57%.

Artificial ernment

- g. Design and Analysis of Algorithms: A Problem Solving Approach by Cambridge University Press - ISBN 978-93-85386-52-7, Published in 2016.
- 10. Discrete Mathematics by Technical Publications, Pune, India, ISBN 9789333211987, Published in 2016.
- 11. Fundamentals of Programming Languages-I by Tech Max Publications, Pune, India, ISBN 978-93-5224-252-8, Published in 2016.
- 12. Identity Management for Internet of Things by River Publications. ISBN 978-87-93102-90-3 (Hard Copy), 978-87-93102-91-9 (Ebook), Published in 2015.
- 13. Identity Management Framework for Internet of Things, CTIF, Aalborg University Press, Denmark, ISBN 978-87-7152-031-6, Published in 2013.
- 14. Data Structures and Algorithm with Behrouz Forouzan and Richard Gilberg by Ceengage Publications, ISBN 9788131511534, 8131511537, Published in 2010.
- 15. Handbook on Fundamentals of Programming Languages by Gigabyte publications,
- 16. Theory of Computations by Gigabyte publications, Pune.

1. Worked as a guest editor for Book titled Applied Machine Learning for Smart Data Analysis in the series of Computational Intelligence in Engineering Problem Solving

2. Worked as a guest editor for Book titled The Internet of Everything: Advances, Challenges and Applications for De Gruyter Series on the Internet of Things by De

3. Worked as guest editor for book titled Information and Communication Technology for Competitive Strategies of Proceedings of Third International Conference on ICTCS

4. Special issue by IGI global titles Security Issues and Privacy Threats in Ubiquitous 1799831043|EISBN13: **IBN13**:

5. Worked as guest editor for Springer book tiled Internet of Things, Smart Computing and Technology: A Roadmap Ahead ISBN 978-3-030-39047-1 published in published

in Springer series of studies in systems, decision and control. 6. Worked as guest editor for book titled, Applied machine learning for smart data

7. Worked as guest editor for book titled, The Internet of Everything: Advances, Challenges and Applications, 2019

Attended and worked as a member - Organizing Committee - International Telecommunication Union (ITU-T) Kaleidoscope event, Pune, India, 13-15 Dec 2010.

Dale Carnegie Certified Trainer for High Impact presentations by university of Cambridge.



#### Experience:

- Overall 21 years of experience
- Presently working as SPPU approved Professor and Head in Department of computer Engineering, Smt. Kashibai Navale College of Engineering, Pune – 41 till date.
- Worked as a university approved Assistant Professor, Department of Computer Engineering at Smt. Kashibai Navale College of Engineering, Pune – 41 since 23 Aug 2005 till date.
- Worked as a university approved Lecturer in Department of Computer Engineering at Vishwakarma Institute of Technology, Pune from 8<sup>th</sup> Aug-2000 to 20<sup>th</sup> Aug 2005.
- Worked as software developer in Vanquish Infonet, Kothrud, Pune from Jan-2000 to July- 2000.

#### Post Graduate Teaching Experience

- Recognized Ph. D guide of Savitribai Phule Pune University since 2017.
- Recognized PG teacher of University of Pune since 2010.
- Teaching subject Applied Algorithm and Convergence Technologies, Advanced Computer Networks, Network Design, Modeling and Analysis to ME computer Engineering and ME - Computer Engineering (Computer Networks) since 2010.

#### Honors and Awards:

- Recipient of BEST FACULTY AWARD by Sinhgad Technical Education Society in association with Cognizant Technology solutions in 2009.
- Working as a Reviewer for TMH and PEARSON and Oxford Press for the subject Design and analysis of Algorithm.

PhD Supervision: 02 Students Awarded, 07 Pursuing Citations: 1620, H-index – 18, i-10 index - 25

Google Scholar Profile: https://scholar.google.com/citations?user=44SjKmAAAAAJ&hl=en

He has authored 15 books on subjects like

- COVID 19 PUBLIC HEALTH MEASURES: An Augmented Reality Perspective by CRC Press in Focus Series, 2021, ISBN 9781032003634.
- 2. The Underwater World for Digital Data Transmission, Springer in SpringerBriefs, ISBN 978-981-16-1307-4, 2021
- 3. Data Analytics for Pandemics A COVID-19 Case Study by CRC Press, 2020.
- 4. Context-Aware Pervasive Systems and Applications, Springer Nature Singapore Pte Ltd. 978-981-32-9952-8, 2020.
- Internet of Things Integrated Augmented Reality, Springer nature, 978-981-15-6374-4, 2020.
- 6. Foundations of Data Science based Healthcare Internet of Things, Springer Singapore, 978-981-336-460-8, 2021.
- 7. Programming and Problem Solving, Tech-Neo Publications FE-SPPU
- 8. Programming using Python Tech-Neo Publications MSBTE.





## Membership Certificate

This is to certify that

## Zeal College of Engineering and Research, Narhe

is an Annual Member of Indian Green Building Council (IGBC)

Bearing Membership No IGBCIST210323

This certificate shall be valid up to December 2021

Waharaf K S Venkatagiri

Executive Director

**V** Suresh

Chairman Indian Green Building Council **Gurmit Singh Arora** 

Vice Chairman Indian Green Building Council

Indian Green Building Council

CII - Sohrabji Godrej Green Business Centre, Survey No. 64, Near Hitech City, R R Dist, Hyderabad - 500 084

T: +91 40 4418 5132 / 33 F: +91 40 4418 5189 E: igbc@cii.in W: igbc.in



Partner Country











#### IGBC's 19th edition **Green Building Congress 2021**

India's Annual Flagship Conference & Expo on Green Built Environment

Theme: 'Net Zero · Buildings and Built Environment'

Conference: 18 – 20 Nov 2021

Virtual Expo: 18 Nov -17 Dec 2021

ON CII HIVE Virtual Events Platform

### **IGBC Green Building Congress 2021** evokes excellent response.

CII's Indian Green Building Council hosted the 19th edition of 'Green Building Congress' on 18, 19 & 20 November 2021. The 3-day conference was held virtually on CII HIVE platform. The theme for Green Building Congress 2021 is 'Net Zero Buildings & Built Environment'

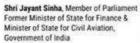
#### THE KEY HIGHLIGHTS OF GREEN BUILDING CONGRESS 2021:

- Address at Inaugural by H.E. Mr Alex Ellis, British High Commissioner to India, on 18 Nov 2021.
- 3-Day International Conference during 18 20 Nov 2021
- 30-day virtual Expo showcasing 500+ green building products and technologies from 18 Nov 17 Dec 2021.
- Parallel Conference on GreenPro on 20 Nov 2021.
- 7,000 + Registered delegates for Conference & Expo from 55 countries across the globe.
- 80+ Speakers for the conferences including 20+ International Speakers.
- Messages from Shri Hardeep Singh Puri, Hon'ble Minister of Housing and Urban Affairs; and Petroleum and Natural Gas, Government of India and Mr Durga Shankar Mishra, Secretary, Ministry of Housing and Urban Affairs, Government of India for the Green Building Congress 2021.
- Participation of United Kingdom as the Partner Country.
- Participation of 55+ Exhibitors at the 30-day Expo: 18 Nov 17 Dec 2021.
- The participation of World Green Building Council as a Supporting Partner and 18 Green Building Councils as Supporting Councils.
- IGBC Student Chapters Meet 2021
- IGBC Performance Challenge Awards 2021
- IGBC Green Design Competition 2021
- IGBC Green Champion Awards 2021
- Release of IGBC's Annual Review for the year 2020-21
- IGBC Launches IGBC Net Zero Waste Rating System for Buildings & Build-Environment IGBC's Guidance Framework for Net Zero Carbon Buildings

#### Glimpses of Green Building Congress 2021 - 18 - 20 November, CII HIVE Platform









CII-Sohrabji Godrej Green Business Centre & Chairman and Managing Director, Godrej & Boyce Mfg. Co. Ltd.



National Chairman Indian Green Building Council



Mr Gurmit Singh Arora National-Vice Chairman indian Green Building Council





#### • Academic Year 2020-21



## ZEAL EDUCATION SOCIETY'S ZEAL COLLEGE OF ENGINEERING AND RESEARCH NARHE | PUNE -41 | INDIA



Notice: Library Orientation Program

17 Aug 2020

We have scheduled the Library orientation program for all the students and staff from 17 Aug to 20 Aug 2020.

We request to all the departmental class teachers; please conformed your convenient time slot before 1 day of the Library orientation of your class.

Note: Please send your departmental staff members with these students batch for their library orientation.

(Mr. P. V. Pimpodkar) Librarian (Dr. A. M. Kate) Principal