

Report on

AVISHKAR – 2022

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A vishkar

C. D.

Hon, Director,

IQAC Cell, Savitribai Phule Pune University
Ganeshkhind, Pune,

Maharashtra 411007


Sub:- College level Avishkar-2022 conduction.

Dear Sir,

Thank you for giving the opportunity to conduct College level Avishkar-2022.

As per the directions given we are herewith submitting the report of College level Avishkar-2022.


ARC


Principal,

Attachments:-

1. List of the participants
2. Two Geo-tagged Photographs
3. One Video Clip
4. A3 size poster
- 5 Abstract

Received
27/09/2022
Savitribai Phule Pune University

: Founder : Dr. Patangrao Kadam (Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University) M.A., LL.B., Ph.D. Accredited with 'B+' Grade by NAAC in 2018 Id No. : PUN/ENGG/150/2000 • DTE College Code : ENG285

: I/C Principal : Prof.(Dr.) S. R. Patil Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 380 / 20 22-23 Date : 8/9/22

To, Dr. V.K. Bairagi, Professor, AISSM'S IOIT, Pune-43

Sub.- Invitation as an expert for College Level Avishkar-2022 on 8th September 2022.

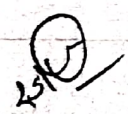
Dear Sir,


College Level Avishkar-2022 project computation is organized on 8th September 2022 at 9.00 am to 11 am at Bharati Vidyapeeth's College of Engineering for Women, Pune-43.


We will be obliged to have you as a subject expert and to scrutinize the projects to be send to the Zonal level.

We are sure that your expert knowledge will help us to scrutinize the potential projects.

Thanking You.


Dr. Vijaya Pawar
ARC


Prof. Dr. S.R. Patil
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune-43


V.K. Bairagi



BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

• Id No. : PU/PN/Engg./150/2000 • DTE College Code : EN6285

: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 381 / 20 22-23

Date : 8/9/22

To,

Dr. V.K. Bairagi,

Professor,

AISSM'S IOIT,

Pune-43


Sub:- Vote of Thanks

Dear Sir,

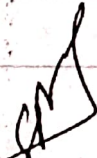
We express our profound Gratitude for accepting our invitation as an expert for College level Avishkar-2022-a prestigious project computation organized on 8th September 2022, organized at our institute. We are sure that your expert knowledge will help us to scrutinize the potential projects.

We Profusely thank you for sparing your valuable time and giving suggestions.

Thanking You.


Dr. Vijaya Pawar

ARC


Prof. Dr. S.R. Patil
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune 43


V.K. Bairagi

कीर्त पा. नं.

पावती नंबर

भारती विद्यापीठाचे
महिला अभियांत्रिकी महाविद्यालय

कात्रज-धनकवडी, पुणे - ४११ ०४३.

खर्चाची पावती

मा. प्राचार्य, महिला अभियांत्रिकी महाविद्यालय, कात्रज-धनकवडी, पुणे ४३, यांना,
पावती लिहून देणार सो./श्री. Dr. V. K. Baragi पत्ता

AJSSM'S IOIT

खाते

दिनांक 08/9/2022

तपशील	रुपये	पैसे
Honorarium for college level	1500	00.
AVPshkar - 2022.		
एकूण अक्षरी रुपये One thousand five Hundred पन्ना	1500	00.

वरील तपशीलाप्रमाणे खर्च रोख / चेकने मिळाली, आभारी आहोत. चेक नंबर

0017.

बँक

प्राचार्य

अर्कीट

सही

कीर्द पा. नं.

भारती विद्यापीठाचे

महिला अभियांत्रिकी महाविद्यालय

कात्रज-धनकवडी, पुणे - ४११ ०४३.

खर्चाची पावती

पावती नंबर

मा. प्राचार्य, महिला अभियांत्रिकी महाविद्यालय, कात्रज-धनकवडी, पुणे ४३, यांना,

पावती लिहून देणार सो./श्री. Dr. A.S. Ghotkar. PICT. पत्ता

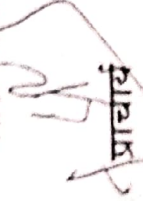
खाते Information Tech.

दिनांक / / २०

PICT

तपशील	रुपये	पैसे
Remomration for Avishkar 2022-23	1500/-	00
Project presentation (Computer Dept.)	SS	SS
एकूण अक्षरी रुपये	One thousand & Five hundred.	फक्त 1500/- 00

वरील तपशीलाप्रमाणे रकम रोख / चेकने मिळाली, आभारी आहोत. चेक नंबर _____ नँक


प्राचार्य

अर्कोटंट

सही



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg/150/2000 ● DTE College Code : EN6285 ● Reg. No. : 740-69-009 (NDEG-APR) ET/2000

: Founder :
Dr. Patangrao Kadam

M.A., LL.B., Ph.D.

: I/C Principal :

Prof.(Dr.) S. R. Patil

Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV/COEW/378/2022-23

Date : 8/9/22

To,

Dr. Archana Ghotkar,

Professor,

Pune Institute of Computer Technology,

Pune-43

Sub:- Invitation as an expert for College Level Avishkar-2022 on 8th September 2022.

Dear Madam,

College Level Avishkar-2022-a prestigious project computation is organized on 8th September 2022 at 2.00 pm to 4.00pm at Bharati Vidyapeeth's College of Engineering for Women, Pune-43.

We will be obliged to have you as a subject expert and to scrutinize the projects to be send to the Zonal level.

We are sure that your expert knowledge will help us to scrutinize the potential projects.

Thanking You.

Dr. Vijaya Pawar

ARC

Prof. Dr. S.R. Patil

I/C PRINCIPAL

Bharati Vidyapeeth's

College of Engineering For Women,
Katraj, Dhankawadi, Pune-43

Atty.

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatvidyapeeth.edu

Website : <http://coewpune.bharatvidyapeeth.edu>



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

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: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV/COEW/379/2022-23

Date : 8/9/22

To,
Dr. Archana Ghotkar,
Professor,
Pune Institute of Computer Technology,
Pune-43


Sub:-Vote of Thanks


Dear Sir,

We express our profound Gratitude for accepting our invitation as an expert for College level Avishkar-2022-a prestigious project competition organized on 8th September 2022 organized at our institute. We are sure that your expert knowledge will help us to scrutinize the potential projects.

We profusely thank you for sparing your valuable time and giving suggestions.

Thanking You.


Dr. Vijaya Pawar
ARC


Prof. Dr. S. R. Patil
I/C PRINCIPAL
Bharati Vidyapeeth's
College of Engineering For Women,
Katraj, Dhankawadi, Pune-43



Bharati Vidyapeeth's College of Engineering for Women, Pune-43

College Level Avishkar-2022

Evaluation Form

Name of the Department: - Information Technology

Date 8/9/2022

Venue :203-Network Laboratory

Time: 11:00 am

Sr. No	Title of the Project	Relevance 20M	Methodology adopted 20M	Contribution 20M	Innovativeness 20M	Outcome 20M	Total 100M
1	Detection of Dyslexia, Autism, and ADHD in school going children using Artificial Intelligence.	19	19	19	19	17	93
2	Sign Language Recognition based on Hand Symbol using Machine Learning.	19	19	19	17	15	89
3	Detecting the psychological impact of online games and social media using Artificial Intelligence.	19	18	19	19	17	92
4	Crop recommendation based on soil analysis using Machine Learning.	18	18	19	17	15	87
5	Automated Stress detection by applying deep learning techniques on Video and Audio.	17	19	19	18	18	91

V. G. Dixit

Prof. V. G. Dixit

P.E. S. Modern College of Engineering

(Name of the expert and Sign)

College Level Avishkar-2022

Evaluation Form

Name of the Department:- E&TC Engineering

Date 08/09/2022

Sr. No	Title of the Project	Relevance 20M	Methodology adopted 20M	Contribution 20M	Innovativeness 20M	Outcome 20M	Total 100M
1	Kidney stone prediction using neural network.	15	16	10	10	-	51
2	Sign boards-signal detection and speed control vehicle using image processing with Raspberry pi	17	17	10	12	-	56
3	Voice Control door locking system and LPG leakage detector	18	17	10	13	-	58
4	Music Recommendation based on face emotion Recognition.	14	12	8	10	-	44
5	Real Time Eye Blinking for password Authentication with Retina recognition	10	10	8	8	-	36
6	melanoma skin cancer detection using Image processing and deep learning	15	15	8	9	-	47
7	Real time face mask detection	15	15	10	15	-	55



Name of the expert and Sign

College Level Avishkar-2022

Evaluation Form

Name of the Department:- Computer Engineering

Date 8/9/2022

Sr. No	Title of the Project	Relevance 20M	Methodology adopted 20M	Contribution 20M	Innovativeness 20M	Outcome 20M	Total 100M
1	Prediction of Stock Price Using Sophisticated Machine Learning Techniques	16	17	15	18	19	85
2	PERSONALITY PREDICTION ON CV & TWEET USING MACHINE LEARNING.	16	17	15	18	17	83
3	BREAST CANCER DETECTION	16	17	15	17	15	80
4	COMBINING SATELLITE IMAGERY FOR POVERTY PREDICTION	16	15	15	17	15	78
5	ANIMAL DETECTION AND IDENTIFICATION USING DEEP LEARNING	18	18	16	18	19	88
6	SIGN LANGUAGE GESTURE RECOGNITION FROM VIDEO SEQUENCES.	19	19	16	18	19	90

Name of the expert and Sign

Dr. A. S. Ghotkar

Aty.

P. + kulkarni

College Level Avishkar-2022

Evaluation Form

Name of the Department:- E&TC Engineering

Date 08/09/2022

Sr. No	Title of the Project	Relevance 20M	Methodology adopted 20M	Contribution 20M	Innovativeness 20M	Outcome 20M	Total 100M
1	Performance Evaluation of compact high efficiency circularly polarized cavity backed substrate Integrated	16	17	17	16	17	83
2	waveguide monopole Tracking Antenna						
3							
4							
5							
6							
7							



Name of the expert and Sign

Computer Engineering Department
A.Y. 2022-23, Sem-I

BE Project Groups selected for Avishkar presentation

Group . no.	Sr. No.	Student Name	Project Title
2	1	Bipali Gade	Sign Language Gesture Recognition from Video Sequences
	2	Sejal Dahake	
	3	Veena Gayathri	
	4	Nashia Fatema	
3	5	Komal Dudhane	Wild Animal detection and Identification using deep learning
	6	Shreya Dawghat	
	7	Anushka Deshmukh	
	8	Sharwari Deshmukh	

S. M. J.
Project.
Co-ordinator

+ P. Pratik G.
HOD Computer

Computer Engineering Department

A.Y. 2022-23, Sem-I

BE Project Group list shortlisted for department level Avishkar presentation

Group no.	Sr. No.	Student Name	Project Title
1	1	Sakshi Phatak	Breast Cancer Detection
	2	Sukhpreet Kaur	
	3	Siddhi Thopate	
	4	Divya Maske	
2	5	Bipali Gade	Sign Language Gesture Recognition from Video Sequences
	6	Sejal Dahake	
	7	Veena Gayathri	
	8	Nashia Fatema	
3	9	Komal Dudhane	Wild Animal detection and Identification using deep learning
	10	Shreya Dawghat	
	11	Anushka Deshmukh	
	12	Sharwari Deshmukh	
4	13	Kriti Sharma	Personality classification on Curriculum Vitae and Twitter post using Machine Learning
	14	Shreya Lodhi	
	15	Shreya Sahu	
5	16	Aishwarya Kottapalli	Prediction of stock price using sophisticated machine learning techniques
	17	Suhasi Gadge	
	18	Piyusha Patil	
	19	Shital Patil	
6	20	Vaishnavi Bankar	Combining satellite imagery for poverty prediction
	21	Priya Raut	
	22	Payal Salunkhe	
	23	Shreya sonawane	

F. Me
Project
Co-ordinator.

P. Hanu. K. Kale
HOD Computer

Bharati Vidyapeeth's College of Engineering for Women, Pune-43

Avishkar 2022

REPORT

As per the guidelines issued by IQAC, SPPU, Pune College level Avishkar is conducted at Our institute.

Prof. Dr. V.K.Bairagi, Professor, AISSMSIOIT, Pune, and Prof. Dr. Archana Ghotkar, Associate Professor, IT Dept. PICT were invited as an expert resource person for E&TC Engg. and Computer / IT projects evaluation. 6 projects are shortlisted from 14 projects for the zonal level.

Dr. Bairagi elaborated the importance of Avishkar Participation and delivered a brief guideline about do's and don'ts of poster making. Dr. V.R. Pawar ARC coordinated the event in association with Department In-Charge, Prof. Dr. S.A.Dhole, Prof. Dr. Malgi K.A. and Prof. Kulkarni Vinaya.

Prof. Dr. S.R.Patil congratulated the Students and offered best wishes for further Avishkar journey.



Dr. Vinayak Bairagi's Post

[Dr. Vinayak Bairagi](#)

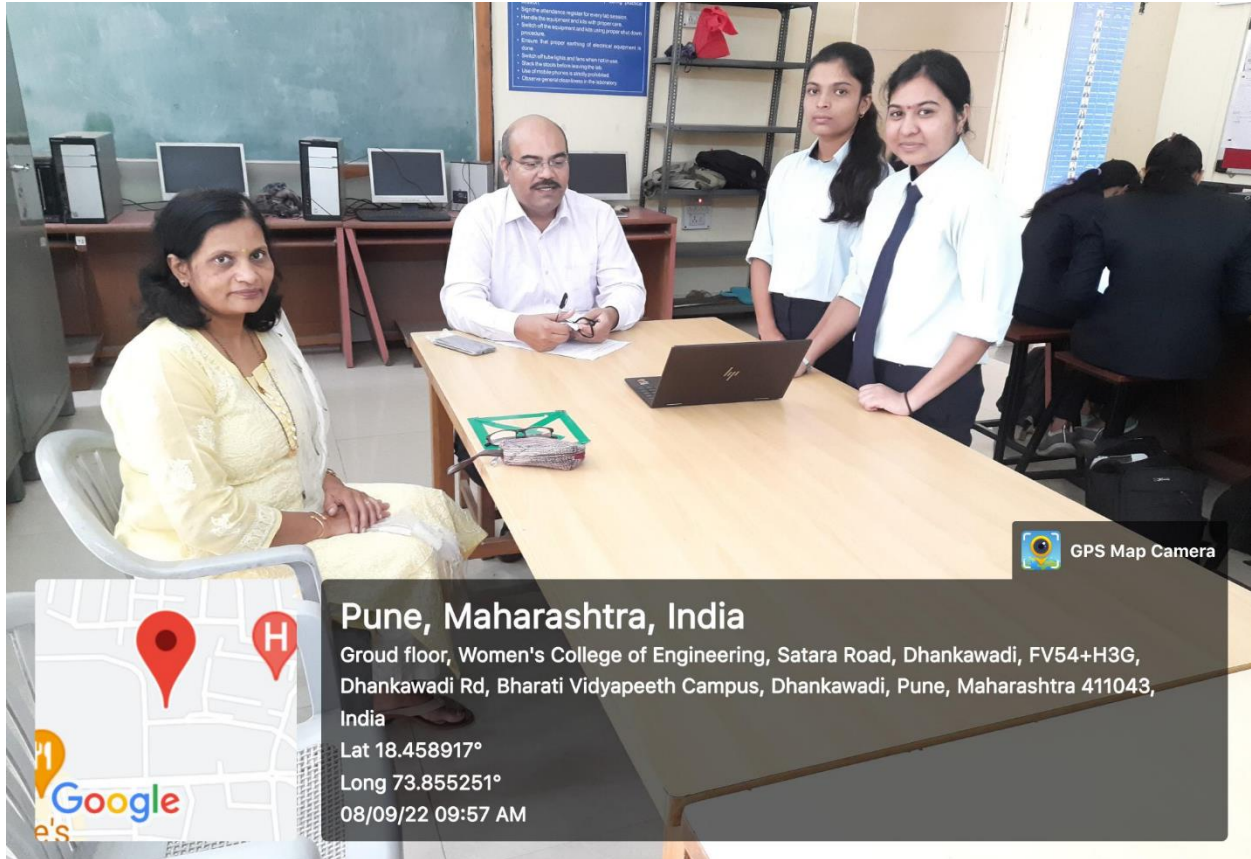
19h

Avishkar : Celebrating Innovations ! AVISHKAR is Inter-University Research Project Competition for UG/PG/Doctoral students. Its honor for me to judge the Institute level round of Avishkar 2022, conducted at BVCOEW, Pune. In the First Round, all contestants have displayed their posters before a panel of judges. [#Avishkar](#) [#innovation](#) [#project](#) [#competition](#) [#researchproject](#) [#judges](#) [SANDIP PATIL](#) [Kashid vijaya](#) [Savitribai Phule Pune University](#) [Sanjay](#)

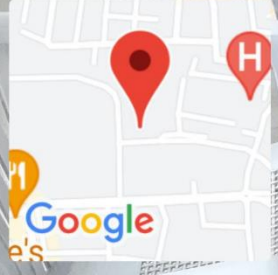
[Bhilegaonkar](#)



[20 6 Comments](#)



GPS Map Camera



Pune, Maharashtra, India

Groud floor, Women's College of Engineering, Satara Road, Dhankawadi, FV54+H3G,
Dhankawadi Rd, Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043,
India

Lat 18.458917°

Long 73.855251°

08/09/22 09:57 AM