Dr. Y.V.Parkale

Associate Professor & HOD
E&TC Department
SVPM's College of Engineering, Malegaon(Bk.)

Dr.R.R.Gidde

Associate Professor Department of Mechanical Engineering SVERI College of Engg., Pandharpur

Prof.A.V.Lavnis

Assistant Professor BMIT, Solapur

Dr. S.S. Wangikar

Associate Professor IQAC Coordinator and Innovation Ambassador, SVERI College of Engg., Pandharpur

Dr.S.G.Dixit

Head of Department Department of English Mudhoji College, Phaltan

Chief Patron

Hon.Shreemant Ram Raje Naik Nimbalkar (President Phaltan Education Society) Hon.Shreemant Raghunath Raje Naik Nimbalkar (Chairman Phaltan Education Society)

Hon.Shreemant Sanjeev Raje Naik Nimbalkar (Secretary Phaltan Education Society)

Patron

Principal. Arvind S. Nikam (Administrative officer Phaltan Education Society)

Prof.Dr.N.G.Narve (Principal College of Engineering Phaltan)

Convener

(H.O.D. Computer Engineering Dept.) (9975696396)

Organizing Committee

Prof.S.V.Kalel

(IQAC Head & H.O.D. S&H Dept. Degree) **Prof.Mrs.D.S.Bhoite**

(H.O.D. Civil Engineering Dept.Degree)

Prof.G.V.Thombare (H.O.D. Mechanical Engineering Dept.Degree)

Prof.A.A.Ranaware (H.O.D. ENTC Engineering Dept.Degree)

Prof.D.J.Sangle
(H.O.D Mechanical Engineering Dept.Diploma)

Prof.M.M.Gargade
(H.O.D ENTC Engineering Dept.Diploma)





An Education Empowered by Industry...
Phaltan Education Society's

College of Engineering
NAAC Accredited With B+
Approved by AICTE, New Delhi
DTE Maharashtra
Affiliated to DBATU Lonere, Raigad

One Week Faculty Development
Program
"Guidance to Research"
(Hybrid Mode)

10th January to 15th January 2024



Website: - www.coephaltan.edu.in Email: - coeprincipal@yahoo.co.in

About Society & Institute

College of Engineering, works under umbrella of Phaltan Education Society, which was established in the Year 1951 by Shreemant Malojiraje Naik Nimbalkar with the dream of holding the hands of students in rural area around Phaltan.

In 2011, AICTE gave approval to PES's College of Engineering with degree Engineering college having 4 branches. PES's COE. presently institute has 5 UG courses including Artificial Intelligence and Data science. In 2013 Diploma Egg college was opened under PES's COE with 2 branches, From this year Diploma in Computer and Civil Engg. started. College is spread over 14.8 acers of

PES's COE is NAAC accredited in 2018. We are having 100 teaching and non-teaching staff with more than 1000 students. Our beloved management is particular about development of skills to students through training activities throughout the year in planned manner.

institute has young and dynamic faculty members, adequate infrastructure which includes smart soard enabled Stepped Classrooms, Well Equipped Laboratories, Library with Reading Hall, Internet Facility, Training and Placement Fall and Seminar Halls. Institute provides ransportation, Gymkhana, Canteen and Parking acilities to the all stakeholders.

restrute have FOSS Lab and E- Yantra Lab rensored by IIT Mumbai. Capgemini Digital reademy is stared in A.Y. 2022-23 which helps tradents to enhance their knowledge. In addition to chaical knowledge our students inculcate social esponsibility, through various extension and

Objectives of FDP

- Enhancing Participants understanding of the basic of Research Methodology
- Establish synergies among different forms of intellectual property Rights amongs the reseachers
- To Introduce the Journey of Reseach and best practices in Research
- Enhancing Publication Awarence and various indexing aspects
- Inproving Profestional and Reseach Ethics

Eligibility

Faculty / Research Scholars / PG Scholars from AICTE approved Institute are eligible to apply.

Guidelines

- Rs. 200/- Registration Fee.
- 2. Last Date of Registration 09 january 2024.
- 3. Session time will be 11.00 am onwords & 2.00pm onwords.
 - 2.00pm circuit.
 4. FDP will end with certification exam.
- 5. Candidate who will clear the exam and maitain 90 % attdendence for FDP will get the certificate

FDP Topics

- How to write Research Paper.
- Optimization Techniques in Research and Innovation & Publishing your Research A Success of Reseach Journey.
- Publication importance and indexing
- > Importance of Professional and Reseach

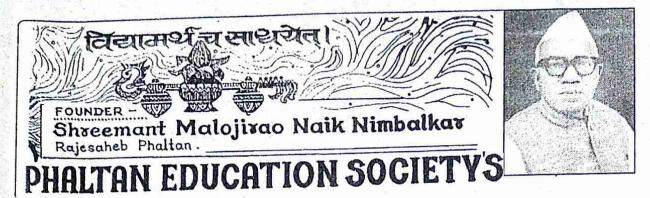
Ethics

FOR MORE DETAILS CONTACT Prof. Amit T. Bhosale: 7083791521 Prof. S.D.Patole: 7020610208 Prof. Mrs. D.G.Bankar: 8080590458

Registration Link

https://docs.google.com/forms/d/e/1FAIpQLSdr2E Vq0mdPqM3vWpDyUdAxujAT5mL21i-Pk4JUVSZtYG8b5Q/viewform?usp=sf_link





(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523

E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S. Prof.Dr. N. G. Narve Principal

Ref. No.: COE-812/2023-24

To.

Prof. Dr. Shailendrakumar M. Mukane. Principal, SVPM's College of Engineering, Malegaon(Bk), Baramati.

Subject: Invitation a Chief Guest for Faculty Development Program

Dear Sir,

We humbly invite you as our esteemed chief guest at the inaugural ceremony of faculty development program with title" Guidance to Research" on 10th January 2024, at 10.15 am.

Your Graceful presence at the inaugural ceremony as a Chief Guest will be a source of inspiration for the Research scholars. You are kindly requested to accept our invitation.

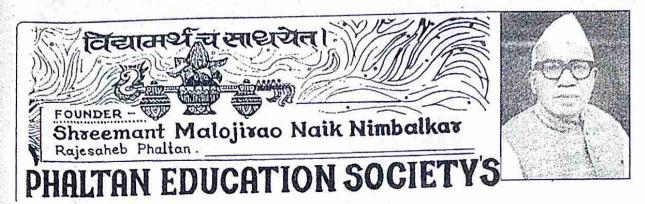
Looking forward to your kind response.

Received



Prof.Dr.N.G.Narve

College of Engineering Phaltar, Dist. Satara (M.S.)



(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523 Website: www.coephaltan.edu.in

E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in

Prof.Dr. N. G. Narve

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.

Date:

Principal

Ref. No.: COE- 8 43 1 2023-24

To,

Prof. Dr. Shailendrakumar M. Mukane.

Principal,

SVPM's College of Engineering,

Malegaon(Bk), Baramati.

Sub: Letter of Appreciation.

Dear Sir.

I would like to acknowledge and extend my heartfelt gratitude for your presence as a Chief Guest for Faculty Development Program with title "Guidance to Research".

We are very pleased with your Keynote Speech. We sincerely appreciate your responsiveness to have with us despite of your busy schedule.

I believe that your message will definitely stimulate competency of our participants to an incredible height and help to open multi-dimensional doors of opportunity to shape their carrier. I look forward to a continuing collaboration with you.

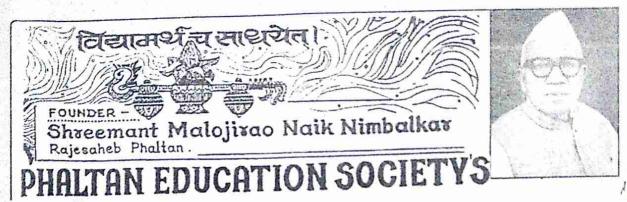
It has been a very nice experience with you.

Thanking You.

peceive.

Prof.Dr.N.G.Narve College of Engineering

Phaltan, Dist. Satara (M.S.)



(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

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E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in Webs

Website: www.coephaitan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P.E.S. Prot.Dr. N. G. Narve Principal

Ref. No. : COE-424/2013-24

Date: 8 | | |202 Z

To,
Prof. A.K. Lavnis
Assistant Profession,
Department of Mechanical Engineering,
BMIT, Solapur.

Subject: - Invitation as a Resource Person for FDP on "Guidance to Research"

Dear Sir.

On behalf of Phaltan Education Society's College of Engineering, I would like to cordially invite you to serve as Resource Person for Two session of one week faculty development program from 10th January 2024 to 15th January 2024 on FDP topic "Guidance to Research" with your subject "Introduction to Intellectual Property Rights" using Offline mode on 10th January 2024 at 10.30 am. The session will start from 11:00 am morning and 2:00 pm in afternoon. I would be grateful, if you accept the invitation and take part in the faculty development program and share your expertise on the topic to our participants. Your knowledge would be an excellent addition to our participants.

Please feel free to contact and I will be in touch with your office in coming days to inquire about your availability.

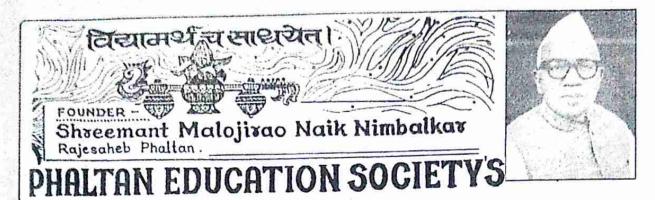
I look forward to your response.

With kindest regards,

Prof. Dr.M. Q. Narve Principal P.E.S's

College of Engineering

Received Artaris



(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai) Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal. Phaltan, Dist. Satara Pin 415 523

Website: www.coephaltan.edu.in E-mail: pes.coeprincipal2011@gmail.com/coeprincipal@yahoo.co.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.

Prof.Dr. N. G. Narve Principal

202 4

Date: 9

Ref. No.: COE-839/2023+24

To.

Prof. A.K. Lavnis Assistant Professor, Department of Mechanical Engineering, BMIT, Solapur.

Sub: Letter of Appreciation.

Dear Sir,

I would like to acknowledge and extend my heartfelt gratitude for your presence as a resource person for Faculty Development Program with title "Guidance to Research".

We are very pleased with your session on Introduction to Intellectual Property Rights. We sincerely appreciate your responsiveness to have with us despite of your busy schedule.

I believe that your lecture will definitely stimulate competency of our participants to an incredible height and help to open multi-dimensional doors of opportunity to shape their carrier. I look forward to a continuing collaboration with you.

It has been a very nice experience with you. Thanking You.

Principal

College of Engineering Phaltan, Dist. Satara (M.S.)

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

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Topic Covered in FDP: "Introduction to Intellectual Property Rights"

Date and Time of FDP: 10/01/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Prof. A. K. Lavnis

Assistant Professor, Department of Mechanical Engineering, BMIT, Solapur

Education Qualifications: -

BE - Mechanical

ME - Mechanical Design

DBM - Diploma in Business Management

ADBM - Advance Diploma in Business Management

MBA PhD* - Pursuing

Industry experience - 12 years

MICO Bosch, Kirloskar, SEACO

Teaching experience - 14 years

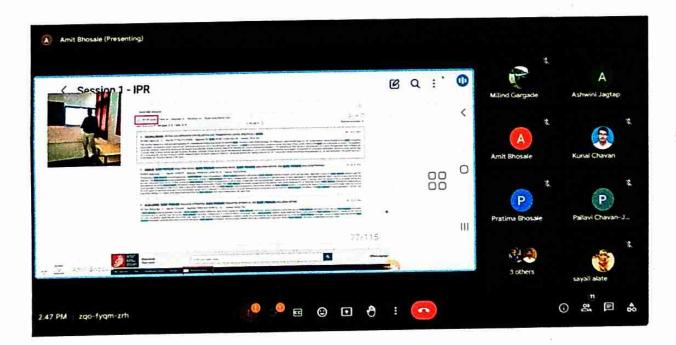
Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	71	11	60

Write briefly about session topic delivered:

INTRODUCTION

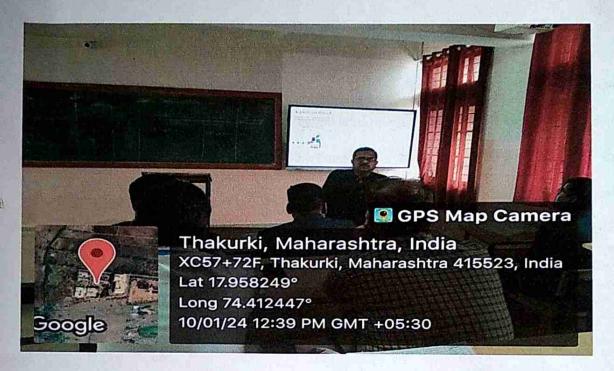
Intellectual property (IP) pertains to any original creation of the human intellect such as artistic, literary, technical, or scientific creation. Intellectual property rights (IPR) refers to the legal rights given to the inventor or creator to protect his invention or creation for a certain period of time. These legal rights confer an exclusive right to the inventor/creator or his assignee to fully utilize his invention/creation for a given period of time. It is very well settled that IP play a vital role in the modern economy. It has also been conclusively established that the intellectual labour associated with the innovation should be given due importance so that public good emanates from it. There has been a quantum jump in research and development (R&D) costs with an associated jump in investments required for putting a new technology in the market place. The stakes of the developers of technology have become very high, and hence, the need to protect the knowledge from unlawful use has become expedient, at least for a period, that would ensure recovery of the R&D and other associated costs and adequate profits for continuous investments in R&D..



Trainer giving introduction about Intellectual property.







Trainer giving introduction about Intellectual property.

Learning outcomes

- Learners should gain a comprehensive understanding of what constitutes intellectual property, encompassing artistic, literary, technical, and scientific creations.
- The overview encourages critical thinking on how IPR, by protecting investments and innovation, contributes to the economic development of a country. fostering
- Learners should understand the link between IPR, healthy competition, and industrial development. IPR is portrayed as a mechanism that encourages innovation while maintaining a competitive and evolving industrial landscape

Convener

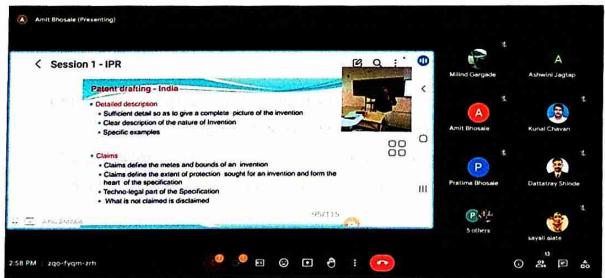
Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Prof.Dr.N.G.Narve

Other types of industrial property are protected primarily to stimulate innovation, and the creation of technology. In this category fall inventions (protected by patents), industrial designs and trade secrets. The social purpose is to provide protection for the results of investment in the development of new technology, thus giving the incentive and means to finance research and development activities. A functioning intellectual property regime should also facilitate the transfer of technology in the form of foreign direct investment, joint ventures and licensing. The protection is usually given for a finite term (typically 20 years in the case of patents). While the basic social objectives of intellectual property protection are as outlined above, it should also be noted that the exclusive rights given are generally subject to a number of limitations and exceptions, aimed at fine-tuning the balance that has to be found between the legitimate interests of right holders and of users.



Trainer giving introduction about Intellectual property rights.





Trainer giving introduction about Intellectual property rights.

Learning outcomes

- 1. Learners should be aware that the World Intellectual Property Organization (WIPO), based in Geneva, coordinates all activities related to the PCT.
- 2. Learners should recognize the advantage of the search report prepared under the PCT system, providing inventors with information about the novelty of their claimed invention.
- 3. The information underscores the international collaboration facilitated by the PCT, showcasing a global effort to streamline patent procedures and promote innovation on an international scale

Convener

Dean Quality Assurance

Mr.A.A.Hipparkar

Mr.S.V.Kalel

rincipal

Prof.Dr.N.G.Narve

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning (11.00 om - 01.00 pm) Date: 10/1/2024

Sr.No	Name	College Name	Sign
1	Prof. Amit T. Bhosale	PES'S COE Proltan	Alale
	Prof. Pallavi S. Jadhav	PES'S COE, phaltan	Phavair.
3	Prof.Ms. Dipoli D. Jadhav	PES'S COE Phaitan	Fodno
4	Pred. Ms. N. N. Ingala	PES's COE Phaltan	Dial
5	Poot miss- S.B. Gavali.	PES'S COE Phatan	Pavau
	Prof. S. P. Kadam	PE'S COE Phaltan	A.
7	Prof. P. (. Bhosale.	PB's COE Phaldan	0=
8	Prof. S.H. Chavan	PES's cof Pholtan	Chat.
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13	Prof. Shivani R. Devkaz	PES's COE, Phaltan	Strand
	Prof. Ms. Gaixwad J.D.	PESS COE, Phatan	Darroad!
15	Prof. M.G. Khandalkae	PES's COE, Phattan	
16	Prof. P.s-Dhaygude	PES's COE, Phaltan	Ar_
17	Pro. F. R. R. Mathpahi	PE'S COE, Phaltan	@enquh:
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20	Mr. R.S. Pharante	PES'S COE	Bolin
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23	Prof. C.M. Gorad	PES's, COE, Phalton	grant.
24	Prof-S.T-Kode	PESS COE, Phalfan	
25	Prof. D.J. Songale	PES'S COE Phalton	Lammywh

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34	Mrs. A. H. Tadhay	BES's COF, Phylton	Machay
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Phaltan Education Society's College of Engineering , Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session:

Date: 10/1/2024

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5	M. D. Bankar	PES's COE, pholtan	May.
6	V. V. Gundage	PESS, COE	Polse
7	R.R. Mathpah	PES'S COE Phaltan	Religion'
8	Jadhar Dipali D.	PES'S COE Phaitan	Eagl
9	mr. Dhanshri S. Bhoite	PESIS COE	1800)
10	Mrs. S.D. Mohite (entc)	PES'S, COE	Shoull.
11	miss. s. B. Gavali	PE'S COE	Govani
12	Ms. H. H. Ingale	PES's COE Phaltan	Elan
	ms. P. T. Nale	PES'S COE Phatan	Potale
	Mrs. P. s. Bozate	PES'S COF Phaton	Books
15	Ms. R.C. Salunkhe	PES'S COE Phalton	Defuns
16	MH. A.k. Dudhal	PES'S COE	Aduelhal
17	Me. P. 1. Bhosalo	PES's COE Phaltan	18/-
18	Mos. J. S. Tlekar	PES'S COE	Mular
19	ME N. B. Bhujbal	PES'S COE	ghui
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21	Sayali S. Alate.	PESS COE Phaldan.	SSAlate.
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23	Hirrarkar A-A	PES'S COE, Phaltan	JJH1
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29	R.A. lad		PES COE	, phaltan	Ribia
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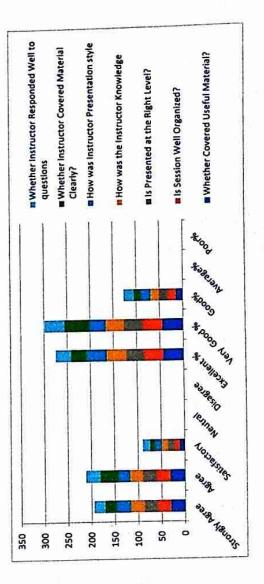


Department of Computer Engineering College of Engineering, Phaltan

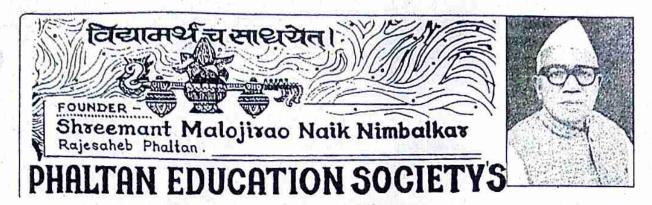
Feedback Analysis Report on Faculty Development Program

Academic Year 2023-24

	Total Faculties:71										
Sr.No.	Statements	Strongly Agree	Agree	Satisfactory	Neutral	Disagree	Excellent %	Very Good %	%poo9	Average%	Poor%
1	Whether Covered Useful Material?	30	31	01	0	0	42	44	14	0	0
2	Is Session Well Organized?	29	0ε	12	0	0	41	42	17	0	0
m	Is Presented at the Right Level?	87	53	14	0	0	39	41	20	0	0
4	How was the Instructor Knowledge	30	28	13	0	0	42	39	18	0	0
5	How was Instructor Presentation style	31	25	15	0	0	44	35	21	0	0
9	Whether Instructor Covered Material Clearly?	23	38	10	0	0	32	54	14	0	0
7	Whether Instructor Responded Well to questions	24	31	16	0	0	34	4	23	0	0







(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)
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Hon. Shreemant Sanjivraje Nalk Nimbalkar Secretary, P. E. S. Prof.Dr. N. G. Narve

Principal

Ref. No.: COE- 825 12025-24

Date: \$ | | |202 K

To,
Dr. Y. V. Parkale
Associate Professor & HOD
E&TC Department
SVPM's College of Engineering, Malegaon(Bk.)

Subject: - Invitation as a Resource Person for FDP on "Guidance to Research"

Dear Sir.

On behalf of Phaltan Education Society's College of Engineering, I would like to cordially invite you to serve as Resource Person for Two session of one week faculty development program from 10th January 2024 to 15th January 2024 on FDP topic "Guidance to Research" with your subject "A Success of Reseach Journey "using Offline mode on 11th January 2024 at 10.30 am. The session will start from 11:00 am morning and 2:00 pm in afternoon. I would be grateful, if you accept the invitation and take part in the faculty development program and share your expertise on the topic to our participants. Your knowledge would be an excellent addition to our participants.

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I look forward to your response.

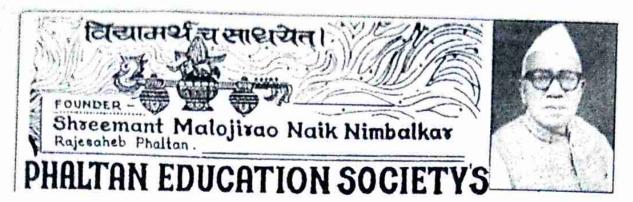
With kindest regards,

Seleved

Or Phanas Olar Salam (1)

Prof.Dr.N.G.Narve

College of Engineering Phaltan Dist. Satara (M.S.)



(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523

E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar-

Secretary, P. E. S.

Prof.Dr. N. G. Narve

202 2

Principal

Date: 9 / / 120

Ref. No.: COE-844/2023-24

To,

Dr. Y. V. Parkale
Associate Professor & HOD
E&TC Department
SVPM's College of Engineering, Malegaon(Bk.)

Sub: Letter of Appreciation.

Dear Sir.

I would like to acknowledge and extend my heartfelt gratitude for your presence as a resource person for Faculty Development Program with title "Guidance to Research".

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I believe that your lecture will definitely stimulate competency of our participants to an incredible height and help to open multi-dimensional doors of opportunity to shape their carrier. I look forward to a continuing collaboration with you.

It has been a very nice experience with you. Thanking You.

Trained

O S S TALL MINE S

Prof.Dr.N.G.Na ve

College of Engineering Phaltad Dist. Satara (M.S.)

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "A Success of Research Journey"

Date and Time of FDP: 11/01/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Dr. Y. V. Parkale

Associate Professor & HOD

E&TC Department

SVPM's College of Engineering, Malegaon (Bk.)

Participation:

1
1

Sr. No.	No. of Faculties Participated	Online	Offline
1.	69	10	59

Write briefly about session topic delivered:

INTRODUCTION

The introduction serves multiple purposes. It presents the background to your study, introduces your topic and aims, and gives an overview of the paper. A good introduction will provide a solid foundation and encourage readers to continue on to the main parts of your paper—the methods, results, and discussion. The purpose of using the metaphor of a journey is to stress the fact that whilst the outcome is important, the life changing, mind changing part is the process of the

research and the writing itself. It is a unique journey experienced differently by every research supervisee and supervisor. Provide the employer details about your role in the research project. Describe the research itself and results from the research. Specify the nature of the research, for example, if you collected data or conducted experiments. Remember to share if the research was published or other accomplishments. The introduction is often the most important chapter of your paper because it lays out what you want to accomplish and how. The introduction should have a broad view of the topic, establishing how it relates broadly with other topics in its field.



Trainer giving introduction about Research Journey.

Learning outcomes

1 Research Skills: Through active involvement in the research project, individuals develop and refine their research skills

- 2 Analytical Thinking: The process of developing an introduction involves critically analyzing the background, context, and relevance of the research topic
- 3 Effective Communication: Crafting an introduction requires clear and concise communication. Individuals learn to convey complex ideas in a manner accessible to a diverse audience, enhancing their overall communication skills.

SS

Convener

Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

Prof.Dr.N.G.Narve

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "A Success of Research Journey"

Date and Time of FDP: 11/01/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Dr. Y. V. Parkale

Associate Professor & HOD

E&TC Department

SVPM's College of Engineering, Malegaon (Bk.)

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	69	10	59

Write briefly about session topic delivered:

A research project can only be a success if it is sufficiently embedded in existing literature and knowledge on the subject. This can be achieved by doing a complete and coherent literature review. The Keys to Success Research is often interdisciplinary. Think broadly about your topic: then narrow and refine the focus. Keep a record of everything you find and where and how you find it. The strongest point in my research is the meticulous attention to validity and reliability. which can make the difference between good research and poor research and help assure that fellow scientists accept findings as credible and trustworthy. A clear research topic, an acceptable technique, trustworthy data, and an impartial interpretation of findings are just a few of the variables that contribute to a good research output. Success also depends on working together with others, asking for help and support, and being persistent.

Excellence in research needs continuous efforts for development and growth, otherwise it can quickly wither and die. The only way to achieve and maintain excellence at the institutional level is by creating a culture in which quality of research is the one and only driving force. Good quality research provides evidence that is robust, ethical, stands up to scrutiny and can be used to inform policy making. It should adhere to principles of professionalism, transparency, accountability and auditability. Research improves services and treatments not just for you but also for future generations. It helps develop new tests for diagnosis, treatments and processes that could eventually help your children, or even your grandchildren. You may gain access to treatments that are not yet readily available to the general public.



Trainer teaching the concepts of research project.

Learning outcomes

1 Critical Reflection: The metaphor of a journey emphasizes the transformative nature of the research process.

- 2 Publication and Dissemination Skills: If the research is published, individuals learn about the process of submitting work for publication, navigating peer review, and disseminating research findings to a broader audience.
- 3 Interdisciplinary Understanding: Crafting an introduction that establishes connections with other topics in the field promotes an interdisciplinary understanding.

Dean Quality Assurance

Mr.A.A.Hipparkar

Mr.S.V.Kalel

Principal

Phaltan Education Society's College of Engineering , Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning

Date: 11/01/2024

Sr.No	Name	College Name	Sign
1	Prof. A.T. Bhosele	PES's COE, Phalton	state.
	Prof. Soyali 5 Alate	PES's COF, Pholtun	SSALATE
3	Prof. Pallari S. Jadhar	PES's COE, Phaltan	Phavar
	Prof. M.G. Khandalkar	PES'S COE Phaltan	Note
	Prof. Shraddha D. Mohite	PES's COE Phaltan	Should
1000	Prof. Amruta S. Tarate	PES's COE Phaitan	amle
7	Prof. Pranali. S. Nale.	PF8'S COE phalter	Paul
8	Prof. Pratima. C. Bhosale	PES'S COE phalton	0-
9	Mr. Vidur V. Gundage	PES'S COE	Safer.
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11	Mr. Tupe B.M.	PES' COEP	Bo
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15	Mrs. N.S. Bale	PESS COEP	Alkale.
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18	Mr s.T. Kale	PES COEP	20
19	Mr. A. H. Jackau	PES'S COE, Phullan	Madhay
20	Mr. N.B. Bhijba	PES's WE phalton	Story
21	M. M. Crevagade	PESCOE Phaltan	Muis
22	Mrs. A. K. Dielher	DEZ COE	Duelher
23	Ms. M. N. Ingale	PES'S COE Pholtan	Diagl
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Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Afternoon

Date: 12/01/2024

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	Prof. A.T.Bhosole	PES'S COE, Phatan	Shuy
	Prof. Mrs. S. R. Devkar	PES'S COE Phaltan	W.S. malite
	prof. N. S. Mohite	PESS COE, Phaltan	Bodore
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	Prof. S.S. Pawar	PES GG, Phentun	Sunt.
6	Prof. G.V. Thombare	PESIS COE, phaltan	NO Hard
7	Mr. A.H. Jadhau	PES's COF, Phaltan	Madhau
8	Mr. M.D. Bunkar	PES's COF phaitan	may.
9	mr. c.m. Gorad	PES's COE Phaltan	Commy -
	ham Tuna B.M	PES's COE, Phaltan	B
10	Mr. Tupe B.M. Hipparkar A.A	PES'S college of mgg	Mui
11	The state of the s	PES'S College of engs.	Phale
12	ms. P.T. Nate	PES's college of Engy	Bruk
13	Mrs. P.S. Bozade Mrs. S.D. Mohite (entc)	PES's COE Phaltan	Sheell
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15	Ms. Dhaygude P.s.	PES's COE Phaltan	fin_
16	Mrs. J. S., TileKar	PESS COEI	Surgar
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19	5. P. Kadam	PEB's COE Phaltan	ambe
20	Ms. Amrufa S: Toreste		21
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22	miss- S.B. Gavali		Budhel
23	Mrs. A. K. Ordhal	PES'S COE	Zu-
24	Mrs. P. I. Shosali.	PEIS COE Phallan.	0-
25	Mrs. N.S. Bale	PECIS COE	

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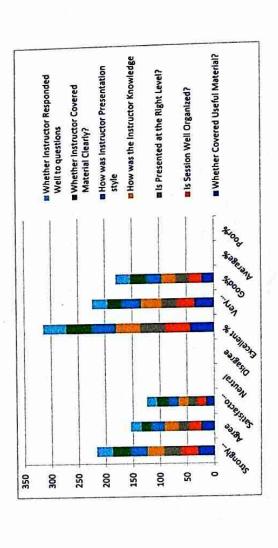
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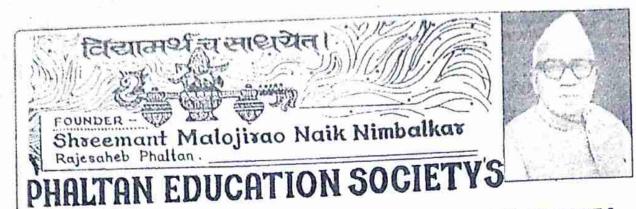


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2	Is Session Well Organized?	31	22	91	0	0	45	32	23	0	0
3	Is Presented at the Right Level?	32	20	17	0	0	46	29	25	0	0
4	How was the Instructor Knowledge	116	97	18	0	0	45	38	56	0	0
\$	How was Instructor Presentation style	31	25	61	0	0	45	36	28	0	0
9	Whether Instructor Covered Material Clearly?	32	11	20	0	0	46	25	59	0	0
7	Whether Instructor Responded Well to questions	30	20	19	0	0	2	29	28	0	0





(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai) Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal. Phaltan, Dist. Satara Pin 415 523

E-mail: pes.coeprincipal2011@gmail.com/coeprincipal@yahoo.co.in

Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.

Prof.Dr. N. G. Narve Principal

Ref. No.: COE- 828 12023-24

To, Dr.R.R.Gidde Professor, Department of Mechanical Engineering SVERI College of Engg., Pandharpur

Subject: - Invitation as a Resource Person for Full on "Guidance to Research"

Dear Sir.

On behalf of Phaltan Education Society's College of Engineering, I would like to cordially invite you to serve as Resource Person for Two session of one week faculty development program from 10th January 2024 to 15th January 2024 on FDP topic "Guidance to Research" with your subject "How to Write Research Paper" using Offline mode on 12th January 2024 at 10.30 am. The session will start from 11:00 am morning and 2:00 pm in afternoon. I would be grateful, if you accept the invitation and take part in the faculty development program and share your expertise on the topic to our participants. Your knowledge would be an excellent addition to our participants.

Please feel free to contact and I will be in touch with your office in coming days to inquire about your availability.

I look forward to your response.

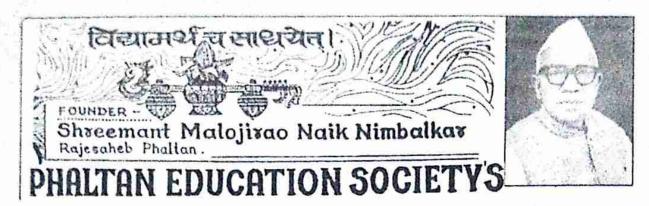
With kindest regards,

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College of Engineering Phaltan Dist. Satara (M.S.)



(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523

E-mail: pes.coeprincipal2011@gmail.com/coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S. Prof.Dr. N. G. Narve Principal

Date: 9 | 1

Ref. No.: COE-846/2023-24 To.

Dr.R.R.Gidde

Professor,

Department of Mechanical Engineering SVERI College of Engg., Pandharpur

Sub: Letter of Appreciation.

Dear Sir,

I would like to acknowledge and extend my heartfelt gratitude for your presence as a resource person for Faculty Development Program with title "Guidance to Research".

We are very pleased with your session **How to Write Research Paper**. We sincerely appreciate your responsiveness to have with us despite of your busy schedule.

I believe that your lecture will definitely stimulate competency of our participants to an incredible height and help to open multi-dimensional doors of opportunity to shape their carrier. I look forward to a continuing collaboration with you.

It has been a very nice experience with you. Thanking You.

Principa Principa

College of Engineering Phaltan, Dist. Satara (M.S.)

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "How to Write Research Paper"

Date and Time of FDP: 12/01/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Dr.R.R.Gidde

Professor,

Department of Mechanical Engineering

SVERI College of Engg., Pandharpur

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	70	11	59

Write briefly about session topic delivered:

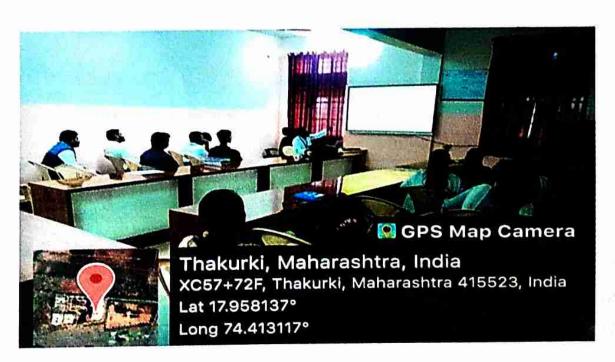
INTRODUCTION

What should you include in an introduction for a research paper?

- An overview of the topic. Start with a general overview of your topic.
- Prior research. Your introduction is the place to review other conclusions on your topic.
- A rationale for your paper.

- Describe the methodology you used
- A thesis statement.
- An outline

An effective introduction will typically begin by discussing general ideas surrounding the essay's topic and then introduce the specific ideas that will be discussed in the body of the paper. For more on the body of the paper, see our handouts General Academic Essay Outline and Is Your Paragraph a Complete M.E.A.L.? It is your first chance to make a good impression on your reader. The introduction gives the reader background and context to convey the importance of your research. It should begin by broadly introducing your topic, then narrowing to your focused research question or hypothesis. Start with the chase. A good hook might also be a question or a claim—anything that will elicit an emotional response from a reader. Think about it this way: a good opening sentence is the thing you don't think you can say, but you still want to say. Like, This book will change your life.



Trainer giving introduction about How to Write Research Paper.

Learning outcomes

- 1 Effective Communication Skills: Crafting an introduction necessitates the ability to communicate complex ideas in a clear, concise, and engaging manner.
- 2 Critical Thinking and Analysis: Writers engage in critical thinking to identify the broader context of their topic and then analyze and synthesize.

3 Thesis Development: The introduction serves as the platform to present the main thesis or research question.

Convener

Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

Prof. Dr. N.G. Narve

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "How to Write Research Paper"

Date and Time of FDP: 11/01/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Dr.R.R.Gidde

Professor,

Department of Mechanical Engineering

SVERI College of Engg., Pandharpur

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline	
1	70	11	69	

Write briefly about session topic delivered:

The first job of the introduction is to tell the reader what your topic is and why it's interesting or important. This is generally accomplished with a strong opening hook.

The hook is a striking opening sentence that clearly conveys the relevance of your topic. Think of an interesting fact or statistic, a strong statement, a question, or a brief anecdote that will get the reader wondering about your topicThis part of the introduction differs depending on what approach your paper is taking. In a more argumentative paper, you'll explore some general background here. In a more empirical paper, this is the place to review previous research and establish how yours fits in. The research question is the question you want to answer in an empirical research paper. Present your research question clearly and directly, with a minimum of discussion at this point. The rest of the paper will be taken up with discussing and investigating this question; here you just need to express it. The final part of the introduction is often dedicated to a brief overview of the rest of the paper.

In a paper structured using the standard scientific "introduction, methods, results, discussion" format, this isn't always necessary. But if your paper is structured in a less predictable way, it's important to describe the shape of it for the reader. If included, the overview should be concise, direct, and written in the present tense.



Trainer giving introduction about Research Paper.

Learning outcomes

- 1 Audience Awareness: Writers consider their audience when constructing an introduction.
- 2 Research Question Formulation: The process of narrowing from a broad topic to a focused research question or hypothesis is a skill developed in crafting introductions.

3 Hook Development: Crafting a compelling hook involves creativity and an understanding of

what will capture the reader's attention.

Convene

Dean Quality Assurance

Mr.A.A.Hipparkar

Mr.S.V.Kalel

Principal

rof.Dr.MG.Narve

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning

Date: 12/1/2018

Sr.No	Name	College Name	Sign
1	s.v. Kalel	PESS COE Phantm	8-7
2	S.S. Pawar	PESS COE Phartun	all
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	Mr. Tupe B.M	PES's COE, Phaltan	B.
7	Mrs. A. k. Dudhal	PES COE	Dudhel
8	Ms. p.c. Bhosale	PES COE	Sham
9	N. S. Mohite.	PES'S COE, Phultun	N.S.malike
10	D.G. Bonkar	PESIS COE Phollan	Kanlcor
11	- AC - 1	PES'S COE Phaltan	Joseph
12	S. B. Gavali.	PES'S COE Phaltan	Gavari
13	Ms. Gaikwad J.D.	PES'S COE Phaltan	Dirented.
4	Ms. S. H. Chavan	PES's COE Pholton	OLOH
15	MS. P.T. Nort	PES'T COE Phastan	Proce
16	Ms. Armuta Satish Torrate.	PES's COEPhaltan.	amme
17	Mrs. S. R. Devkar	PES'S COE Phaltan	Shum _
18	Prof. Sayali S. Alate	PES's COE phaltan	SSAlate.
19	Ms- P. s. Dhaygude	PES'S COE	Pa Pa
20	M.Gr. Khandaukar	PES'S COE Phautan	
21	NS-Bale	PES'S COE phoulton	Horry
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24	Mathpahi R.R	PES'S COE Phaltan.	Rengent.
25	Mr. A.H. Jadhau	PES's, COF, Phaltan	Markon

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning

Date: 12 /01/2023

Sr.No	Name	College Name	Sign
1-	Mrs. J40ti S. Tilekar	PESS COE	Repor
2	Ms. Prancel. S. Nole	PE'S COE	P.S.
3	Mr. Sujit B. Judhav	PES" (OE	Edu
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Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Afternoon

Date: 12/01/2029

Sr.No	Name	College Name	Sign
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2	Arof. Sayali 8. Alate Mrs. Shivani R. Devkaz	PES'S COE, Phaltan	Shund
	Mg. Pranal 8. Nale	PESS COE, phaltern	Parl
4	Ms. Armuta S. Torate	PES'S COE Phaltan	glegar
5	Mrs. Jyoli S. TileKar	PESS CO E	
6	Mrs. Dhanashni G. Bonlar	PES'S COE	Bonlon
7	Namada S. Monite	PES'S COE	N.Smanitz
8	Ms. Gaikwad J.D.	PES'S COE Phattan	Dairwan.
9 -	miss. Gavali.8.B.	PES'S COE Phaltan	Bavari
10	Ms. P.s. Dhaygude	PES'S COE	FL :
11	R.A. Lad	PEs's COE Pholian	Tabja
12	MT. 13. D. Bankar	PES'S COE, phatan	ghay.
13	Mr. V. V. Gurdage	PESS COE	AND E
4	ME. N. B. Bhujbal	PESS COE Phalton	The state of the s
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16	M. M. Ghadoye	W 1/10	
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18	Mr A B. Gaurde		Mekadam
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20	R.R. Mathpah	PES'S COE Phaltan	Amy.
21	C.M. Gorad	pes's COE Phalton	31 durit
22	A. A. Ranaware	PES's COE	
_ 23	mr. V. S. Shaha.	PE'S COE, Phullon-	A
24	Mr. P.c. Bhosali.	PESS COEP.	Abul
25	Mn. A. K. Dudhay	PES'S COEP	T

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Afternoon

Date: 12/01/2024

Sr.No	Name	College Name	Sign
1	Mrs. N.S. Bale.	PES's coep	Aprel
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3	ms, p.T. Nak	9855 COEP	antale
4	Mr. A.H. Jackau	BES'S COE, Phaltan	Heralhan
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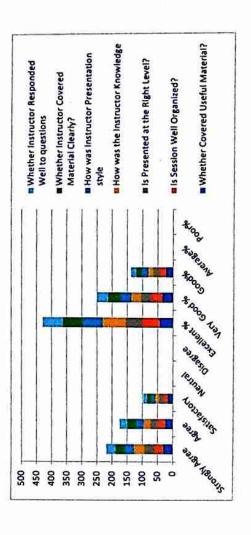
College of Engineering, Phaltan DEPARTMENT OF COMPUTER ENGINEERING

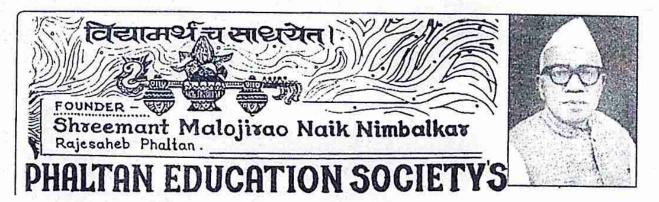
Feedback Analysis Report on Faculty Development Program

Academic Year 2023-24

Total Faculties:70

Sr.No.	Statements	Strongly Agree	Agree	atisfactor	Neutral	Disagree Excel	Excellent %	Very Good %	%poog	Average%	Poor%
9	Whether Covered Useful Material?	30	24	16	0	0	43	34	23	0	0
2	Is Session Well Organized?	31	25	15	0	0	55	36	21	0	0
3	Is Presented at the Right Level?	32	24	14	0	0	57	34	20	0	0
4	How was the Instructor Knowledge	35	23	12	0	0	9/	33	11	0	0
\$	How was Instructor Presentation style	30	25	15	0	0	99	36	21	0	0
9	Whether Instructor Covered Material Clearly?	30	28	12	0	0	\$9	40	17	0	0
7	Whether Instructor Responded Well to questions	16	26	13	0	0	.99	37	61	0	0





COLLEGE OF ENGINEERING, PHALTAN

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)
Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523
E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.

Prof.Dr. N. G. Narve Principal

Ref. No. : COE-829/2028-24

Date: 9 | 1 |2024

To,
Dr. S.S.Wangikar
Associate Professor
IQAC Coordinator and Innovation Ambassador,
SVERI College of Engg., Pandharpur.

Subject: - Invitation as a Resource Person for FDP on "Guidance to Research"

Dear Sir.

On behalf of Phaltan Education Society's College of Engineering, I would like to cordially invite you to serve as Resource Person for Two session of one week faculty development program from 10th January 2024 to 15th January 2024 on FDP topic "Guidance to Research" with your subject "Optimization Techniques in Research and Innovation & Publishing your Research "using Offline mode on 13th January 2024 at 10.30 am. The session will start from 11:00 am morning and 2:00 pm in afternoon. I would be grateful, if you accept the invitation and take part in the faculty development program and share your expertise on the topic to our participants. Your knowledge would be an excellent addition to our participants.

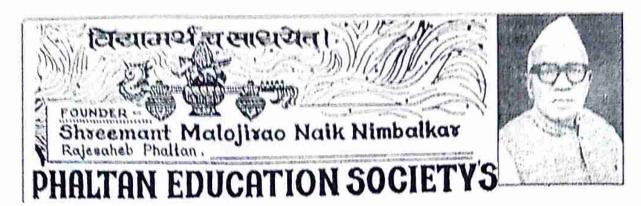
Please feel free to contact and I will be in touch with your office in coming days to inquire about your availability.

I look forward to your response.

With kindest regards,

300

Prof.Dr.N.G.Narve Principal PE.S's



COLLEGE OF ENGINEERING, PHALTAN

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonero/MSBTE Mumbai)
Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523
E-mail: pes.coeprincipal2011@gmail.com/coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S. Prof.Dr. N. G. Marve

Ref. No.: COE-854 12023 -24

Date: 13 | 01 | 2024

To,
Dr. S.S.Wangikar
Associate Professor
IQAC Coordinator and Innovation Ambassador,
SVERI College of Engg., Pandharpur

Sub: Letter of Appreciation

Dear Sir,

I would like to acknowledge and extend my heartfelt gratitude for your presence as a resource person of Faculty Development Program with title "Guidance to Research".

We are very pleased with your session Optimization Techniques in Research and Innovation & Publishing your Research. We sincerely appreciate your responsiveness to have with us despite of your busy schedule.

I believe that your lecture will definitely stimulate competency of our participants to an incredible height and help to open multi-dimensional doors of opportunity to shape their carrier. I look forward to a continuing collaboration with you.

It has been a very nice experience with you.

00

P.E.S's
College of Engineering
Phaltan, Dist. Satara (M.S.)

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "Optimization Techniques in Research and Innovation & Publishing

your Research"

Date and Time of FDP: 13/01/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Dr. S. S. Wangikar

Associate Professor

IQAC Coordinator and Innovation Ambassador,

SVERI College of Engg., Pandharpur

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	60	8

Write briefly about session topic delivered:

INTRODUCTION

The introduction serves multiple purposes. It presents the background to your study, introduces your topic and aims, and gives an overview of the paper. A good introduction will provide a solid foundation and encourage readers to continue on to the main parts of your paper—the methods, results, and discussion. The purpose of using the metaphor of a journey is to stress the fact that



whilst the outcome is important, the life changing, mind changing part is the process of the research and the writing itself. It is a unique journey experienced differently by every research supervisee and supervisor. Provide the employer details about your role in the research project. Describe the research itself and results from the research. Specify the nature of the research, for example, if you collected data or conducted experiments. Remember to share if the research was published or other accomplishments. The introduction is often the most important chapter of your paper because it lays out what you want to accomplish and how. The introduction should have a broad view of the topic, establishing how it relates broadly with other topics in its field.







Trainer giving introduction about Optimization Techniques in Research and Innovation & Publishing your Research

dimension The most common solution techniques include mathematical optimization, simulation, queuing theory, Markov decision processes, and data analysis, all of which use mathematical models to describe the system Optimization is the best strategy for finding solutions to problems after selecting a constrained objective function. Power consumed in the residential sector can be decreased by proper scheduling and optimizing the power, increasing consumer and supplier benefits. Basic Optimization Concepts. In general, there are three fundamental parts of an optimization problem — the control variables, the objective function and, optionally, constraints.

The goal of an optimization method is then to assign values, from the allowed domain, to the unknowns such that the objective function is optimized and all constraints are satisfied. To achieve this goal, the optimization algorithm searches for a solution in a search space, S, of candidate solutions.



Trainer giving introduction about Optimization Techniques in Research and Innovation & Publishing your Research Optimization methods.

Learning outcomes

- 1 Analytical Thinking: Students or practitioners develop strong analytical thinking skills through the systematic analysis of problems to identify objective functions, constraints, and control variables.
- 2 Algorithmic Understanding: Learning optimization methods involves understanding the algorithms employed in mathematical optimization, simulation, queuing theory, Markov decision processes, and data analysis

3 Mathematical Modeling Skills: Optimization methods heavily rely on mathematical models

to describe systems.

Convener

Dean Quality Assurance

Mr.A.A.Hipparkar

Mr.S.V.Kalel

V Principal

Prof.Dr.N.G.Narve

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "Optimization Techniques in Research and Innovation & Publishing

your Research."

Date and Time of FDP: 13/01/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Dr. S. S. Wangikar

Associate Professor

IQAC Coordinator and Innovation Ambassador,

SVERI College of Engg., Pandharpur.

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline	
1	68	8	60	

Write briefly about session topic delivered:

Optimization methods are used in many areas of study to find solutions that maximize or minimize some study parameters, such as minimize costs in the production of a good or service, maximize profits, minimize raw material in the development of a good, or maximize production.

Optimization is concerned with the analysis and algorithmic aspects of maximizing or minimizing an objective function subject to constraints, often in complex problems in high

Learning outcomes

- 1 Problem-Solving Competence: Optimization is fundamentally about finding solutions to realworld problems.
- 2 Interdisciplinary Application: Optimization methods find applications in diverse fields such as economics, engineering, operations research, and data science.

3 Decision-Making Skills: Optimization often involves making decisions that impact the

outcome of a system, Individuals develop decision-making skills

Convener

Dean Qualit surance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Profabr.N.G.Narve

Principa

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning.

Date: 13/01/2024

Sr.No	Name	College Name	Sign
1 1	S-V-KNE	PES'S COE Phaltan	8
2	M. M. Gargade	PETWE Phallon	MIST
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	Prof. Sayali 8. Alate	PES'S COE Pholon	SALute
1	Ms. Pranali S. Nale.		Poul
	Ms. Amouta Satish Tomette.	PESSCOE Phaltan	Comme
7	Mr. P. C. Bhosale.	PESIS COE phultan	(22)
8	Mrs. H.K. Dudhel	PESIS COF phaltan	182
9	Mr. A. B. Gawale	PES'S COE phalten	Adio Je
10	Mr. M. D. Bankar	PES'S COE, phaltan	gray.
11	Mr. R.R. Mathpah	PES'S COE Phatan	Epirgent?
12	Ms- P.s-Dhaygule	PES'S COE	#L
13	M.G. Khandaukar	PES'S COE Phattan	(A)
14	Mrs. Shraddha D. Mohite	PES's COE Phaltan	Shuell
15	Ms S. H. Charan	PES' Cof Pholtan	Junt.
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17	MS. P. T. Hall	PES COB Phastan	Phale
18	rat. N.K. Kadara	PE's COE Pheeltan	ritin
19	Mr. A.T. Bhosale	PES'COE Phaltan	thelo.
20	MR. N.B. Bhujbal	PES'S COE Phalton	shuj
21	Mr. S. D. Patole.	PESS COE Phattan	Rodok
22	ms. N. S. mahite.	PES'S COE	Namhite
23	Ms. D. G Bowler	PESIS (OE	
24	Mrs. S. R. Devkar	PES'S COE	8huy
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28	Mis. Dhanshoi S. Bhoite	PES'S COE	Hum.
29	Mr. A. H. Jadhay	PES's COE Phaltan	Albudhay
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33	Mr. D. J. Songale	PESS COE Phalton	J.71 71
34	miss. S. B. Gavali	PES'S COE Phaltan	Lowy
35	Mrs. Jyofi S. The Kar	PESS COE	Seyor!
36	Mrs. N.s. Bale	PES'S COE	Heals
37	Ms. Jadhar D.D.	PES's coe Pholtan	Fridne
38	Mrs. Jadhav P.S.	PES's COE Phaltan	Blavar
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Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: I

Date: 13/01/2024

Sr.No	Name	College Name	Sign
1	A.A. Ranaware	PES's COE	392mt
2	M.M. Gengade	PES's, COE, Phaltan	Minis
3	G.V. Thombaxe	PES's COE, Phaten	Jan ,
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0	Mr AB. Gawade	PES'S COE Phaltan	Dante
7	ME N. B. Bhijbal	PESS COE Phalton	shuj
8	Me. R. s. Kolape	PES'S COE phaltan	Ostolope
9	Mr. M. D. Bankar	PESIS COE, Phaten	OF.
10	Mr. A.H. Jadhau	PES's, COE, Phaltan	Madhay.
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12	Prof. Sayoli & Alate	PES'S COE, phalton	SMate
13	mrs. N.S. Bale	PES'S rot phalten	ARale
6	Mrs. J. S. Tilekar	PES'S COE	Sperm
15	Mrs. S. R. Devkaz	PES'S COE Phalton	8hum
16	Ms. Amruta Satish Torate	PES'S COE Phaitan	omne
17	N.S. Mohide.	PES'S COE	H. Small
18	Jadhan Dipeli D.	PES'S COE phallan	Fadho
19	Mrs. P. S. Jadhav	PES's COE Phalton	Maran.
20	Ms.Ps. Dhaygude	PES'S COE	FL
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29	ms. S.H. Chavan.	PES's (OF Pholton	OHM
30	Ms. R.C. Salunkhe	PESICOE phaltan	Boyan'
31	Ms D.G. Bankar	pes's lob	Baulca
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35	mr. VIS. Sheles	42	183
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38	Ms. Garwad J.D.	2 56 <u>321</u> [155] [156]	Distinction !
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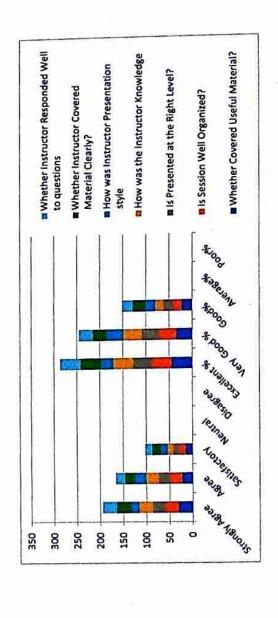
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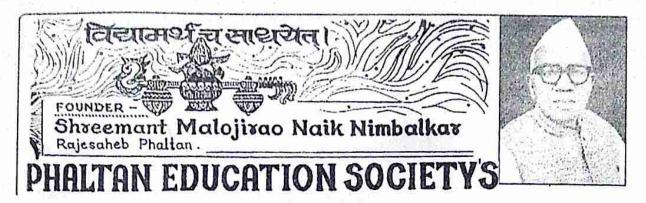
College of Engineering, Phaltan DEPARTMENT OF COMPUTER ENGINEERING

Feedback Analysis Report on Faculty Development Program

Academic Year 2023-24

	Total Faculties:68					1					
Sr.No.	Statements	Strongly Agree	Agree	atisfactor	Neutral	Disagree	Disagree Excellent %	Very Good %	Good%	Average%	Poor%
-	Whether Covered Useful Material?	30	23	15	0	0	44	34	22	0	0
2	Is Session Well Organized?	29	26	13	0	0	43	38	19	0	0
3	Is Presented at the Right Level?	28	25	14	0	0	41	37	21	0	0
4	How was the Instructor Knowledge	29	27	12	0	0	43	40	18	0	0
8	How was Instructor Presentation style	18	25	15	0	0	56	37	22	0	0
9	Whether Instructor Covered Material Clearly?	30	20	18	0	0	44	29	26	0	0
7	Whether Instructor Responded Well to questions	31	21	91	0	0	46	31	24	0	0





COLLEGE OF ENGINEERING, PHALTAN

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

Shreemant Shivajiraje Nagar, Kurawali Road, Thakurki, Tal.Phaltan, Dist.Satara Pin 415 523

E-mail: pes.coeprincipal2011@gmail.com / coeprincipal@yahoo.co.in Website: www.coephaltan.edu.in

Hon. Shreemant Sanjivraje Naik Nimbalkar Secretary, P. E. S.

Prof.Dr. N. G. Narve Principal

Ref. No. : COE- 85 / 2013-24

Date: |2|| |2027

To,

Dr. Sangram D.Jadhav Associate Professor, SVPM College of Engineering Malegaon.

Subject: - Invitation as a Resource Person for FDP on "Guidance to Research"

Dear Sir.

On behalf of Phaltan Education Society's College of Engineering, I would like to cordially invite you to serve as Resource Person for One session of one week faculty development program from 10th January 2024 to 15th January 2024 on FDP topic "Guidance to Research" with your subject "Importance of Professional and Research Ethics" using Offline mode on 15th January 2024 at 10.30 am. The session will start from 11:00 am morning. I would be grateful, if you accept the invitation and take part in the faculty development program and share your expertise on the topic to our participants. Your knowledge would be an excellent addition to our participants.

Please feel free to contact and I will be in touch with your office in coming days to inquire about your availability.

I look forward to your response.

With kindest regards,

Prof.Dr.N.G.Marve

College of Engineering Phaltan, Dist. Satara (M.S.)

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Guidance to Research"

Topic Covered in FDP: "Importance of Professional and Research Ethics"

Date and Time of FDP: 15/01/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Dr. Sangram. D. Jadhav.

Associate Professor

SVPM's College of Engineering,

Malegaon (Bk.)

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	67	10	57

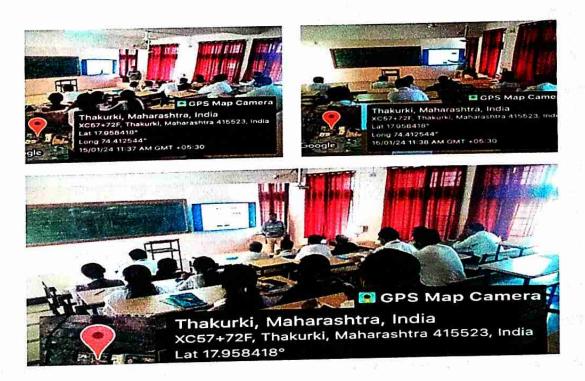
Write briefly about session topic delivered:

INTRODUCTION

Research is the pillar of knowledge, and it constitutes an integral part of progress. Ethics are broadly the set of rules, written and unwritten, that govern our expectations of our own and others' behaviour. Research ethics is a core aspect of the research work and the foundation of research design. Research ethics are the set of ethics that govern how scientific and other research is performed at research institutions such as universities, and how it is disseminated. When most people think of research ethics, they think about issues that arise when research

involves human or animal subjects. While these issues are indeed a key part of research ethics, there are also wider issues about standards of conduct. These include the importance of publishing findings in a transparent way, not plagiarising others' work, and not falsifying work.

Good research should be well adjusted, well-planned, appropriately designed, and ethically approved. To conduct research to a lower standard may constitute misconduct. This may appear to be a stringent criterion, but it highlights the basic requirement of a researcher to conduct a research responsibly. To achieve this, a research protocol should be developed and adhered to. It must be carefully agreed to by all contributors and collaborators, and the precise roles of each team member should be spelled out early, including matters of authorship and publications. Research should seek to answer specific questions, rather than just collect data. The research proposal should discuss potential ethical issues pertaining to the research. The researchers should pay special attention to vulnerable subjects to avoid breech of ethical codes (e.g. children, educationally and economically challenged, women, mentally pregnant prisoners, disadvantaged). Consent should be explained and obtained from the subjects or guardians, and steps should be taken to ensure confidentiality of information provided by the subjects.



Trainer giving introduction about Importance of Professional and Research Ethics

Learning outcomes

- 1 Definition of Research Ethics: Research ethics involves a set of rules, both written and unwritten, that govern the behavior of researchers and the conduct of scientific and other research
- 2 Scope of Research Ethics: Research ethics extends beyond issues related to human or animal subjects and includes broader concerns about standards of conduct, such as transparency in publishing, avoiding plagiarism, and preventing the falsification of work.
- 3 Pillar of Knowledge and Progress: Research is acknowledged as the pillar of knowledge and is considered integral to progress. The ethical conduct of research is seen as a core aspect and foundation of research design.

Convener

Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principa

Prof.Dr.N.G.Narve

Phaltan Education Society's College of Engineering, Phaltan

One Week Faculty Development Program in Collaboration with DBATU Lonere "Guidance to Research"

Session: Morning

Date: 15-01-2024

Sr.No	Name	College Name	Sign
1	mr. G.v. Thornbare	PES's COE, Phaltan	Sport .
2	Mr. Tupe B.M.	PES'S COEPhaltan	B
3	Mr. Mathpati · R. R	PES'S COE Phaltan	Exhagus-
4	Mr R.A.PLIAI	PESCOE Phaltan	Capia
5_	Mr. S.S. Pawar	PES COE Phantas	Con the second
200	Mr. D.J. Sungale	PES COE Phalton	Emoorally.
7	Prof. Sami'S. Alate	PES'S COF, Phattan	sapute
8	Prof. 5. P. Kadam	PES'S COE, Phaltan	*
9	Ms. P.s. Nole	PES'S COE, phoutern	Park.
10	Ms. Gaikerad J.D.	PES'S COE Phaltan	Dipuradi_
11	Mrs. Jadhar P.S.	PES'S COE phaeton	Thowar
12	Ms · Jadhan D·D.	PES'S COE Phaltan	50dh
13	Mrs. Borate P.S.	PES'S COF Phaltan	Brok
	miss. Gavali. s.B.	PES'S COE Phatan	Favari
15	M.G. Khandalkaz	PES'S COE	
16	5. R. Devkaz	PES'S COE Phaltan	8trum
17	N. S. Mohite.	PES'S COE	N.5 mobile
18	MS. P. T. Nale	PEC'S COE phartan	Phale
19	mr. V.S. ShoLa.	PESS COE, Phalton,	Brz
20	Mr. A. B. Nalawade	PES's College of Engineering	AN
21	Mr. M.M. Ghodose	bear correde of Euro	Obest -
22	Mr. S.T. Kale	PESS COE Phalfan	(F)
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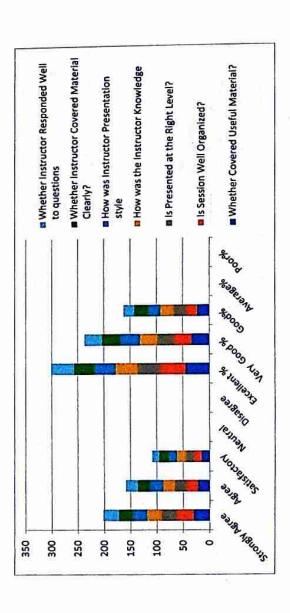
College of Engineering, Phaltan DEPARTMENT OF COMPUTER ENGINEERING

Feedback Analysis Report on Faculty Development Program

Academic Year 2023-24

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Sr.No.	Statements	Strongly Agree	Agree	atisfactor	Neutral	Disagree	Excellent %	Very Good %	%poo9	Average%	Poor%
-1	Whether Covered Useful Material?	30	22	15	0	0	45	33	22	0	0
2	Is Session Well Organized?	32	22	14	0	0	48	33	21	0	0
3	Is Presented at the Right Level?	29	22	91	0	0	43	33	54	0	0
4	How was the Instructor Knowledge	28	22	17	0	0	42	33	25	0	0
2	How was Instructor Presentation style	27	25	15	0	0	40	37	22	0	0
9	Whether Instructor Covered Material Clearly?	26	23	18	0	0	68	34	27	0	0
7	Whether Instructor Responded Well to questions	30	23	14	0	0	45	34	21	0	0



Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Indian StartUp Ecosystem and Role of Business Incubator'

Date and Time of FDP: 27/07/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Education Qualifications: -

Education: DIE, B.E., M.Tech - Electronics & Embedded Systems.

Current Position: Chief Executive Officer - SIBIC Business Incubator - July, 2021.

SIBIC Business Incubator is first of its Kind - A Private Business Incubator in Western

Maharashtra established in 11,000sq.ft. Area. Mentoring 25+ start-ups in 5 sectors.

Work Experience in the field of Entrepreneurship, Innovation & Incubation:

- 1. Chief Executive Officer at SIBIC Business Incubator July, 2021.
- 2. Incubator Manager at NETRARIT-TBI 2018-2021.

Worked for establishment of in-campus Incubation Centre at Rajarambapu Institute of

Technology from start to 5Crore Fund raising by MSiNS

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
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Write briefly about session topic delivered:

INTRODUCTION

The Indian startup ecosystem has seen tremendous growth in recent years, driven by a mix of innovation, government support, and a vibrant entrepreneurial culture. Business incubators play a crucial role in this ecosystem, providing startups with essential support and resources to grow and thrive. Here's a closer look at both aspects:

Indian Startup Ecosystem

1. Growth and Investment:

- o Funding: India has become a hotspot for venture capital and private equity investments. Many global investors are keen on Indian startups due to the large market size and the potential for high returns.
- o Unicorns: India is home to several unicorns (startups valued at over \$1 billion), and this number continues to grow, reflecting the ecosystem's maturity and potential.

2. Government Initiatives:

- Startup India: Launched in 2016, this initiative aims to promote and support startups by providing easier compliance, tax benefits, and access to funding.
- o Atal Innovation Mission: This mission supports innovation and entrepreneurship through a network of incubators and funding programs.

3. Sectoral Diversity:

Indian startups span various sectors, including technology, healthcare, fintech, edtech, and agritech. This diversity helps drive innovation across different industries.

4. Talent Pool:

o India has a large pool of skilled professionals and entrepreneurs. The country's focus on education and technical skills training provides a steady stream of talent for startups. Phillips of a few track to a superior

Role of Business Incubators

1. Support and Resources:

- o Mentorship: Incubators provide access to experienced mentors who can offer valuable advice on business strategy, operations, and scaling.
- o Infrastructure: Startups often benefit from office space, administrative support, and other infrastructure, reducing their initial overhead costs.
- Networking: Incubators help startups connect with potential investors, partners, and other startups, fostering a collaborative environment.

2. Funding and Financial Support:

Many incubators offer seed funding or help startups connect with investors. They may also assist with grant applications and other forms of financial support.

3. Training and Development:

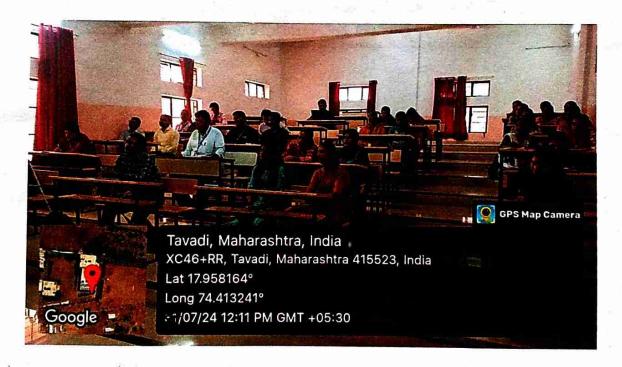
o Incubators often conduct workshops, training programs, and seminars to help startups build essential skills, such as pitching to investors, marketing, and product development.

4. Market Access:

o They may provide access to markets and customers through their fletworks, helping startups validate their products and reach their target audience more effectively.

5. Risk Mitigation:

By offering a structured environment and expert guidance, incubators help startups navigate the early stages of business development, reducing the risk of failure.



Trainer giving introduction about Role of Business Incubator.



Trainer giving introduction about StartUp Ecosystem.

Learning outcomes

- Funding: India has become a significant destination for venture capital and private equity, attracting global investors due to its large market potential and high return prospects.
- Unicorns: The growing number of unicorns in India signifies a maturing ecosystem with increasing potential and market validation.
- Start-up India: This initiative simplifies compliance, offers tax benefits, and provides funding access, encouraging startup growth.
- •Atal Innovation Mission: Supports entrepreneurship through incubators and funding programs, fostering a culture of innovation.

Convener

Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

Prof.Dr.N.G.Narve

Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Indian StartUp Ecosystem and Role of Business Incubator"

Date and Time of FDP: 27/07/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	8	60

Write briefly about session topic delivered:

Idea Generation:

1. Identify Problems and Needs

Observation:

Look around in daily life, work, or communities. What annoys people? What inefficiencies exist?

Surveys and Interviews:

Talk to potential users or customers. Understand their pain points and needs.

Market Research:

Analyze existing products and services. Identify gaps or areas for improvement.

2. Explore Trends and Emerging Technologies

Industry Trends:

Keep up with trends in various industries. Emerging trends often present new opportunities.

Technology:

Explore how new technologies (AI, blockchain, IoT, etc.) can solve existing problems or create new solutions.

Future Projections:

· Look at predictions and projections for future industries and markets.

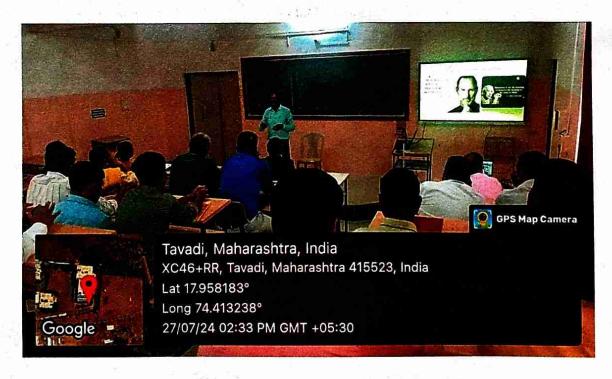
3. Leverage Personal Interests and Expertise

Passion Projects:

Think about what excites you personally. Passion can drive motivation and perseverance.

Skills and Knowledge:

Consider areas where you have specialized knowledge or skills. Your expertise can provide unique insights and solutions.



Trainer giving introduction about Idea Generation.

Learning outcomes

- 1. You uncover common frustrations or inefficiencies in daily life, work, or community settings. These insights can lead to identifying potential problem areas that need innovative solutions.
- 2. By engaging directly with potential users or customers, you gain a clear understanding of their pain points and needs. This information helps in validating the existence of the problem and shaping the solution
- 3. Analyzing existing products and services helps identify gaps and areas for improvement. This reveals opportunities to innovate or enhance current offerings to better meet market demands.

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Mr.A.A.Hipparkar

Mr.S.V.Kalel

Principa

Prof.Dr.N.G.Narve

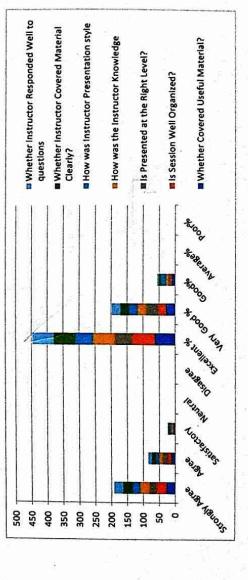
Phaltan Education Society's
College of Engineering, Phaltan
Department of Computer Engineering

Feedback Analysis Report on Faculty Development Program

Innovation ,Strat-up,IPR and Funding

Academic Year 2024-25

	Total Faculties:43										
Sr.No.	Statements	Strongly Agree	Agree	Satisfactory	Neutral	Disagree	Excellent %	Very Good %	%poo5	Average%	Poor%
1	Whether Covered Useful Material?	27	12	4	0	0	63	28	6	0	0
2	Is Session Well Organized?	30	10	3	0	0	70	23	7	0	0
3	Is Presented at the Right Level?	24	. 17	2	0	. 0	95	40	5	0	0
4	How was the Instructor Knowledge	29	111	3	0	0	67	26	7	0	0
5	How was Instructor Presentation style	24	12	7	0	0	99	28	91	0	0
9	Whether Instructor Covered Material Clearly?	29	п	3	0	0	67	26	7	0	0
7	Whether Instructor Responded Well to questions	29	12	2	0	0	. 67	28	. 5	0	0



Phaltan Edcation Society's

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Idea Validation"

Date and Time of FDP: 28/07/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	08	60

Write briefly about session topic delivered:

INTRODUCTION

Finding Your Niche

- 1. Identify Your Interests and Expertise:
 - o Reflect on what you are passionate about and where your skills lie. Your niche should align with your interests and expertise to ensure sustainability and enthusiasm.
- 2. Market Research:
 - o Target Audience: Define who your ideal customers are. Understand their demographics, needs, and pain points.
 - o Competitors: Analyze existing businesses in your field. What are they doing well? Where are the gaps?
- 3. Validate Demand:

Use surveys, interviews, and social media to gauge interest in your idea. Tools like Google Trends and keyword research can also provide insights into market demand.

4. Refine Your Unique Value Proposition (UVP):

Determine what makes your idea unique. How does it stand out from existing solutions? Your UVP should address a specific need or solve a problem in a way that appeals to your target audience.

5. Test Your Idea:

 Develop a minimum viable product (MVP) or prototype and gather feedback from potential users. This can help you refine your idea based on real-world data.

Finding Your SWOT

1. Strengths:

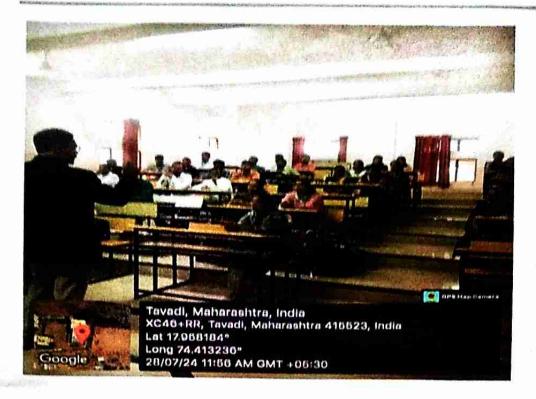
- Internal Factors: Assess your internal resources, capabilities, and advantages. This could include skills, technology, financial resources, or unique expertise.
- o Competitive Edge: Identify what sets you apart from others in your niche.

2. Weaknesses:

- o Internal Challenges: Recognize areas where you lack resources, skills, or capabilities. Be honest about limitations that could hinder your success.
- Areas for Improvement: Identify aspects that need development or refinement.

3. Opportunities:

- Market Trends: Look for emerging trends or shifts in consumer behavior that could benefit your idea.
- Potential Partnerships: Explore opportunities for collaboration or partnerships that could enhance your offering.



Trainer giving introduction about Idea Validation.

Learning outcomes

1 Discover a niche that aligns with your passions and skills, ensuring long-term commitment and enthusiasm. Your niche will be based on what you enjoy and are proficient in, leading to greater sustainability and motivation.

2 Identify your key internal advantages and resources. Recognizing what sets you apart and leveraging your strengths will help build a competitive edge and drive success in your niche.

Convener

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Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "MVP, Prototyping and Proof of Concept"

Date and Time of FDP: 28/07/2024, 2.00 pm to 04.00 pm

Name of the Resource Person Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1-	68	08	60

Write briefly about session topic delivered:

Decoding the Nature of MVP, Prototyping, and Proof of Concept

Minimum Viable Product (MVP)

- Definition: An MVP is a version of a new product that includes only the essential
 features necessary to satisfy early adopters and gather feedback. It is designed to validate
 key assumptions about the product with minimal resources.
- Purpose: The goal of an MVP is to test hypotheses about the product's value and
 usability in the real market with the least amount of time and cost. It allows you to learn
 from real users and iterate based on their feedback.
- · Characteristics:
 - Core Features: Includes only the most critical features that solve the core problem for the user.
 - Feedback Loop: Designed to collect feedback from users to validate or refute assumptions about the product.
 - o Rapid Development: Built quickly and efficiently to get to market and test ideas.

Prototyping

- Definition: Prototyping involves creating an early model or version of a product to
 explore ideas, test concepts, and iterate on design. Prototypes can range from simple
 sketches and wireframes to interactive digital models or physical objects.
- Purpose: The main goal of prototyping is to explore and refine ideas, visualize concepts, and get a tangible sense of how the final product will function. It's often used to communicate ideas and gather feedback before moving to development.
- · Characteristics:
 - Variety: Can be low-fidelity (e.g., paper models, sketches) or high-fidelity (e.g., working digital interfaces).
 - Iterative: Allows for multiple iterations based on feedback and testing.
 - Focused: Aimed at specific aspects of the product, such as user interface or functionality.

Proof of Concept (PoC)

- Definition: A PoC is an initial demonstration that a certain concept or idea is feasible and
 has the potential for success. It's used to validate the technical and practical aspects of an
 idea before investing in full-scale development.
- Purpose: The purpose of a PoC is to test the feasibility of the core idea, often focusing
 on solving a specific technical challenge or demonstrating the viability of an approach.
- · Characteristics:
 - Feasibility: Demonstrates that the concept can be developed and that it works in principle.
 - Focused: Typically limited in scope and focuses on proving a specific aspect of the idea.
 - o Preliminary: Usually conducted before creating a full MVP or product.



Trainer teaching the concepts of MVP, Prototyping and Proof of Concept.

Learning outcomes

- . Purpose: Demonstrates the feasibility of an idea or concept by validating its technical and practical aspects.
- Role: Serves as an initial step to confirm whether the core idea can work in practice before investing in development.

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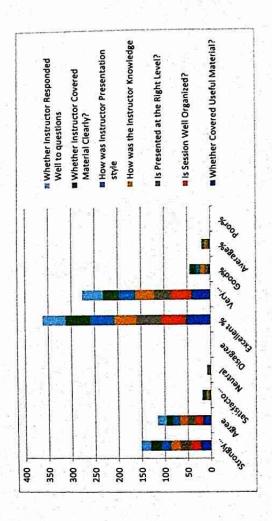
Principal

College of Engineering, Phaltan
Department of Computer Engineering
Feedback Analysis Report onFaculty Development Program Phaltan Education Society's

Innovation ,Strat-up,IPR and Funding

Academic Year 2023-24

	Total Faculties: 42										
Sr.No.	Statements	Strongly Agree	Agree	atisfactor Neutral	Neutral	Disagree	Disagree Excellent %	Very Good %	Good%	Average%	Poor%
-	Whether Covered Useful Material?	22	17	2	1	0	52	40		2	0
7	Is Session Well Organized?	22	81	-	(=	0	52	43	2	2	0
т.	Is Presented at the Right Level?	23	. 91	2		0	55	38	\$	2	0
4	How was the Instructor Knowledge	20	11	4	2	0	48	40	10	\$	0
'n	How was Instructor Presentation style	22	15	4	, <u></u>	0	52	36	01	7	0
9	Whether Instructor Covered Material Clearly?	22	41		Same Single	0	52	33	12	2	0
7	Whether Instructor Responded Well to questions	21	61	_	-	0	20	45	_2	7	0



College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "How to raise funding for StartUp?"

Date and Time of FDP: 29/07/2023, 11.00 am to 1.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	08	60

Write briefly about session topic delivered:

How to raise funding for StartUp:

1. Bootstrap

Definition: Using your own savings or revenue generated from the business to fund operations and growth.

Advantages:

- Control: Retain full ownership and control of your company.
- Flexibility: No external pressure or expectations from investors.
- Reduced Financial Risk: Avoid debt or equity dilution.

Considerations:

- Limited Resources: Growth may be slower due to limited funds.
- Personal Risk: Risk personal financial stability if the business struggles.

Best For: Early-stage startups with minimal funding needs or those looking to maintain control.

2. Angel Investor

Definition: Wealthy individuals who invest their own money in startups, often in exchange for equity or convertible debt.

Advantages:

- Mentorship: Often provide valuable advice and industry connections.
- Flexibility: Generally more flexible in terms of terms and conditions compared to venture capitalists.

Considerations:

- Equity Dilution: You'll give up a portion of ownership.
- High Expectations: Angel investors may have specific expectations and require active involvement.

Best For: Startups with a promising idea looking for early-stage investment and guidance.

3. Venture Capital (VC) & Private Equity (PE)

Definition:

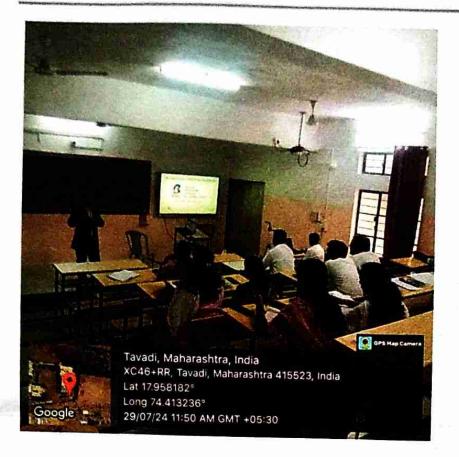
- VC: Investment from firms that provide capital to early-stage, high-growth potential startups in exchange for equity.
- PE: Investment in more mature companies, often focusing on growth or restructuring.

Advantages:

- Large Capital: Can provide significant funding to scale rapidly.
- Network: Access to a vast network of industry experts and resources.

Considerations:

- Equity Dilution: Significant ownership stakes may be given up.
- Control: VCs and PEs often require a say in company decisions and may push for rapid growth.



Trainer giving introduction about How to raise funding for StartUp.

Learning outcomes

- 1. Control: You maintain full ownership and decision-making power.
- 2. Flexibility: No external pressures or expectations from investors.
- 3. Reduced Financial Risk: Avoids taking on debt or giving up equity.

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Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Fund raising for research projects"

Date and Time of FDP: 29/07/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	08	68

Write briefly about session topic delivered:

1. Grants

Definition: Financial support provided by governments, foundations, or organizations for specific research projects.

Types:

- Government Grants: Offered by agencies like the National Institutes of Health (NIH), National Science Foundation (NSF), or European Research Council (ERC).
- Foundation Grants: Provided by private foundations such as the Gates Foundation or the Howard G. Buffett Foundation.
- Academic Grants: Offered by universities or academic institutions for specific research initiatives.

Advantages:

Non-Dilutive: No equity or repayment required.

Prestige: Can enhance the credibility of your research.

Considerations:

- Competitive: The application process is often rigorous and competitive.
- Specific Requirements: Grants have detailed criteria and reporting requirements.

Best For: Established researchers, academic institutions, and well-defined research projects.

2. Sponsorships

Definition: Financial or in-kind support from corporations or organizations in exchange for recognition or benefits.

Types:

- Corporate Sponsorships: Companies fund research related to their interests or industry.
- Institutional Sponsorships: Support from academic or research institutions.

Advantages:

- Visibility: Provides brand recognition and marketing opportunities.
- Flexible Terms: Often more flexible than traditional grants.

Considerations:

- Alignment: Ensure the sponsor's interests align with your research goals.
- Expectations: Sponsors may have specific expectations for deliverables or outcomes.

Best For: Research with commercial applications or potential industry partnerships.



Trainer giving introduction Fund raising for research projects.

Learning outcomes

- 1. General Crowdfunding: Kickstarter, Indiegogo.
- 2. Research-Specific Platforms: Experiment.com, GoFundMe.
- 3. Public Engagement: Builds a community and raises awareness around your research.
- 4. No Equity Required: Typically no need to give up equity.

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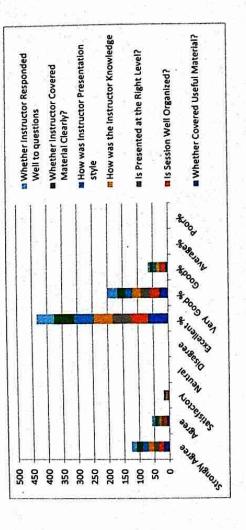
DEPARTMENT OF COMPUTER ENGINEERING

Feedback Analysis Report on Faculty Development Program

Innovation ,Strat-up,IPR and Funding Academic Year 2024-25

Total Faculties:29

S. No.	Ctotements	Strongly Agree	Aoree	atisfactor Neutral		Disagree	Disagree Excellent %	Very	Cood%	Good% Average% Poor%	Poor%
OLTIO.	Statements	20.60 06.00	33.91					2000			
1	Whether Covered Useful	61	8	2	0	0	99	28	7	0	0
2	Is Session Well Organized?	91	6	4	0	0	. 55	31	14	0	0
ю	Is Presented at the Right Level?	81	6	2	0	0	62	31	7	0	0
4	How was the Instructor Knowledge	18	8	3	0	0	62	28	10	0	0
S	How was Instructor Presentation style	19	7	3.	0	0	99	24	01	0	0
9	Whether Instructor Covered Material Clearly?	19		3	0	0	99	24	10	0	0
7	Whether Instructor Responded Well to questions	17	10	2	0	0	59	34	2	0	0



College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Legal Foundation"

Date and Time of FDP: 30/07/2024, 11.00 am to 1.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
	68	08	60

Write briefly about session topic delivered:

INTRODUCTION

1. Business Structure

Definition: The legal entity under which your business operates. Common structures include:

- Sole, Proprietorship: Simple and inexpensive but offers no liability protection.
- Partnership: Two or more individuals share ownership; liability is shared.
- Limited Liability Company (LLC): Offers liability protection and flexible management.
- Corporation (Inc.): Separate legal entity with its own rights and liabilities; includes C-Corporations and S-Corporations.
- Non-Profit Organization: Focuses on charitable, educational, or social missions; can receive tax-exempt status.

Considerations:

- Liability Protection: Determines personal liability for business debts and legal actions.
- Tax Implications: Affects how your business is taxed and how profits are distributed.
- Management Structure: Defines decision-making processes and ownership distribution.

2. Intellectual Property (IP)

Definition: Legal rights that protect creations of the mind, including inventions, literary and artistic works, symbols, names, and images.

Types:

- Patents: Protect inventions or processes; requires a detailed application process.
- Trademarks: Protect brand names, logos, and symbols.
- Copyrights: Protect original works of authorship such as writings, music, and art.
- Trade Secrets: Protect confidential business information that provides a competitive edge.

Considerations:

- Registration: Registering IP with relevant authorities provides legal protection.
- Infringement: Monitor and enforce your IP rights to prevent unauthorized use.



Trainer giving introduction about Legal Foundation

Learning outcomes

- Understanding the various business structures helps in selecting the most appropriate one for your needs based on liability, tax implications, and management preferences.
- Recognizing the trade-offs between simplicity and liability protection aids in making informed decisions about business formation.
- Recognizing the value of licensing as a strategy for monetizing IP and generating revenue.

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Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principal

College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Business Model."

Date and Time of FDP: 30/07/2024, 2.00 pm to 04.00 pm

Name of the Resource Person: Prof. Suryakant Rajaram Dodmise

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	8	60

Write briefly about session topic delivered:

Business Model:

. Key Components of a Business Model

1.1. Value Proposition

- Definition: The unique value a company offers to customers. It addresses a specific need or problem and differentiates the company from competitors.
- Questions to Address:
 - What problem does your product or service solve?
 - Why should customers choose your offering over others?

1.2. Customer Segments

- Definition: The different groups of people or organizations that a business targets or serves.
- Types:
 - Mass Market: Targets a large, broad audience.
 - Niche Market: Focuses on a specific, narrow segment.
 - Segmented: Distinguishes between different customer groups with varying needs.
 - Diversified: Serves multiple, unrelated customer segments.
 - Multi-Sided Platforms: Serves two or more interdependent customer segments.

1.3. Channels

- Definition: The various ways a company delivers its value proposition to customers.
- Types:
 - Direct Channels: Sales teams, company website, or physical stores.
 - o Indirect Channels: Retail partners, distributors, or third-party websites.
- Considerations:
 - o How do customers prefer to receive your product or service?
 - What channels are most cost-effective?

1.4. Customer Relationships

- Definition: The types of interactions a company establishes with its customers.
- Types:
 - o Personal Assistance: Direct, one-on-one support.
 - Self-Service: Customers interact with the product or service on their own.
 - Automated Services: Use of technology to provide services.
 - o Communities: Building user communities for support and engagement.
 - Co-Creation: Involving customers in the creation or improvement of the product.

1.5. Revenue Streams

- Definition: The ways a company generates income from its customer segments.
- Types:
 - o Transaction-Based Revenue: One-time payments for products or services,
 - o Recurring Revenue: Subscription models or repeat purchases.
 - Licensing: Fees for the use of intellectual property.
 - o Advertising: Revenue from advertising to users or other businesses.
 - Brokerage Fees: Commissions from transactions between buyers and sellers.



Trainer giving introduction about Business Model

Learning outcomes

- Understanding Business Components: Recognize how each element of the business model contributes to overall success.
- Model Design: Learn to design a business model that aligns with your value proposition, customer needs, and revenue goals.
- Strategic Alignment: Ensure that your business model supports your strategic objectives and operational capabilities.

Convener

Dean Quality Assurance

Mr.A.A.Hipparkar

Mr.S.V.Kalel

Principal

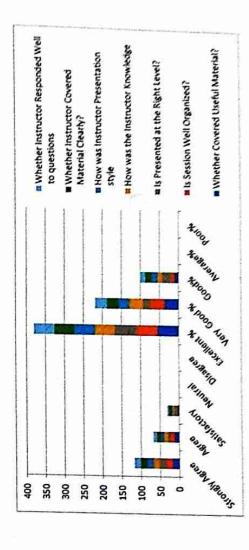
College of Engineering, Phaltan DEPARTMENT OF COMPUTER ENGINEERING

Feedback Analysis Report on Faculty Development Program
Innovation , Strat-up, IPR and Funding

Academic Year 2024-25

Total Faculties:31

	TOTAL THE THE T									-	
Sr.No.	Statements	Strongly Agree	Agree	atisfactor	Neutral	Disagree Excel	Excellent %	Good %	Good%	Average%	Poor%
-	Whether Covered Useful Material?	17	Ξ	9	0	0	55	35	10	0	Ф
2	Is Session Well Organized?	17	13	က	0	0	55	39	10	0	0
_ش	Is Presented at the Right Level?	81	9	7	0	0	58	61	ដ	0	0
7	How was the Instructor Knowledge	91	11	4	0	0	33	35	ព	0	0
S	How was Instructor Presentation style	17	6	3	0	0	55	क्ष	16	0	0
v	Whether Instructor Covered Material Clearly?	16	6	S	0	0	લ	81	16	0	9
7	Whether Instructor Responded Well to questions	11	10	4	0	0	55	ж	ន	0	0



College of Engineering Phaltan

Faculty Development Program Daily Session Report

Name of the FDP: "Innovation ,Strat-up,IPR and Funding"

Topic Covered in FDP: "Intellectual Property Right - IPR"

Date and Time of FDP: 31/07/2024, 11.00 am to 1.00 pm

Name of the Resource Person: Mr. Swapnil Kulkarni

Participation:

Sr. No.	No. of Faculties Participated	Online	Offline
1	68	08	60

Write briefly about session topic delivered:

INTRODUCTION

Types of Intellectual Property Rights

1.1. Patents

- Definition: Legal rights granted to an inventor for a novel and useful invention or discovery, giving them exclusive rights to make, use, and sell the invention for a specified period (usually 20 years).
- Types:
 - Utility Patents: Cover new and useful processes, machines, or compositions of
 - Design Patents: Protect the ornamental design of a functional item.
 - Plant Patents: Protect new and distinct plant varieties.
- - Application Process: Requires a detailed application and examination process.
 - Disclosure: Inventors must publicly disclose how the invention works.

Enforcement: The patent holder must enforce their rights and can take legal action against infringement.

1.2. Trademarks

- Definition: Signs, symbols, logos, or words used to distinguish goods or services of one company from those of others. Trademarks help protect brand identity and prevent confusion among consumers.
- Types:
 - Word Marks: Names or phrases used to identify products or services.
 - Design Marks: Logos or symbols.
 - Service Marks: Marks used to identify services rather than products.
- Considerations:
 - Registration: While not mandatory, registration provides stronger legal protection.
 - Renewal: Trademarks need to be renewed periodically.
 - Use: Must be actively used in commerce to maintain protection.

1.3. Copyrights

- Definition: Protects original works of authorship such as literature, music, art, and software. Copyright gives the creator exclusive rights to reproduce, distribute, perform, and display their work.
- Considerations:
 - o Automatic Protection: Copyright protection is automatic upon creation of the work, but registration provides additional legal benefits.
 - Duration: Protection typically lasts for the life of the author plus 70 years, or for 95 years from publication for corporate authorship.
 - Licensing: Copyright holders can license their work to others for use.

1.4. Trade Secrets

- Definition: Information that is not publicly known and provides a competitive edge. This includes formulas, practices, processes, or designs.
- Considerations:
 - Protection Measures: Requires secrecy measures such as non-disclosure agreements and internal security practices.
 - Duration: Protection lasts as long as the information remains confidential.
 - Enforcement: Legal action can be taken against misappropriation or theft.



Trainer giving introduction about Intellectual Property Right - IPR.

Learning outcomes

- Understanding IP Types: Recognize the different types of intellectual property and their specific protections.
- 2. Strategic Importance: Appreciate the role of IP in fostering innovation, maintaining competitive advantage, and generating revenue.
- 3. IP Management: Learn effective strategies for managing, protecting, and monetizing intellectual property.
- Global Perspective: Understand the international aspects of IP protection and compliance.

Convener

Dean Quality Assurance

Mr.A.A.Hipprkar

Mr.S.V.Kalel

Principa

Phaltan Education Society's

College of Engineering, Phaltan

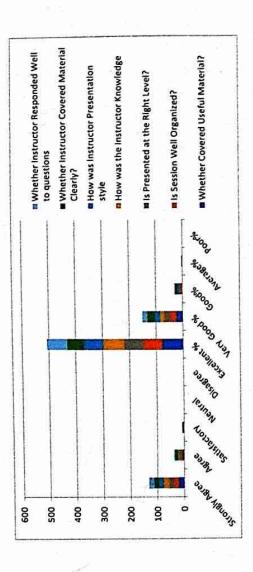
DEPARTMENT OF COMPUTER ENGINEERING

Feedback Analysis Report on Faculty Development Program

Innovation ,Strat-up, IPR and Funding

Academic Year 2023-24

	Total Faculties:26					-					I
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Phattan Education Society's

College of Engineering

Academie Year 2024-25

5 Days FDP on Innovation Strat-up, IPR and Funding
Attendance Record

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Phaltan Education Society's

College of Engineering

Academic Year 2024-25

5 Days FDP on Innovation Stret-up, IPR and Funding

Attendance Record

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Phaltan Education Society's
College of Engineering
Academic Year 2024-25
5 Days FDP on Innovation ,Strat-up, IPR and Funding
Attendance Record

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