



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

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Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai

| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Ref: NAAC 2024/MLD/Cr-6.3.3

Date-05/04/2024

<b>Criteria 6.3.3</b>	<b>Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years</b>
<b>Findings of DVV</b>	HEI to align the data on number of non-teaching staff with information in IIQA document provided; HEI to provide the weblinks to all the FDP/ MDP / Refresher courses attended by the faculty along with report, participation certificate, resource person details HEI has provided a blank data template ;HEI to note that faculty attending multiple FDP/ MDP an academic year to be counted as one for the metric 6.3.3 ; HEI to provide the participation certificates for the following teaching faculty :
<b>Response/ Clarification</b>	<ol style="list-style-type: none"><li>1. Certified list of teachers and non-teaching staff attending workshops/conference/faculty development program (<b>Appendix I</b>)</li><li>2. All activity reports and participation certificates workshops/conference/faculty development program along with attendance are attached year wise (<b>Appendix II</b>)</li></ol>



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# Appendix I



Dattakala Shikshan Sanstha's

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### 6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Year	Name of the participant	Designation	Title of the FDP /MDP/ professional development / administrative training program	Dates (from-to) (DD-MM-YYYY)
<b>2017-18</b>				
2017-18	Prof.Sakharam Fakira Khairnar	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Vishnu Prakashrao Sase	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Sharad Shankar Karne	Associate Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Subhash Mahadeo Deokar	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Siddheshwar Panditrao Shinde	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018



  
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2017-18	Swati Vijay Jagtap	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Navanath shirang Valekar	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Jagdish Sudhakar Shitole	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Firoj Ismail Mulani	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Prof. Sachin Gangadhar Dandale	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Bapurao Rajaram Valkunde	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Jeevankumar Anil Sodal	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018



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2017-18	Prof. Sachin namdev Dombale	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Narendrarao Pandurang Deshmukh	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Prof. Sumit Uttam Bagade	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Prof. Ankit Anil Gupta	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Amol Subhash Rajpure	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Prof. Ramdas Madhukar Zol	Associate Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
2017-18	Prof. Sachin Sukhdeo Bere	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018



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2017-18	Prof. Anurag Vishnupant Karande	Assistant Professor	Faculty Development Program on Effective Implementation of Teaching & Learning Process	26/03/2018 To 30/03/2018
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## 2018-19

2018-19	Prof. Vishnu Prakashrao Sase	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Jagadish Sudhakar Shitole	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Sachin Namdev Dombale	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Ajit Sambhaji Thite	Associate Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Swati Ankushrao Birajadar	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Dattatray Gopal Takale	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Tai Abaso Madane	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Sachin Santosh Shende	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Ramdas Madhukar Zol	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019



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2018-19	Prof. Tejashri Mohan Dhaygude	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Shrikant Narhari Dhage	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Hanumant Balasaheb Narute	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Santosh Suresh Kathale	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Sambhaji Anandrao Patil	Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. S. R. Mugunthan	Associate Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. R. S. Balamurugan	Associate Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Ramchandra Shrinivas Jahagirdar	Associate Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. M. Pandi	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Narendrarao Pandurang Deshmukh	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Ankit Anil Gupta	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Santosh Prakash Dhawale	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019



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2018-19	Prof. Sachin Sukhdev Bere	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Sachin Gangadhar Dandale	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Nagesh Sadashiv Magar	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Amol Subhash Rajpure	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Harshwardhan Hindurao Shinde	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Amrit Priydarshi	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Vivekand Phadatare	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Sarang Hole	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Amit Maske	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019
2018-19	Prof. Pooja katyarmal	Assistant Professor	Faculty Development Program on CO –PO Mapping	21/01/2019 To 25/01/2019



  
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**2019-20**

2019-20	Dr. Bere Sachin Sukhadeo	Assistant Professor	"Swift(ios) Programming Language"	12/06/2020 To 16/06/2020
2019-20	Prof.Sakharam Fakira Khairnar	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof.Vishnu Prakashrao Sase	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof.Jagadish Sudhakar Shitole	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Dr. Sharad Shankar Karne	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Niranjana Shivsharanappa Hugar	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof.Ramdas Madhukar Zol	Associate Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Jeevankumar Anil Sodal	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Tai Abaso Madane	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020



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2019-20	Prof. Shrikant Narhari Dhage	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Amol Subhash Rajpure	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. R. S. Balamurugan	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. S. R. Mugunthan	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Hanumant Balasaheb Narute	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Harshwardhan Hindurao Shinde	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Sambhaji Anandrao Patil	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Ajit Sambhaji Thite	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Kiran Vasant Banduke	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020



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2019-20	Prof. Rajashree Balasaheb Pansare	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020
2019-20	Prof. Nagesh Sadashiv Magar	Assistant Professor	Faculty Development Program on Research tools for Ph.D. Aspirants (Online)	26/05/2020 To 30/05/2020

**2020-21**

2020-2021	Prof. Sakharam Fakira Khairnar	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Santosh Suresh Kathale	Assistant Professor	one week online program on " Scope of IOT and its Applications in Automotive and Agricultural Industry ( Phase -II)	22/03/2021 To 27/03/2021
2020-2021	Dr. Deshmukh Narendra Pandurang	Assistant Professor	Global Pandemic Outbreak : Role Of technology and Automation	1/6/2020 To 5/6/2020
2020-2021	Dr. Bere Sachin Sukhadeo	Assistant Professor	Design Thinking Approaches In Engineering	22/06/2020 To 26/06/2020
2020-2021	Prof. Jagadish Sudhakar Shitole	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Kamalkishor Mulchand Sharma	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021



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2020-2021	Prof. Vishnu Prakashrao Sase	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Siddheshwar Panditrao Shinde	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Navanath Shrirange Valekar	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Tai Abaso Madane	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Rajashree Balasaheb Pansare	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Abhijit Balasaheb Shendage	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Shivaji Subhash Bhosale	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Nandkishor Marutrao Sawai	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. M M Pandi	Associate Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021



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2020-2021	Prof. Ankit Anil Gupta	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof.Snehal Shrikant Mahadik	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof.Madina Shahajan Tamboli	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof.Swati Amol Kadam	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Vithal Gulabrao Arajpure	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof.Vasudha Balaso Deokate	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Harish Sunil Avchat	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Archana Haribhau Bhapkar	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
2020-2021	Prof. Amol Subhash Rajpure	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021



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2020-2021	Prof. Nagesh Sadashiv Magar	Assistant Professor	Faculty Development Program on Research paper & Project paper writing	26/04/2021 To 30/04/2021
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## 2021-22

2021-2022	Prof. Santosh Suresh Kathale	Assistant Professor	One Week short term training program on "ZERO BASED COSTING IN MECHANICAL INDUSTRIES.	25/02/2022 To 04/03/2022
2021-2022	Dr. Bere Sachin Sukhadeo	Assistant Professor	Faculty Development Program(online) on "Current Research Trends in Computer Engineering"	28/03/2022 To 01/04/2022
2021-2022	Dr. Bere Sachin Sukhadeo	Assistant Professor	Industry 4.0 Technologies and Research Trends	26/12/2022 To 31/12/2022
2021-2022	Prof.Siddheshwar Panditrao Shinde	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof.Navanath Shrirang Valekar	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof.Jagadish Sudhakar Shitole	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof.Jeevankumar Anil Sodal	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Dnyaneshwar Dattatray Shinde	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022



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2021-2022	Prof. Rajani Bhange (Zol)	Lecturer	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Harshvardhan N. Zol	Lecturer	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Shivaji Subhash Bhosale	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Akshay Dayanand Rajput	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Dr. Appasaheb Adappa Keste	Associate Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Archana H. Bhapkar	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Madina Shahajan Tamboli	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Ramdas Madhukar Zol	Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Abhijit Balasaheb Shendge	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Popat Harising Nagare	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Shrikant Dadasaheb Salunke	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022



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Approved by AICTE - New Delhi, DTE - Mumbai, Recognized by Govt. of Maharashtra

Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai

| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

2021-2022	Prof. Swati Amol Kadam	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Vijaysing Thau Rathod	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022
2021-2022	Prof. Swati Amol Kadam	Assistant Professor	Faculty Development Program on Development electric & hybrid vehicles	24/01/2022 To 29/01/2022



  
Director  
Dattakala Group of Institutions  
Swami-Chincholi, Tal Daund  
Dist.-Pune. Pin - 413 130

# Appendix II

■

**2017-2018**

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# Certificate of Appreciation

This certificate is awarded to

Prof. Sakharam Fakira Khairnar

Has completed the course of FDP on Effective implementation of teaching & learning process from 26.03.2018 to 30.03.2018 successfully. Congratulations!



Coordinator



Principal

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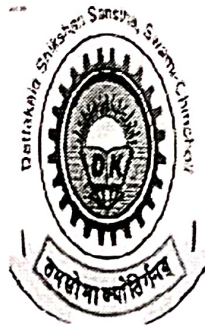
This certificate is awarded to

Prof. Vishnu Prakashrao Sase

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# Certificate of Appreciation

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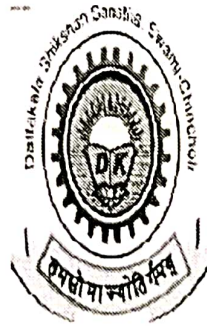
This certificate is awarded to

Prof. Firoj Ismail Mulani

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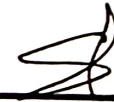
This certificate is awarded to

Prof. Sachin Gangadhar Dandale

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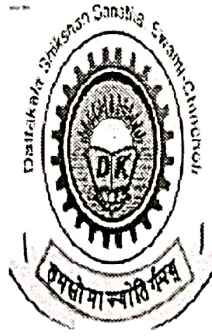
This certificate is awarded to

Prof. Bapurao Rajaram Valkunde

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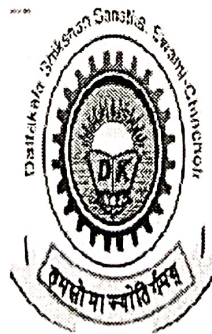
This certificate is awarded to

Prof. Jeevankumar Anil Sodal

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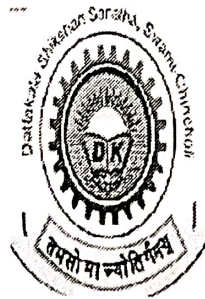
This certificate is awarded to

Prof. Sachin Namdev Dombale

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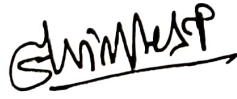
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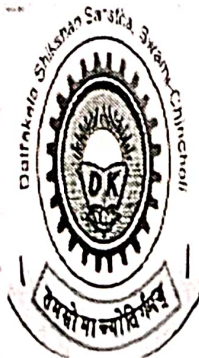
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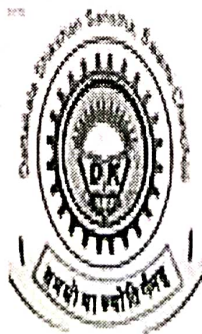
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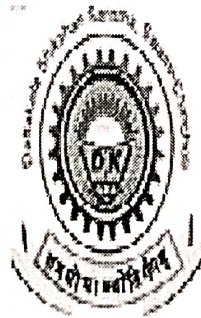
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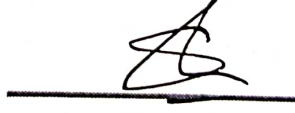
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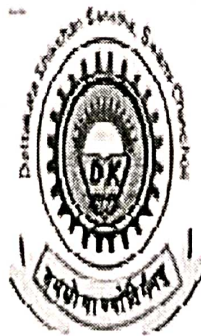
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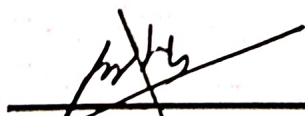
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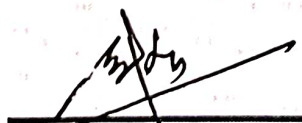
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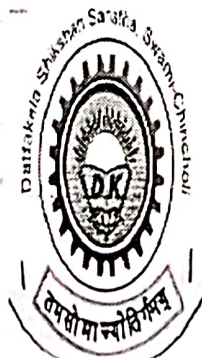
## CERTIFICATE OF COMPLETION

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**Pr of . Ha r shwa r dha n Hindur a o  
Shinde**

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**Pr of . Amr it Pr iyda r shi**

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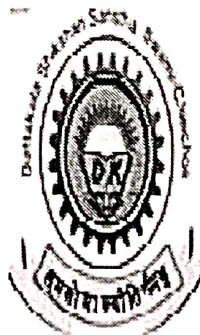
## CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

**PROF. VIVEKAND PHADATARE**

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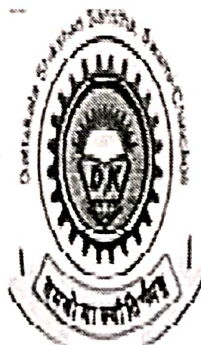
## CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

**PROF. SARANG HOLE**

We give this because He has participated in FDP(CO-PO Mapping) from  
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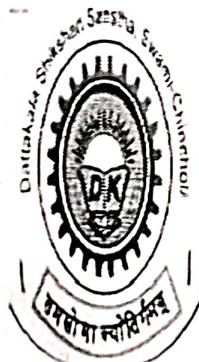
## CERTIFICATE OF COMPLETION

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**Pr of. Amit Ma ske**

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## CERTIFICATE OF COMPLETION

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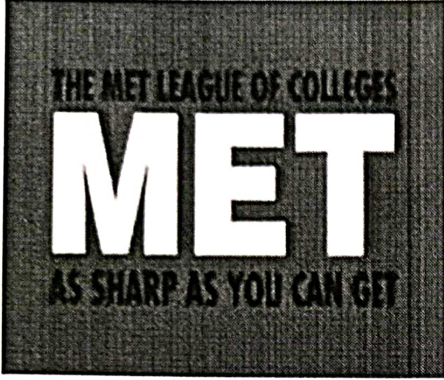
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2019-2020



Department of Information Technology,  
MET's Institute of Engineering  
Bhujbal Knowledge City  
Nashik-422003

## PARTICIPATION CERTIFICATE

Certified that Bere Sachin Sukhadeo from Dattakala Group of Institutions FOE, Bhigwan has successfully participated in Online Faculty Development Program on "Swift(ios) Programming Language" from 12th May to 16th May 2020.

A handwritten signature in black ink, appearing to read "P. Lahane".

Co-ordinator  
Prof. Priti Lahane

A handwritten signature in black ink, appearing to read "S.V. Gumaste".

Head of Department  
Dr. S.V. Gumaste

A handwritten signature in black ink, appearing to read "V.P. Wani".

Principal  
Dr. V.P. Wani

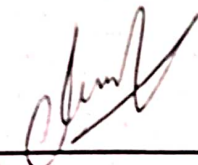
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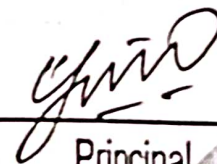
THIS CERTIFICATE IS AWARDED TO

**Pr of .Sa khar a mFakir a Khair nar**

has participated FDP on Research tools for Ph.D. Aspirants (Online)  
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Principal

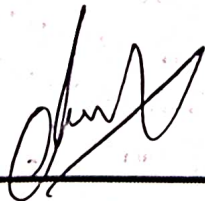
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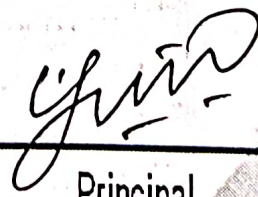
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**Pr of. Vishnu Pr a ka shr a o Sa se**

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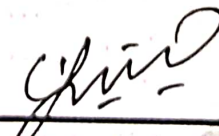
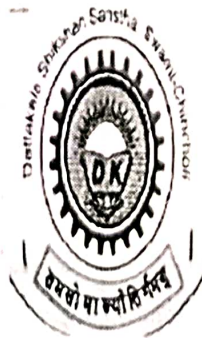
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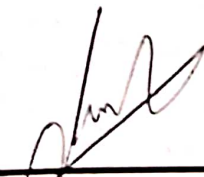
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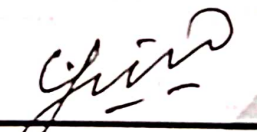
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**Dr . Sharad Shankar Karne**

has participated FDP on Research tools for Ph.D. Aspirants (Online)  
from 26-05-2020 To 30-05-2020 that we organized

  
Coordinator



  
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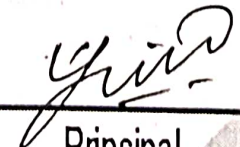
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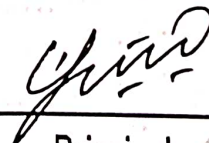
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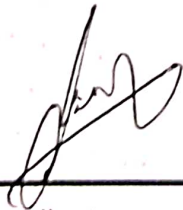
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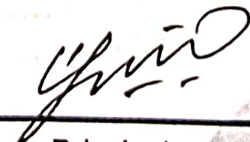
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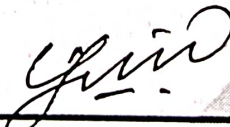
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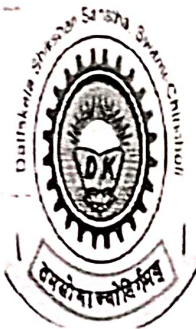
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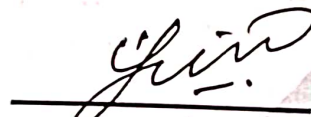
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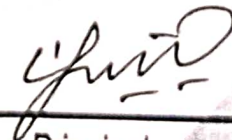
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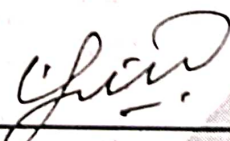
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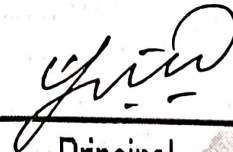
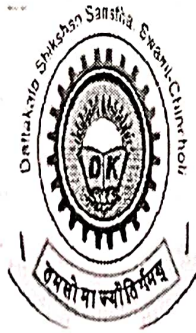
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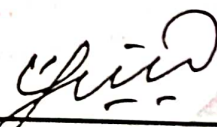
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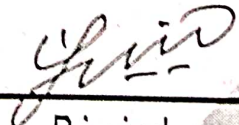
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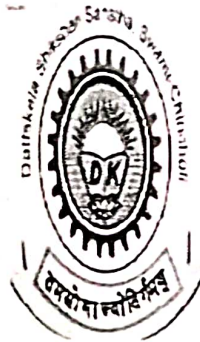
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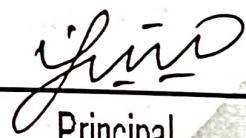
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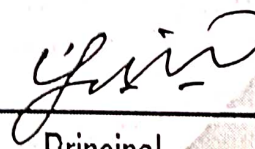
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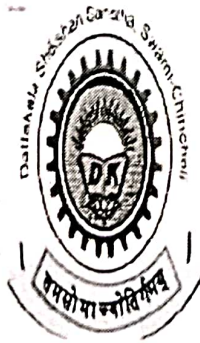
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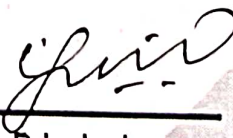
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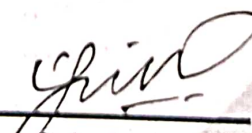
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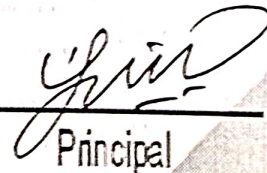
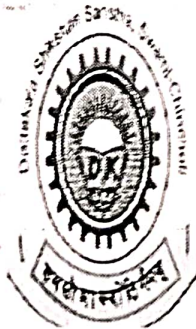
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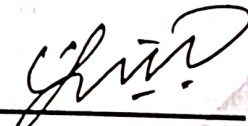
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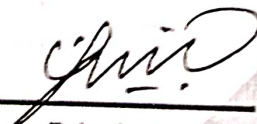
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**2020-2021**

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Prof. Sakharam Fakira Khairnar

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26-04-2021 TO 30-04-2021



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# Government College of Engineering and Research

Awasari (Khurd), Tal-Ambegaon, District-Pune.

Department of Automobile Engineering

in association with

GCOEARA-ISTE Chapter



*One Week AICTE-ISTE Orientation/Refresher Online Program*

## Certificate

*This is to Certify that Mr. Santosh Suresh Kathale has attended one week online program on "Scope of IOT and its Applications in Automotive and Agricultural Industry (Phase-II)" approved & sponsored by AICTE and ISTE, New Delhi, organized by Automobile Engineering Department in association with GCOEARA-ISTE Chapter during 22nd March to 27th-March 2021 at Government College of Engineering and Research, Awasari (Khurd), Tal-Ambegaon, Dist-Pune, Maharashtra.*

Mr. R. P. Kakde  
Co-Coordinator

Mr. V. Y. Dhepe  
Coordinator

Dr. D. R. Pangavhane  
Convener

Dr. A. S. Pant  
Principal

**JSS MAHAVIDYAPEETHA**

**JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
(NBA Accredited)

**5-DAY GLOBAL E-SYMPOSIUM**

**CERTIFICATE OF PARTICIPATION**

This is to certify that

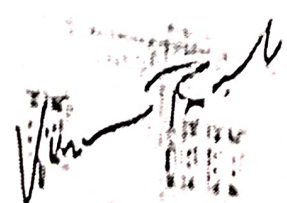
**PROF. NARENDRA PANDURANG DESHMUKH**

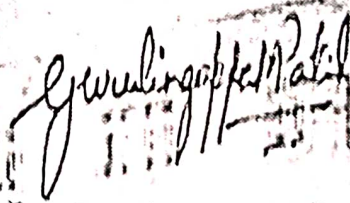
**DATTAKALA FACULTY OF MANAGEMENT**

has attended the 5-Day Global E-Symposium on

**"Global Pandemic Outbreak : Role of Technology & Automation (GPORTA)"**

held from 1<sup>st</sup> June to 5<sup>th</sup> June, 2020 at JSSATE, Noida.

  
**Dr. Vikram Bali**  
Professor & Head - CSE  
Convener - GPORTA

  
**Dr. Gurulingappa M Patil**  
Principal  
Chief Convener - GPORTA



Shri Vithal Education & Research Institute's  
College of Engineering, Pandharpur  
Department of Civil Engineering  
**Certificate of Participation**

**Five Days Online Faculty Development Programme**

**"Design Thinking Approaches In Engineering"**

*This is to certify that*

Mr. Bere Sachin Sukhadeo from Dattakala Group of Institutions FOE Bhigwan has attended Five Days Online FDP on "Design Thinking Approaches In Engineering" from 22<sup>nd</sup> June to 26<sup>th</sup> June, 2020 Organized by *Department of Civil Engineering, SVERI's College of Engineering, Pandharpur, Maharashtra.*

(Prof. C. R. Limkar)  
FDP Coordinator

(Dr. P. M. Pawar)  
Convenor

(Prof. Dr. B. P. Ronge)  
Principal

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Prof. Jagadish Sudhakar Shitole

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PROGRAMMING

# Certificate

This certificate is awarded to

Prof. Nagesh Sadashiv Magar

OF DATTAKALA FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM ON RESERCH PAPER & PROJECT PAPER WRITING FROM  
26-04-2021 TO 30-04-2021



FDP  
COORDINATOR



Principal DGOI

2021-2022



**ZEAL**  
INSTITUTES

www.zealeducation.com  
NARHE | PUNE | INDIA



# ZEAL COLLEGE OF ENGINEERING & RESEARCH, PUNE

**Department of Mechanical Engineering**



Indian Society for Technical Education &  
Mechatrol Engineering Solutions



**CERTIFICATE OF PARTICIPATION**

*Prof Santosh Suresh Kathale*

Head of Department, Mechanical Engineering, Dattakala Group of Institutions Faculty of Engineering,

Pune  
Participated in the Online Industry Sponsored & ISTE Approved One Week Short Term Training Program on

ZERO BASED COSTING IN MECHANICAL INDUSTRIES Conducted from 25<sup>th</sup> February to 04<sup>th</sup> March 2022 at

Zeal College of Engineering & Research, Pune.

Mr. Anand Bhise  
Director  
Mechatrol Product  
Engineering Solutions Pvt. Ltd. Pune

Prof. S. M. Godase  
HOD, Mechanical Engineering  
ZCOER, Pune

Dr. A. M. Kato  
Principal,  
ZCOER, Pune

Prof. U. S. Shid  
Director,  
Academic, Administration & Admissions  
ZES, Narho Campus, Pune

Made for free with Certify'em

**DPU**

Dr. D. Y. Patil Unitech Society's

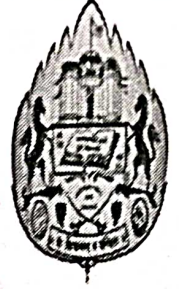
Dr. D. Y. Patil Institute of Technology, Pimpri,  
Pune, 411018

Department of Computer Engineering

# CERTIFICATE

OF PARTICIPATION

This is to certify that



**Dr. Bere Sachin Sukhadeo**

has attended five days Faculty Development Program(online) on "Current Research Trends in Computer Engineering" held from 28<sup>th</sup> March 2022 to 1<sup>st</sup> April 2022 organized by the Department of Computer Engineering in association with research cell, DIT.

Dr. Swati Nikam  
Co-convener

Dr. Santosh Chobe  
Convener

Dr. Radhika Menon  
Associate Dean Research

Dr. Pramod Patil  
Principal



PCET's

Pimpri Chinchwad College of Engineering & Research  
Ravet, Pune - 412101



Department of Computer Engineering

One Week Faculty Development Program on  
"Industry 4.0 Technologies and Research Trends"

## CERTIFICATE OF PARTICIPATION

This is to certify that Dr.Sachin BERE FROM DGOIFOE, BHIGVAN has participated in One Week Faculty Development Program on "Industry 4.0 Technologies and Research Trends" organized by PCET's Pimpri Chinchwad College of Engineering and Research, Ravet, Pune-412101 during 26 to 31 December 2022.

Dr. Archana. K

FDP Coordinators

Mrs. Deepa M.

Dr. A. A. Chaugule

HOD

Dr. H. U. Tiwari

Principal

DATTAKALA GROUP OF INSTITUTIONS

# CERTIFICATE

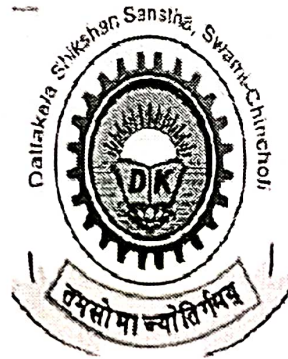
of completion

This Certificate Is Presented To

Pr of . Siddheshwar P. Shinde

OF DATTAKALA FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED  
FACULTY DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles  
FROM 24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

DATTAKALA GROUP OF INSTITUTIONS

# CERTIFICATE

of completion

This Certificate Is Presented To

Pr of . N a v a n a t h S. V a l e k a r

OF DATTAKALA FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED  
FACULTY DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles

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FDP COORDINATOR



  
PRINCIPAL  
DGI

DATTAKALA GROUP OF INSTITUTIONS

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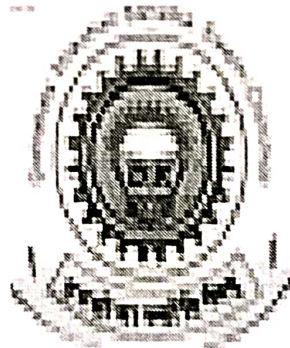
of completion

This Certificate Is Presented To

Pr of . Ja ga dish S. Shit ol e

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles FROM  
24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

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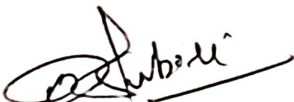
DATTAKALA GROUP OF INSTITUTIONS  
**CERTIFICATE**

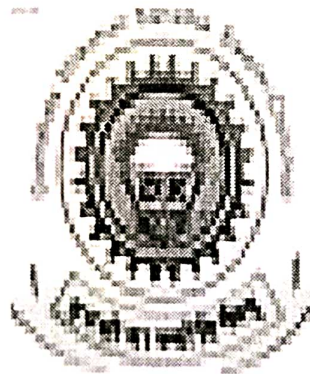
of completion

This Certificate Is Presented To

Pr of .Jeevankumar Anil Soda

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

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# CERTIFICATE

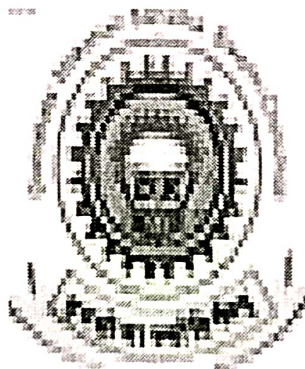
of completion

This Certificate Is Presented To

Pr of . Dnyaneshwar D. Shinde

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles FROM  
24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

DATTAKALA GROUP OF INSTITUTIONS

# CERTIFICATE

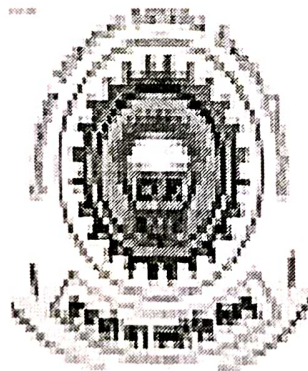
of completion

This Certificate Is Presented To

Pr of . Raj ani Bhan ge (Zol )

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles FROM  
24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

DATTAKALA GROUP OF INSTITUTIONS

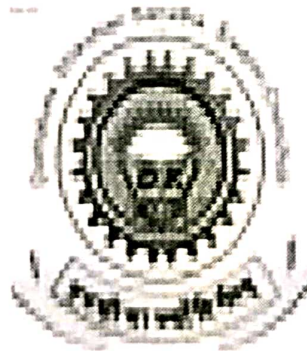
# CERTIFICATE of completion

This Certificate Is Presented To

Pr of . Ha r shva r dha n N. Zol

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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DGOI

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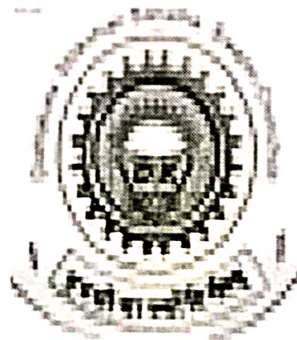
of completion

This Certificate Is Presented To

Pr of .Shivaji S. Bhosale

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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FDP COORDINATOR



  
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DATTAKALA GROUP OF INSTITUTIONS

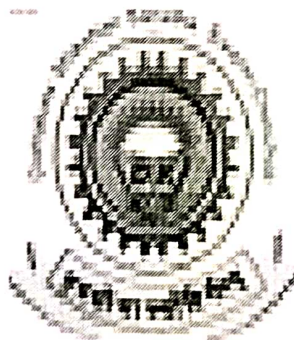
# CERTIFICATE of completion

This Certificate Is Presented To

Pr of .Akshay D. Rajput

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles FROM  
24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI

DATTAKALA GROUP OF INSTITUTIONS

# CERTIFICATE

of completion

This Certificate Is Presented To

Dr .Appa sa heb Ada ppa Kest e

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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DGOI

DATTAKALA GROUP OF INSTITUTIONS

# CERTIFICATE

of completion

This Certificate Is Presented To

Pr of .Ar chana H. Bha pka r

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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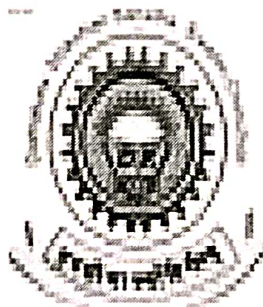
of completion

This Certificate Is Presented To

Pr of . Ma dina S. Tambol i

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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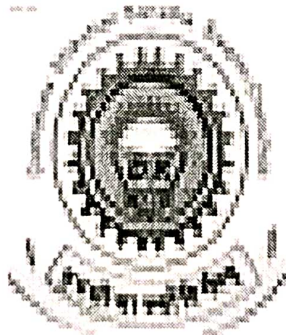
# CERTIFICATE of completion

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Pr of . Ra mda s Ma dhuk a r Zol

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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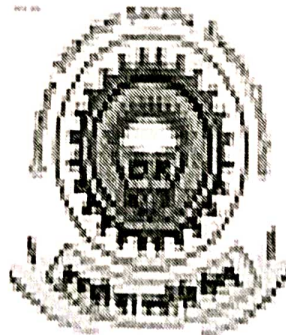
of completion

This Certificate Is Presented To

Pr of .Abhijit B. Shendge

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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24/01/2022 TO 29/01/2022 (ONE WEEK)

  
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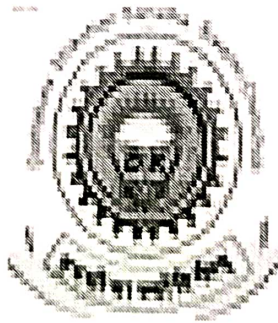
of completion

This Certificate Is Presented To

Pr of .Popat Harising Nagare

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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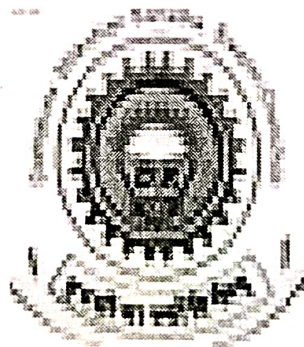
# CERTIFICATE of completion

This Certificate Is Presented To

Pr of . Shr i k a n t D. Sa l u n k e

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
DEVELOPMENT PROGRAM IN Development Electric & Hybrid vehicles FROM  
24/01/2022 TO 29/01/2022 (ONE WEEK)

  
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DGOI

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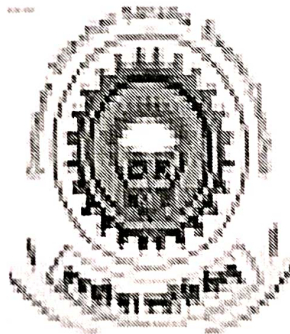
of completion

This Certificate Is Presented To

Pr of . Swa ti Amol Ka dam

FACULTY OF ENGINEERING BHIGWAN HAS COMPLETED FACULTY  
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24/01/2022 TO 29/01/2022 (ONE WEEK)

  
FDP COORDINATOR



  
PRINCIPAL  
DGOI



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

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Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai

| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 17/03/2018

## Request Letter

To

The Principal,

Dattakala Group of Institutions,

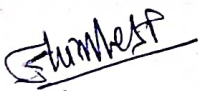
Swami Chincholi, Dist- Pune.

**Subject:** - Request to conduct FDP on "Effective Implementation of Teaching & Learning Process".

Respected Sir,

With reference to the above subject we want to conduct the Faculty Development Program (FDP) on "Effective Implementation of Teaching & Learning Process". The tenure of the program is 20 hrs. The certificate will be provided after successful completion of the course. Kindly grant permission for the same.

Thanks & Regards,

  
Co-ordinator

Prof.S.P.Shinde



  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist.Pune-412



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 22/03/2018

## Circular

All the faculty are hereby informed that the Institute is planning to conduct a FDP on the topic- "Effective Implementation of Teaching & Learning Process" for the academic session 2017-2018.

The details are as follows:

Sr. No.	Value-Added Program	Name of Program Coordinator
1.	Effective Implementation of Teaching & Learning Process	Prof. S. P. Shinde

The Effective Implementation of Teaching & Learning Process FDP is of 20 hrs duration. Interested faculty are requested to register for "Effective Implementation of Teaching & Learning Process" FDP. Faculty who will be completing the course successfully with a 65% attendance only gets a certificate from the institute.

*Shinde P*

Coordinator

Prof. S. P. Shinde



*AB*  
Principal

Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-4112



Dattakala Shikshan Sanstha's

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

**Name of the Program:** Effective Implementation of Teaching & Learning Process

**Session:** 5

**Duration:** 20 Hrs

## Syllabus & Course Content

Sr. No.	Course Content
01	<b>The joy of teaching:</b> To witness the diversity of growth in young people, and their joy in learning. To encourage lifelong learning both for yourself and for others. To experience the challenge of devising and doing interesting, exciting activities for the young.
02	<b>Attributes of an effective teacher:</b> For instance, teachers are charged with the responsibility of providing students with specific content knowledge, Patience and Humor, knowledge and teacher's education.
03	<b>Time management:</b> The 4 Ds are: Do, Defer (Delay), Delegate, and Delete (Drop). Placing a task or project into one of these categories helps you manage your limited time more effectively and stay focused on what matters most to you.
04	<b>Outcome based education(OBE):</b> (1) curriculum design, (2) teaching and learning methods, (3) assessment, and (4) continual quality improvement (CQI) and monitoring.
05	<b>Importance of communication in teaching – learning process:</b> Terms of educational contact. The goal of this communication should be clearly and specifically defined. Having a reaction and a response from the receiver. Instilling desire and motives for educational contact between all parties. Professional communication skills with students.



Dattakala Shikshan Sanstha's

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

## Schedule for Effective Implementation of Teaching & Learning Process

Date	Days	Time	Course Content
26/03/2018	Monday	10am-12.00pm Break 02.00 pm- 4pm	<b>The joy of teaching:</b> To witness the diversity of growth in young people, and their joy in learning. To encourage lifelong learning both for yourself and for others. To experience the challenge of devising and doing interesting, exciting activities for the young.
27/03/2018	Tuesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Attributes of an effective teacher:</b> For instance, teachers are charged with the responsibility of providing students with specific content knowledge, Patience and Humor, knowledge and teacher's education.
28/03/2018	Wednesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Time management:</b> The 4 Ds are: Do, Defer (Delay), Delegate, and Delete (Drop). Placing a task or project into one of these categories helps you manage your limited time more effectively and stay focused on what matters most to you.
29/03/2018	Thursday	10am-12.00pm Break 02.00 pm- 4pm	<b>Outcome based education(OBE):</b> (1) curriculum design, (2) teaching and learning methods, (3) assessment, and (4) continual quality improvement (CQI) and monitoring.
30/03/2018	Friday	10am-12.00pm Break 02.00 pm- 4pm	<b>Importance of communication in teaching – learning process:</b> Terms of educational contact. The goal of this communication should be clearly and specifically defined. Having a reaction and a response from the receiver. Instilling desire and motives for educational contact between all parties. Professional communication skills with students.



Dattakala Shikshan Sanstha's  
**DATTAKALA GROUP OF INSTITUTIONS**

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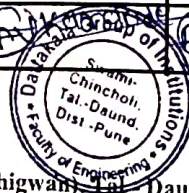
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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

**ATTENDANCE SHEET**

**Topic Name:** Effective Implementation of Teaching & Learning Process

**Period from:** 26/03/2018 to 30/03/2018

Sr. No.	Name of faculty	26/03/2018	27/03/2018	28/03/2018	29/03/2018	30/03/2018
1	Prof.Sakharam Fakira Khairnar	SFK	SFK	SFK	SFK	SFK
2	Prof.Vishnu Prakashrao Sase	VS	VS.	VS.	VS.	VS.
3	Dr. Sharad Shankar Karne	SK	SK	SK	SK	SK
4	Prof.Subhash.M. Deokar	SD	SD	SD	SD	SD
5	Prof.Siddheshwar Panditrao Shinde	SS	SS	SS	SS	SS
6	Prof.Swati Vijay Jagtap	Swati J	Swati J	Swati J	Swati J	Swati J
7	Prof.Navanath shirang Valekar	NSK	NSK	NSK	NSK	NSK
8	Prof.Jagdish Sudhakar Shitole	Shitole	Shitole	Shitole	Shitole	Shitole
9	Prof.Firoj Ismail Mulani	FIM	FIM	FIM	FIM	FIM
10	Prof. Sachin Gangadhar Dandale	S.Dandale	S.Dandale	S.Dandale	S.Dandale	S.Dandale
11	Prof.Bapurao Rajaram Valkunde	B.R.V.	B.R.V.	B.R.V.	B.R.V.	B.R.V.
12	Prof.Jeevankumar Anil Sodal	JS	JS	JS	JS	JS
13	Prof. Sachin namdev Dombale	Sachin.D	Sachin.D	Sachin.D	Sachin.D	Sachin.D
14	Prof.Narendrarao Pandurang Deshmukh	ND	ND	ND	ND	ND
15	Prof. Sumit Uttam Bagade	Bagade	Bagade	Bagade	Bagade	Bagade
16	Prof. Ankit Anil Gupta	AGupte	AGupte	AGupte	AGupte	AGupte
17	Prof.Amol Subhash Rajpure	AR	AR	AR	AR	AR
18	Prof. Ramdas M. Zol	RZ	RZ	RZ	RZ	RZ
19	Prof. Sachin Sukhdeo Bere	SB	SB	SB	SB	SB
20	Prof.Anurag V. Karande	A.V.Karande	A.V.Karande	A.V. Karande	A.V. Karande	A.V. Karande



**Dattakala Group of Institutions**  
Faculty of Engineering

Swami-Chincholi, Tal.Daund, Dist.Pune-412-



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

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Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai  
| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 01/04/2018

## Report of the FDP

2017-2018

**Activity:** Effective Implementation of Teaching & Learning Process

**Venue:** Dattakala Group of Institutions, Swami Chincholi, Seminar Hall

**Duration:** 26/03/2018 to 30/03/2018

**Participants count:** 20 Staff members.

**Objective:** To develop the learning objectives among all the staff. These objectives pave the way for a structured and purposeful teaching and learning process, creating an environment where knowledge is imparted.

Prof. S. S. Kathale has given valuable guidance about the teaching process to all the staff.



*A*  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist.Pune-412-



Dattakala Shikshan Sanstha's

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Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai  
| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 12/01/2019

## Request Letter

To

The Principal,

Dattakala Group of Institutions,

Swami Chincholi, Dist- Pune.

**Subject:** - Request to conduct FDP on "CO -PO Mapping".

Respected Sir,

With reference to the above subject we want to conduct the Faculty Development Program (FDP) on "CO -PO Mapping". The tenure of the program is 20 hrs. The certificate will be provided after successful completion of the course. Kindly grant permission for the same.

Thanks & Regards,

  
Co-ordinator

Prof. S. S. Kathale



  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist.Pune-412-



Dattakala Shikshan Sanstha's

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 17/01/2019

## Circular

All the faculty are hereby informed that the Institute is planning to conduct a FDP on the topic- "CO -PO Mapping" for the academic session 2018-2019.

The details are as follows:

Sr.No.	Value-Added Program	Name Program Coordinator
1.	CO -PO Mapping	Prof. S. S. Kathale

The CO -PO mapping is of 20 hrs duration. Interested faculty are requested to register for CO - PO mapping at earliest. Faculty who will be completing the courses successfully with a 65% attendance only gets a certificate from the institute.

  
Coordinator

Prof. S. S. Kathale



  
Principal

Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist. Pune-412



Dattakala Shikshan Sanstha's

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Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai  
| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

## Syllabus & Course Content

Name of the Program: CO –PO Mapping

Session: 5

Duration: 20 Hrs.

Sr. No.	Course Content
01	<b>Vision, Mission &amp; Outcome Based Education:</b> Outcome-based Education Framework & its Components (Vision, Mission & PEO) , Graduate Attributes & Student Learning Outcomes , 'Bloom's taxonomy of Learning Levels in cognitive, psychomotor and affective domains' Bloom Taxonomy and Design of Learning Outcomes and Project-Based Learning and Design of Outcome based Curriculum
02	<b>Mapping &amp; Attainment of COs and Pos, Course File Preparation:</b> 'Formulating learning outcomes in cognitive domain based on Bloom's taxonomy, Mapping of Course Outcome & Programme Outcomes, Attainment of CO, PO and Continuous Quality Improvement
03	<b>Implementation and using of OBE:</b> Outcomes-Based and Student-Centered Teaching & Learning Strategies to enhance quality of Higher Education, Instructional Design in Outcomes-Based Teaching & Learning, Designing Teaching Learning Process for OBE
04	<b>Achieving Academic Excellence:</b> Assessment Techniques in Student Learning- An Approach in the New NEP 2020, Processes to improve courses and Program curriculum, Assessment and Question paper setting
05	<b>Occupational Stress Management:</b> Stress the Basics, Types of Stress, Identifying Stress, Building a Stress-free life Cycle, Skills of an effective Stress Manager, Stress Management Tool Kit, Acceptance & Expectation



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## Schedule for CO –PO Mapping

Date	Days	Time	Course Content
21-01-2019	Monday	10am-12.00pm Break 02.00 pm- 4pm	<b>Vision, Mission &amp; Outcome Based Education:</b> Outcome-based Education Framework & its Components (Vision, Mission & PEO), Graduate Attributes & Student Learning Outcomes, 'Bloom's taxonomy of Learning Levels in cognitive, psychomotor and affective domains' Bloom Taxonomy and Design of Learning Outcomes and Project-Based Learning and Design of Outcome based Curriculum
22-01-2019	Tuesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Mapping &amp; Attainment of COs and Pos, Course File Preparation:</b> 'Formulating learning outcomes in cognitive domain based on Bloom's taxonomy, Mapping of Course Outcome & Programme Outcomes, Attainment of CO, PO and Continuous Quality Improvement
23-01-2019	Wednesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Implementation and using of OBE:</b> Outcomes-Based and Student-Centered Teaching & Learning Strategies to enhance quality of Higher Education, Instructional Design in Outcomes-Based Teaching & Learning, Designing Teaching Learning Process for OBE
24-01-2019	Thursday	10am-12.00pm Break 02.00 pm- 4pm	<b>Achieving Academic Excellence:</b> Assessment Techniques in Student Learning- An Approach in the New NEP 2020, Processes to improve courses and Program curriculum, Assessment and Question paper setting
25-01-2019	Friday	10am-12.00pm Break 02.00 pm- 4pm	<b>Occupational Stress Management:</b> Stress the Basics, Types of Stress, Identifying Stress, Building a Stress-free life Cycle, Skills of an effective Stress Manager, Stress Management Tool Kit, Acceptance & Expectation



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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

## ATTENDANCE SHEET

Topic Name: CO -PO Mapping

Period from: 21-01-2019 to 25-01-2019

Sr. No.	Name of faculty	21-01-2019	22-01-2019	23-01-2019	24-01-2019	25-01-2019
1	Prof. Vishnu Prakashrao Sase	V.P.	V.P.	V.P.	V.P.	V.P.
2	Prof. Jagadish Sudhakar Shitole	Jshitole	Jshitole	Jshitole	Jshitole	Jshitole
3	Prof. Sachin Namdev Dombale	Sachin.D	Sachin.D	Sachin.D	Sachin.D	Sachin.D
4	Prof. Ajit Sambhaji Thite	Thite(A)	Thite(A)	Thite(A)	Thite(A)	Thite(A)
5	Prof. Swati Ankushrao Birajadar	Swati	Swati	Swati	Swati	Swati
6	Prof. Dattatray Gopal Takale	Takale	Takale	Takale	Takale	Takale
7	Prof. Tai Abaso Madane	Tai	Tai	Tai	Tai	Tai
8	Prof. Sachin Santosh Shende	Sshende	Sshende	Sshende	Sshende	Sshende
9	Prof. Ramdas Madhukar Zol	Zol	Zol	Zol	Zol	Zol
10	Prof. Tejashri Mohan Dhaygude	Tejashri	Tejashri	Tejashri	Tejashri	Tejashri
11	Prof. Shrikant Narhari Dhage	Dhage	Dhage	Dhage	Dhage	Dhage
12	Prof. Hanumant Balasaheb Narute	Narute	Narute	Narute	Narute	Narute
13	Prof. Santosh Suresh Kathale	<del>SK</del>	<del>SK</del>	<del>SK</del>	<del>SK</del>	<del>SK</del>
14	Prof. Sambhaji Anandrao Patil	Patil	Patil	Patil	Patil	Patil
15	Prof. S. R. Mugunthan	SRM	SRM	SRM	SRM	SRM
16	Prof. R. S. Balamurugan	R.S.	R.S.	R.S.	R.S.	R.S.



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17	Prof. Ramchandra Shrinivas Jahagirdar					
18	Prof. M. Pandi					
19	Prof. Narendrarao P. Deshmukh					
20	Prof. Ankit Anil Gupta					
21	Prof. Santosh P. Dhawale					
22	Prof. Sachin Sukhdev Bere					
23	Prof. Sachin Gangadhar Dandale					
24	Prof. Nagesh Sadashiv Magar					
25	Prof. Amol Subhash Rajpure					
26	Prof. Harshwardhan Hindurao Shinde					
27	Prof. Amrit Priydarshi					
28	Prof. Vivekand Phadataré					
29	Prof. Sarang Hole					
30	Prof. Amit Maske					
31	Prof. Pooja katyarmal					



Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-412



Date: 28/01/2019

## Report of the FDP

2018-2019

**Activity:** CO –PO Mapping

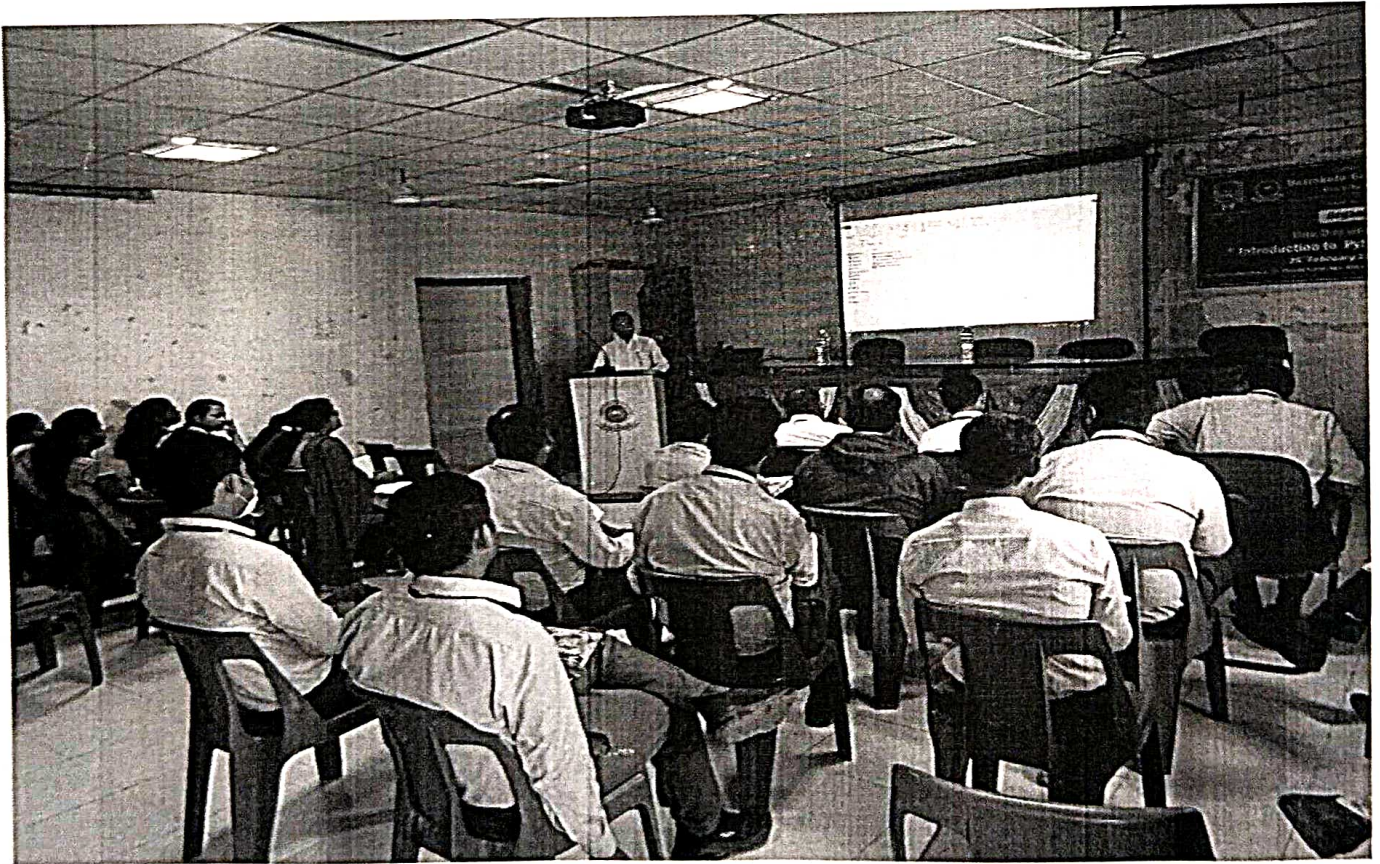
**Venue:** Dattakala Group of Institutions, Swami Chincholi, Seminar Hall

**Duration:** 21/01/2019 to 25/01/2019

**Participants count:** 31 Staff members.

**Objective:** To develop the knowledge about course outcomes and program outcomes among all the teaching staff.

Prof. J. A. Sodal has given the valuable information about knowledge & skills acquired via course which is known as CO and expertise developed after completion of the program which is known as PO.



*A*  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-4117



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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 19/05/2020

## Request Letter

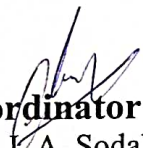
To  
The Principal,  
Dattakala Group of  
Institutions, Swami  
Chincholi, Dist- Pune.

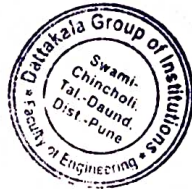
**Subject:** - Request to conduct FDP on "Research tools for Ph.D. Aspirants (Online)".

Respected Sir,

With reference to the above subject we want to conduct the Faculty Development Program (FDP) on "Research tools for Ph.D. Aspirants (Online)". The tenure of the program is 20 hrs. The certificate will be provided after successful completion of the course. Kindly grant permission for the same.

Thanks & Regards,

  
**Coordinator**  
Prof. J. A. Sodal



  
**Principal**  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist. Pune-412



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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Date: 22/05/2020


## Circular

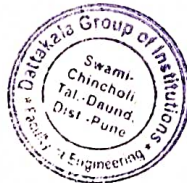
All the faculty are hereby informed that the Institute is planning to conduct a FDP on the topic- "Research tools for Ph.D. Aspirants (Online)" for the academic session 2019-2020.


The details are as:

Sr.No.	Value-Added Program	Name Program Coordinator
1.	Research tools for Ph.D. Aspirants (Online)	Prof. J. A. Sodal

The Research tools for Ph.D. Aspirants (Online) FDP is of 20 hrs duration. Interested faculty are requested to register for Research tools for Ph.D. Aspirants (Online) at earliest, faculty who will be completing the courses successfully with a 65% attendance only get a certificate from the institute.

  
Coordinator  
Prof. J. A. Sodal



  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-412



Dattakala Shikshan Sanstha's

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

**Name of the Program:** Research tools for Ph.D. Aspirants (Online)

**Session:** 5

**Duration:** 20 Hrs

## Syllabus & Course Content

Sr. No.	Course Content
01	Keynote on research Methodology, Research Design, Literature Survey, Patent Search methodology , Advanced simulation software tools
02	Experimental research, Design of Experiments (DoE), Research data collection and presentation, Scientometrics
03	Research opportunities in CE , Research facilities and Instrumentation at CoE Welding, Modeling and Simulation using MATLAB, Introduction to Engineering equation Solver (EES)
04	Simu link a tool for researcher, Reference Manager, Ethics in research, Characteristics of a researcher
05	Latex for thesis Writing , Uncertainty Analysis, Writing Research proposal and Funding opportunity ,Writing quality Research paper



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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

## Schedule For: Research tools for Ph.D. Aspirants (Online)

Date	Day	Time	Course Content
26/05/2020	Tuesday	10am-12.00pm Break 02.00 pm- 4pm	Keynote on research Methodology, Research Design, Literature Survey, Patent Search methodology , Advanced simulation software tools
27/05/2020	Wednesday	10am-12.00pm Break 02.00 pm- 4pm	Experimental research, Design of Experiments (DoE), Research data collection and presentation, Scientometrics
28/05/2020	Thursday	10am-12.00pm Break 02.00 pm- 4pm	Research opportunities in CE , Research facilities and Instrumentation at CoE Welding, Modeling and Simulation using MATLAB, Introduction to Engineering equation Solver (EES)
29/05/2020	Friday	10am-12.00pm Break 02.00 pm- 4pm	Simulink a tool for researcher, Reference Manager, Ethics in research, Characteristics of a researcher
30/05/2020	Saturday	10am-12.00pm Break 02.00 pm- 4pm	Latex for thesis Writing , Uncertainty Analysis, Writing Research proposal and Funding opportunity ,Writing quality Research paper



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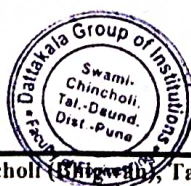
| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Topic Name: Research tools for Ph.D. Aspirants (Online)

## ATTENDANCE SHEET

Period from: 26/05/2020 to 30/05/2020

Sr. No.	Name of faculty	26/05/2020	27/05/2020	28/05/2020	29/05/2020	30/05/2020
1	Prof.Sakharam Fakira Khairnar	SKK	SKK	SKK	SKK	SKK
2	Prof.Vishnu Prakashrao Sase	VS	VS	VS	VS	VS
3	Prof.Jagadish S.Shitole	Jshitole	Jshitole	Jshitole	Jshitole	Jshitole
4	Dr. Sharad Shankar Karne	SK	SK	SK	SK	SK
5	Prof. Niranjan S. Hugar	NHugar	NHugar	NHugar	NHugar	NHugar
6	Prof.Ramdas M. Zol	RZ	RZ	RZ	RZ	RZ
7	Prof. Jeevankumar Anil Sodal	JS	JS	JS	JS	JS
8	Prof. Tai Abaso Madane	TAM	TAM	TAM	TAM	TAM
9	Prof. Shrikant Narhari Dhage	SDhage	SDhage	SDhage	SDhage	SDhage
10	Prof. Amol Subhash Rajpure	ASR	ASR	ASR	ASR	ASR
11	Prof. R. S. Balamurugan	RSB	RSB	RSB	RSB	RSB
12	Prof. S. R. Mugunthan	SRM	SRM	SRM	SRM	SRM
13	Prof. Hanumant Balasaheb Narute	Narute	Narute	Narute	Narute	Narute
14	Prof. Harshwardhan H. Shinde	Hshinde	Hshinde	Hshinde	Hshinde	Hshinde
15	Prof. Sambhaji A. Patil	Patil	Patil	Patil	Patil	Patil
16	Prof. Ajit Sambhaji Thite	Thite(A)	Thite(A)	Thite(A)	Thite(A)	Thite(A)
17	Prof. Kiran Vasant Banduke	Kbanduke	Kbanduke	Kbanduke	Kbanduke	Kbanduke
18	Prof. Rajashree Balasaheb Pansare	Rpansare	Rpansare	Rpansare	Rpansare	Rpansare
19	Prof. Nagesh Sadashiv Magar	Nmagar	Nmagar	Nmagar	Nmagar	Nmagar



Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-413130



Dattakala Shikshan Sanstha's

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Date: 30/05/2020

## Report of the FDP

2019-2020

**Activity:** Research tools for Ph.D. Aspirants (Online)

**Venue:** Dattakala Group of Institutions, Swami Chincholi, Seminar Hall

**Duration:** 26/05/2020 to 30/05/2020

**Participants count:** 20 Staff members.

**Objective:** To know the research tools for Ph.D. Aspirants

Dr. Nilesh Uke has given the information about the research tools and implementation of effective tools for completion of Ph.D. Effective devices are nothing but the technology, computer system, computer software, or analytical technique that is developed to assist in the development of a project.

Research Tools for PhD Aspirants - Dr. Nilesh Uke

DATTAKALA GROUP OF INSTITUTIONS  
(Diploma, BE, ME, MBA)  
Approved by AICTE, DTE, Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University,  
Swami-Chincholi (Bhigwan), Tal-Daund, Dist-Pune-413130

### Research Tools for PhD Aspirants

Reference Manager

Scopus

Proquest Access

Kopernio

Google Scholar

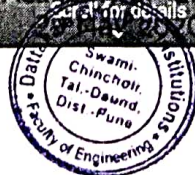
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**Nilesh J. Uke**  
Principal  
KJ Somaiya Institute of Engineering & Information Technology,  
Swami Chincholi, Tal. Daund, Dist. Pune

2:22 / 1:48:31



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Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-413130



Dattakala Shikshan Sanstha's

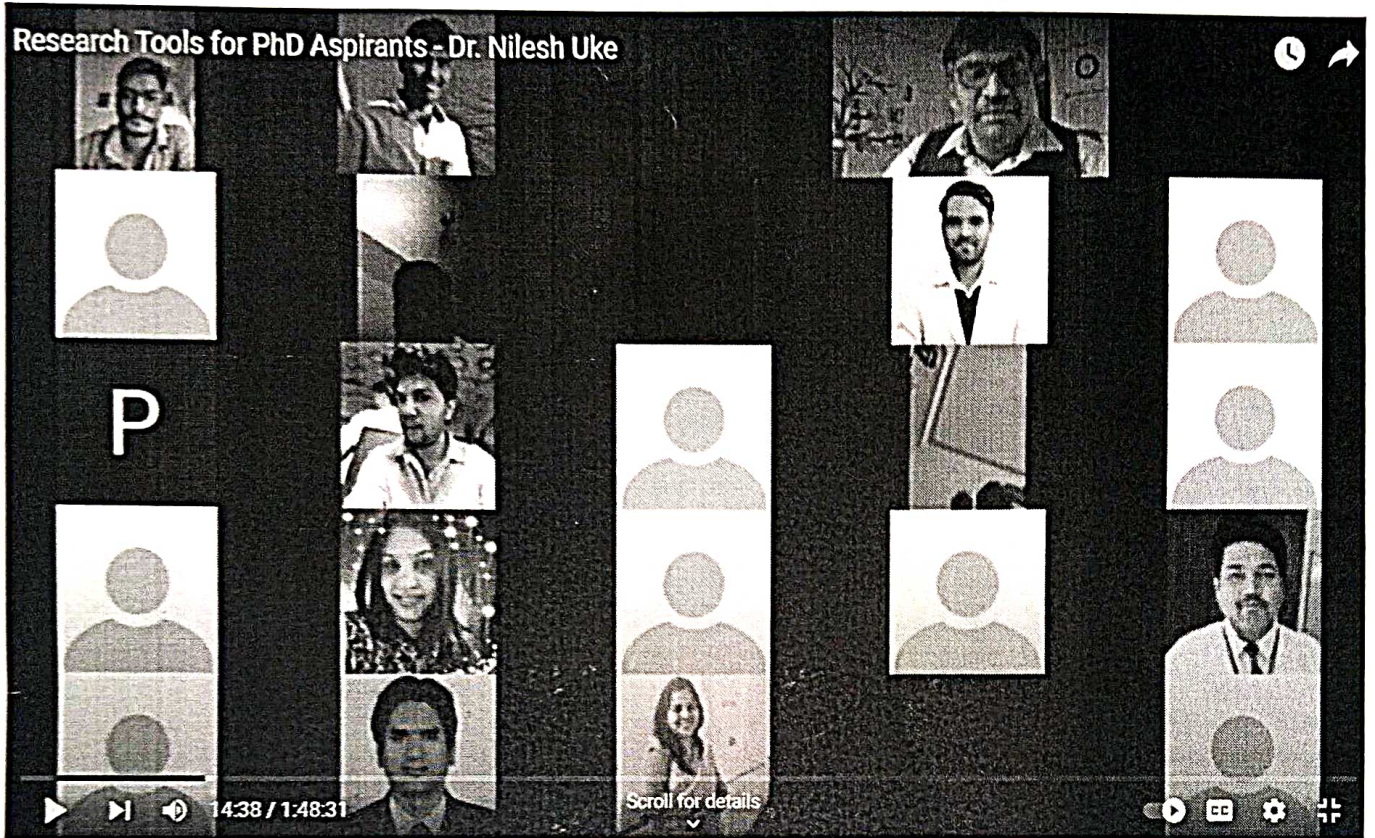
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*[Signature]*  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
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Date: 19/04/2021

## Request Letter

To  
The Principal,  
Dattakala Group of  
Institutions, Swami  
Chincholi, Dist- Pune.

**Subject:** - Request to conduct FDP on "Research paper & Project paper writing".

Respected Sir,

With reference to the above subject we want to conduct the Faculty Development Program (FDP) on "Research paper & Project paper writing". The tenure of the program is 20 hrs. The certificate will be provided after successful completion of the course. Kindly grant permission for the same.

Thanks & Regards,

  
**Coordinator**  
Prof. K. M. Sharma



  
**Principal**  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune



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Date: 23/04/2021

## Circular

The entire faculty are hereby informed that the Institute is planning to conduct a FDP on the topic- "Research paper & Project paper writing" for the academic session 2020-2021.

The details are as:

Sr. No.	Value-Added Program	Name Program Coordinator
1.	Research paper & Project paper writing	Prof. K. M. Sharma

The Research paper & Project paper writing is of 20 hrs duration. Interested faculty are requested to register for FDP- Research paper & Project paper writing, faculty who will be completing the courses successfully with a 65% attendance only get a certificate from the institute.

  
Coordinator  
Prof. K. M. Sharma



  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-412-



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**Name of the Program:** Research paper & Project paper writing

**Session:** 5

**Duration:** 20 Hr

## Syllabus & Course Content

Sr. No.	Course Content
01	<b>Introduction:-</b> Importance of report writing in academics and research. Various kinds of academic and research activities. Necessity of report writing for achievement of academic and research goals. Various kinds of reports / presentations. Characteristics of academic and research reports / presentations.
02	<b>Research paper writing:-</b> Types of research papers, Structure of research papers, Research paper formats, Abstract writing, Methodology, Results and discussions, Different formats for referencing, Ways of communicating a research paper.
03	<b>Thesis writing</b> Structure of a thesis, Scope of the work, Literature review, Experimental / computational details, Preliminary studies, Results and Discussions, Figures and Tables preparation, Conclusions and future works, Bibliography, Appendices
04	<b>Tools and Techniques</b> Various word processors, e.g., MS Word, Libre-office, Latex etc. Making effective presentations using PowerPoint and Beamer, Uses of plagiarism detection tools.
05	<b>Miscellaneous Reports</b> Writing research proposals, Writings project proposals, Lecture notes, Progress reports, Utilization reports, Scientific reports etc.



Dattakala Shikshan Sanstha's

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| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

## Schedule For: Research paper & Project paper writing

Date	Day	Time	Course Content
26/04/2021	Monday	10am-12.00pm Break 02.00 pm- 4pm	<b>Introduction:-</b> Importance of report writing in academics and research. Various kinds of academic and research activities. Necessity of report writing for achievement of research goals. Various kinds of reports / presentations. Characteristics of research reports / presentations.
27/04/2021	Tuesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Research paper writing:-</b> Types of research papers, Structure of research papers, Research paper formats, Abstract writing, Methodology, Results and discussions, Different formats for referencing, Ways of communicating a research paper.
28/04/2021	Wednesday	10am-12.00pm Break 02.00 pm- 4pm	<b>Thesis writing :-</b> Structure of a thesis, Scope of the work, Literature review, Experimental / computational details, Preliminary studies, Results and Discussions, Figures and Tables preparation, Conclusions and future works, Bibliography, Appendices.
29/04/2021	Thursday	10am-12.00pm Break 02.00 pm- 4pm	<b>Tools and Techniques: -</b> Various word processors, e.g., MS Word, Libre-office, Latex etc. Making effective presentations using Power Point and Beamer, Uses of plagiarism detection tools.
30/04/2021	Friday	10am-12.00pm Break 02.00 pm- 4pm	<b>Miscellaneous Reports: -</b> Writing research proposals, Writings project proposals, Lecture notes, Progress reports, Utilization reports, Scientific reports etc.

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**Topic Name: Research paper & Project paper writing****ATTENDANCE SHEET****Period from: 26/04/2021 to 30/04/2021**

Sr. No.	Name of faculty	26/04/2021	27/04/2021	28/04/2021	29/04/2021	30/04/2021
1	Prof. Sakharam Fakira Khairnar	SFK	SFK	SFK	SFK	SFK
2	Prof. Jagadish Sudhakar Shitole	Shitole	Shitole	Shitole	Shitole	Shitole
3	Prof. Kamalkishor Mulchand Sharma	KMS	KMS	KMS	KMS	KMS
4	Prof. Ramdas Madhukar Zol	Zol	Zol	Zol	Zol	Zol
5	Prof. Vishnu Prakashrao Sase	VS	VS	VS	VS	VS
6	Prof. Siddheshwar Panditrao Shinde	Sub	Sub	Sub	Sub	Sub
7	Prof. Navanath Shrirange Valekar	NSK	NSK	NSK	NSK	NSK
8	Prof. Tai Abaso Madane	Tam	Tam	Tam	Tam	Tam
9	Prof. Rajashree Balasaheb Pansare	Pansare	Pansare	Pansare	Pansare	Pansare
10	Prof. Abhijit Balasaheb Shendage	Shendage	Shendage	Shendage	Shendage	Shendage
11	Prof. Shivaji Subhash Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
12	Prof. Nandkishor Marutrao Sawai	N.M. Sawai	N.M. Sawai	N.M. Sawai	N.M. Sawai	N.M. Sawai
13	Prof. M M Pandi	Mpandi	Mpandi	Mpandi	Mpandi	Mpandi
14	Prof. Ankit Anil Gupta	Agupta	Agupta	Agupta	Agupta	Agupta
15	Prof. Snehal Shrikant Mahadik	Sm	Sm	Sm	Sm	Sm
16	Prof. Madina Shahajan Tamboli	Shahajan	Shahajan	Shahajan	Shahajan	Shahajan
17	Prof. Swati Amol Kadam	Swati	Swati	Swati	Swati	Swati
18	Prof. Vithal Gulabrao Arajpure	Vithal G.A	Vithal G.A	Vithal G.A	Vithal G.A	Vithal G.A
19	Prof. Vasudha Balaso Deokate	VD	VD	VD	VD	VD
20	Prof. Harish Sunil Avchat	Harish A	Harish A	Harish A	Harish A	Harish A
21	Prof. Archana Haribhau Bhapkar	AB	AB	AB	AB	AB



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22	Prof. Amol Subhash Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure
23	Prof. Nagesh Sadashiv Magar	Magar	Magar	Magar	Magar	Magar



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Date: 4/05/2021

## Report of the FDP

2020-2021

**Title:** Research paper & project paper writing

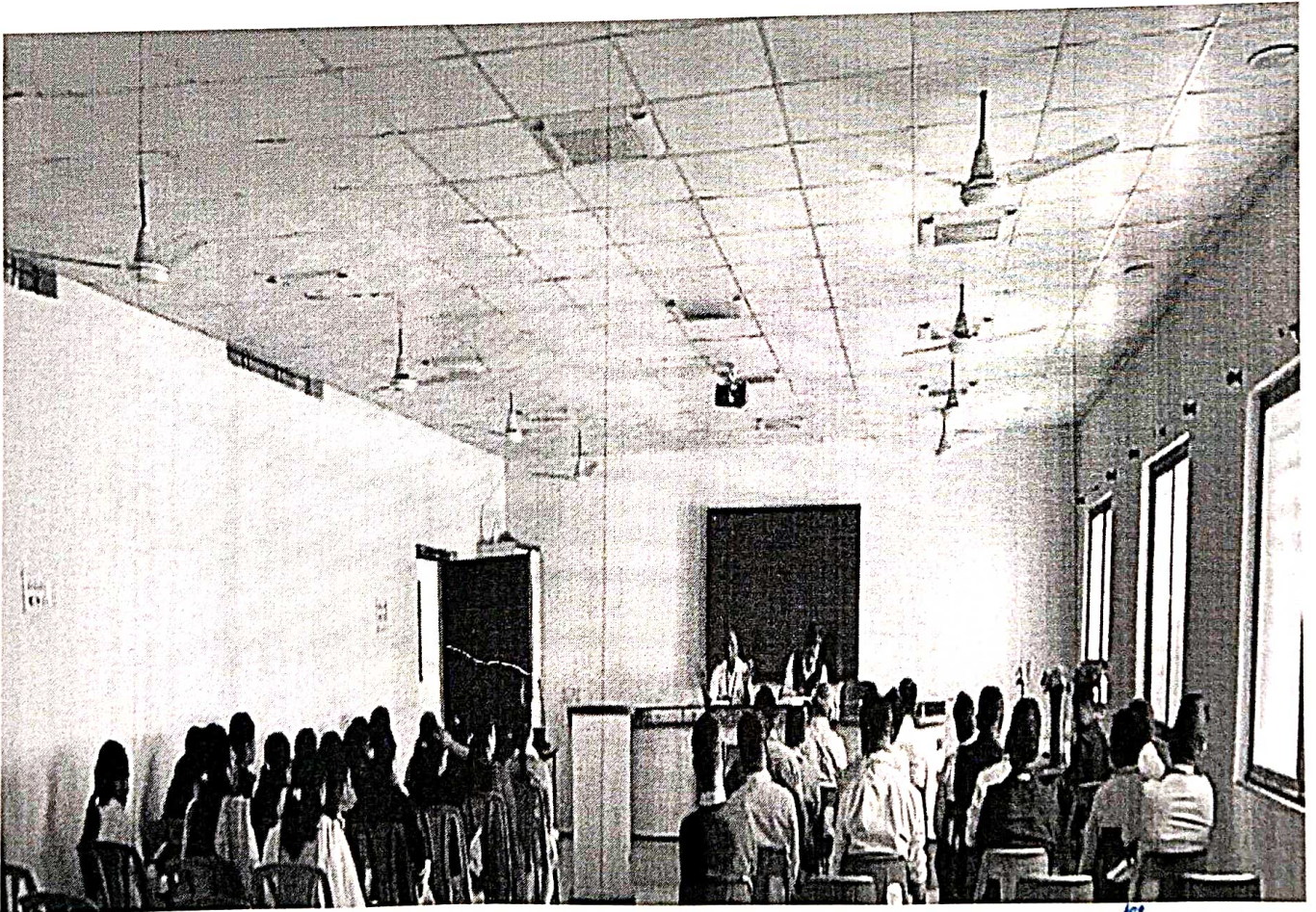
**Venue:** Dattakala Group of Institutions, Swami Chincholi, Seminar Hall

**Duration:** 26/04/2021 to 30/04/2021

**Participants count:** 23 Staff members.

**Objective:** To know how to write research paper and project paper.

Dr. A. A. Keste explained effectively the aim of the paper writings and research paper to staff with the opportunity to pursue independent research on a focused topic, develop research and communication skills, develop the skills of creative and critical thinking, and participate in a systematic process of research.



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Faculty of Engineering

Swami Chincholi, Tal. Daund, Dist. Pune

541/2, 527, Off Pune-Solapur Highway, Swami-Chincholi (Bhamburda), Tal. Daund, Dist. - Pune 413130, Maharashtra

| Email: [dkgoi@dattakala.edu.in](mailto:dkgoi@dattakala.edu.in) | Web: [www.dattakala.edu.in](http://www.dattakala.edu.in) | Contact No. 9673002923, 9673400500 | For More Information: 9673002929 |



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Date: 18/01/2022

## Request Letter

To  
The Principal,  
Dattakala Group of  
Institutions, Swami  
Chincholi, Dist- Pune.

**Subject: - Request to conduct FDP on "Development of electric & hybrid vehicles".**


Respected Sir,

With reference to the above subject we want to conduct the Faculty Development Program (FDP) on "Development electric & hybrid vehicles". The tenure of the program is 24 hrs. The certificate will be provided after successful completion of the course. Kindly grant permission for the same.

Thanks & Regards,

  
**Coordinator**  
Prof.M. S.Tamboli



  
**Principal**  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal. Daund, Dist. Pune-413



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Date: 21/01/2022

## Circular

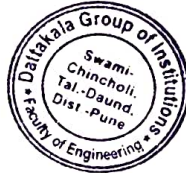
All the faculty are hereby informed that the Institute is planning to conduct a FDP on the topic- Development electric & hybrid vehicles for the academic session 2021-2022.

The details are as follows:

Sr. No.	Value-Added Program	Name Program Coordinator
1.	Development electric & hybrid vehicles	Prof.M. S.Tamboli

The Development electric & hybrid vehicles FDP is of 24 hrs duration. Interested faculty is requested to register for Development electric & hybrid vehicles at earliest. Faculty who will be completing the course successfully with a 65% attendance only gets a certificate from the institute.

  
Coordinator  
Prof.M. S.Tamboli



  
Principal  
Dattakala Group of Institutions  
Faculty of Engineering  
Swami-Chincholi, Tal.Daund, Dist.Pune-412-



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Name of the Program: Development electric & hybrid vehicles

Session: 6

Duration: 24Hrs

## Syllabus & Course Content

Sr. No.	Course Content
01	Introduction to Electric Vehicles, VSI and CSI schemes for EV, Simulation Studies on Electric Vehicles
02	Braking for Electric Vehicles, Battery Modeling Methods Modern Electric Drives and Control Techniques for EV
03	Battery Management System - Challenges & Opportunities Advanced Power Converters for Various Applications
04	Hands-on Simulation Practice of Inverters, High Gain Converters, PV-Fed Converters, Resonant Converters, and their Applications in e-Transportations
05	EV Charging Methods and its Challenges, Thermal Management for Batteries, Hybrid Energy Storage System.
06	Confidently applying ideas related to Electric Vehicle Design & Development, Execution of Industrial practical approach for Vehicle Design & Develop, Motor Calculation & Selection Process.



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## Schedule for Development electric & hybrid vehicles

Date	Days	Time	Course Content
24/01/2022	Monday	10am-12.00pm Break 02.00 pm- 4pm	Introduction to Electric Vehicles, VSI and CSI schemes for EV, Simulation Studies on Electric Vehicles.
25/01/2022	Tuesday	10am-12.00pm Break 02.00 pm- 4pm	Braking for Electric Vehicles, Battery Modeling Methods Modern Electric Drives and Control Techniques for EV.
26/01/2022	Wednesday	10am-12.00pm Break 02.00 pm- 4pm	Battery Management System - Challenges & Opportunities Advanced Power Converters for Various Applications
27/01/2022	Thursday	10am-12.00pm Break 02.00 pm- 4pm	Hands-on Simulation Practice of Inverters, High Gain Converters, PV-Fed Converters, Resonant Converters, and their Applications in e-Transportations
28/01/2022	Friday	10am-12.00pm Break 02.00 pm- 4pm	EV Charging Methods and its Challenges, Thermal Management for Batteries, Hybrid Energy Storage System.
29/01/2022	Saturday	10am-12.00pm Break 02.00 pm- 4pm	Confidently applying ideas related to Electric Vehicle Design & Development, Execution of Industrial practical approach for Vehicle Design & Develop, Motor Calculation & Selection Process.



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Topic Name: Research paper & Project paper writing

## ATTENDANCE SHEET

Period from: 24/01/2022 to 29/01/2022

Sr. No.	Name of faculty	24-01-2022	25-01-2022	26-01-2022	27-01-2022	28-01-2022	29-01-2022
1	Prof.Siddheshwar Panditrao Shinde	Sub	Sub	Sub	Sub	Sub	Sub
2	Prof.Navanath Shrirang Valekar	NSK	NSK	NSK	NSK	NSK	NSK
3	Prof.Jagadish Sudhakar Shitole	Shitole	Shitole	Shitole	Shitole	Shitole	Shitole
4	Prof.Jeevankumar Anil Sodal	Sub	Sub	Sub	Sub	Sub	Sub
5	Prof. Dnyaneshwar Dattatray Shinde	DS	DS	DS	DS	DS	DS
6	Prof. Rajani Bhangre (Zol)	RNB	RNB	RNB	RNB	RNB	RNB
7	Prof. Harshvardhan N. Zol	HZol	HZol	HZol	HZol	HZol	HZol
8	Prof.Shivaji Subhash Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
9	Prof. Akshay Dayanand Rajput	AR	AR	AR	AR	AR	AR
10	Dr.Appasaheb Adappa Keste	AK	AK	AK	AK	AK	AK
11	Prof. Archana H. Bhapkar	AB	AB	AB	AB	AB	AB
12	Prof.Madina Shahajan Tamboli	Sub	Sub	Sub	Sub	Sub	Sub
13	Prof. Ramdas Madhukar Zol	Zol	Zol	Zol	Zol	Zol	Zol
14	Prof. Abhijit Balasaheb Shendge	BS	BS	BS	BS	BS	BS
15	Prof. Popat Harising Nagare	PN	PN	PN	PN	PN	PN
16	Prof. Shrikant Dadasaheb Salunke	DS	DS	DS	DS	DS	DS
17	Prof. Swati Amol Kadam	Sub	Sub	Sub	Sub	Sub	Sub



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Date: 01/02/2022

## Report of the FDP

2021-2022

**Title:** Development of electric & hybrid vehicles

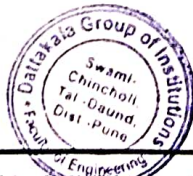
**Venue:** Dattakala Group of Institutions, Swami Chincholi, Seminar Hall

**Duration:** 24/01/2022 to 29/01/2022

**Participants count:** 17 Staff members.

**Objective:** To develop knowledge of the staff to design electric and hybrid vehicles which gives better mileages on a road and maintenance free vehicles.

Prof. S. S. Bere has given valuable guidance about development of electric & hybrid vehicles.



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