Shri. Gopinath Mahadeo Vedak Pratishthan's

G. M. VEDAK INSTITUTE OF TECHNOLOGY, TALA

VISION

To create the best environment for transforming the young generation in to Engineering professionals with good human values for betterment of society.

MISSION

- To be a student centric Institute with quality education.
- To advance professional development of the learner through Industry-Institute interaction.
- To make the student job ready and fulfill their career aspirations.
- To provide assistance for placement & entrepreneurship development.
- To enhance socio - economic development of the individuals.

Best Practices - I

1. Title of the Practice: Holistic Approach to Support Students from the rural background

2. Objectives of the Practice: Objectives/Outcomes: In this best practice we are Implementing:

1. Installment Scheme
2. Earn & learn
3. Entrepreneurship/Start-up
4. NPTEL

- To implement a holistic approach for development of the students coming from rural background.
- To train the respective coordinators for implementation of various aspects of holistic approach.
- To perform periodic review about implementation and improvement of the processes in the holistic development of students.
- Enabling students to obtain certificates to make students employable in the industry or pursue a higher education program.
- To encourage faculty to learn to design value added courses on the lines of these courses.
- To impart life skills, develop the personality and communication skills

3.The Context: As our institute is located in rural area, our aim is to build a society which is free from discrimination and deprivation by providing the holistic support to the students belonging to rural background. In order to nurture youth with skills, our institute provides schemes like 'Earn and Learn', Installment, Entrepreneurship/Start-up, NPTEL etc. In addition to this, our institute helps them to enhance their academic performance through additional classes, making them employable, motivating for entrepreneurship. NPTEL offers free open online courses along with certification in various engineering disciplines.

4. The Practices: Apart from curriculum, our institute had derived an approach of holistic development of students by supporting them in various circumstances like Installment Scheme, Earn & Learn, Entrepreneurship / Start-up, NPTEL. The brief write-up about various activities related to these aspects has been given below:

- **Installment Scheme:** Our aim is to make technical education available to every door of a deserving student present in every village around us. Approximately, 90% of our students belong to rural area and small villages. Due to which their families are financially weak. Hence according to our vision we provide education in affordable facilities to such students. We provide the facility of "Zero interest Fees Installments" in which any student belonging to any cast / category can pay his respective fees in 4 zero interest installments.

- **Earn and Learn:** There are many families around, who don't have any income source. But still they are willing to get higher education. Earn and learn scheme is the best way to manage their fees and work without any obstacle. We allow such students to work as an employee in our college and also to attend their academic lectures and practices. Under this scheme, students are directed to fill the necessary application form, which is further scrutinized by respective committee. The enrolled students are given such types of work that increase their skills in areas of their study, office work, technical work and field work. However when the distribution of work is given, all students get equal opportunity.
- **Policies :**
  1. Economically poor and weaker candidate are included in scheme
  2. To provide educational opportunities to the poor and needy students at nominal cost.
  3. To help girl from deprived backgrounds to get education

- **EARN & LEARN SCHEME DETAILS**

Duration	Name of Student under this scheme
2017 - 2020	Mr. M. S. Kasrelar
2019 - 2022	Ms. P. G. Shinde

- **Entrepreneurship / Start-up:** Our College is motivating students to get a platform and startup for their respective business and Entrepreneurship. To enhance our students knowledge and be success full in the outside world, we provoke students to make them available the respective opportunities and grab those opportunities which leads them to become an independent, successful Entrepreneur. Our faculty engages their best effort for these students and make sure that they don't face any obstacle between there Entrepreneurship.

- The workshop conducted for Entrepreneurship are as follows:

Sr. No.	Academic Year	Name of Faculty / Student	Topic of workshop
1	2019 – 20	Mr. Akash V. Rumade	Startup 101
2	2020 – 21	Mr. Pankaj R. Kunekar	Innovation and Design Thinking

- **NPTEL:** SPOC attends NPTEL workshops, visits IIT and learn process and job responsibilities. SPOC requests HOD's to appoint faculty as NOC coordinator from each department. Meeting of NOC coordinators SPOC inform about new courses. G.M.V.I.T had setup NPTEL Local Chapter on 1st January 2019 with an objective to enable the faculty and students to obtain certificates through enhanced technological learning.

  Asst. Prof. P. R. Kunekar, Assistant Professor, Department of Computer Engineering started the Local chapter and participated in the SPOC Workshop. The faculty members and students were briefed about the NPTEL courses and motivated to enroll for the courses. The faculty members had the choice to select the course of their own interest, either related to their

G.M.Vedak Institute of Tech... Tala Raigad

course or in new domain. Many students & faculty members enrolled in various courses pertaining to Engineering, Technology, Science, Management, Humanities and inter-disciplinary.

5. Evidence of Success:

1. **Installment Scheme:** Many students got admitted in our institute and have taken the benefits of this scheme. Now they are independent and successful in their respective carriers.

Computer Engineering:

Sr. No.	Academic year	No. of students paid their fees in installments.
1	2021 - 2022	117
2	2020 – 2021	80
3	2019 – 2020	39
4	2018 – 2019	28
5	2017 - 2018	15

Mechanical Engineering:

Sr. No.	Academic year	No. of students paid their fees in installments.
1	2021 - 2022	141
2	2020 – 2021	115
3	2019 – 2020	118
4	2018 – 2019	124
5	2017 - 2018	100

Electronics and Telecommunication engineering:

Sr. No.	Academic year	No. of students paid their fees in installments.
1	2020 – 2021	5
2	2019 – 2020	15
3	2018 – 2019	24
4	2017 - 2018	30

Civil Engineering:

Sr. No.	Academic year	No. of students paid their fees in installments.
1	2021 - 2022	126
2	2020 – 2021	124
3	2019 – 2020	83

4	**2018 – 2019**	**90**
5	**2017 - 2018**	**50**

2. **Earn and Learn:** Students who are working as an employee as well as completing their academics are as follows:

Academic Year	No. of Students Participated	Name of Student under this scheme
2017-18	1	Mr. M. S. Kasrelar
2018-19	1	Mr. M. S. Kasrelar
2019-20	2	Ms. P. G. Shinde Mr. M. S. Kasrelar
2020-21	1	Ms. P. G. Shinde
2021-22	1	Ms. P. G. Shinde

3. **Entrepreneurship / Start-up:** Following are the students who have successfully settled up their respective businesses under the guidance of our faculties.

Sr.No.	Name of Student	Branch	Academic Year	Startup Details (Startup Name, Registration Date)
1.	Akash Vikas Rumade	Civil	Passout	Vikas Educomp Institute,Coaching Classes,Roha
2.	Reena Pawar Mahale	Computer	BE	GRUHLAXMI FOOD PRODUCTS (Prop., RINA VISHWAS PAWAR)
3	Arman vaskar	Computer	TE	Domestic Products
4	Swapnil Polekar	Computer	Passout	Internet Service Provider
5	Mahesh Patil	Mechanical	Passout	Internet Service Provider

4. **(NPTEL):** Many of the students and faculties have successfully enrolled and completed course with certification. Some students and faculties got ELITE and GOLD certificate in courses. NPTEL courses improve students and faculties knowledge.

Sr.No.	Course Name	Student/ Faculty Name	Department	Year	Certificate Type
1	Programming, Data Structures & Algorithm using python	Rashmi Subhash Mhaske	Computer Engineering	2019	Successfully completed
2	Programming, Data Structures & Algorithm using python	Roshani Ramesh Pawar	Computer Engineering	2019	Successfully completed
3	Programming, Data Structures & Algorithm using python	Archit Dattaram Koli	Computer Engineering	2019	Elite
4	FDP -Joy of Computing Using Python	Asst.Prof. K.R.Metha	Computer Engineering	2019	Elite+Silver
5	Joy of Computing Using Python	Hemangi Mukund Manduskar	Computer Engineering	2019	Elite
6	Joy of Computing Using Python	Patil Shruti Suryakant	Computer Engineering	2019	Elite
7	Joy of Computing Using Python	Kamble Sneha Shahaji	Computer Engineering	2019	Elite
8	Joy of Computing Using Python	Chavan Priyanka Suryakant	Computer Engineering	2019	Elite+Silver
9	Joy of Computing Using Python	Ritesh Rajesh Gandhi	Computer Engineering	2019	Elite
10	Joy of Computing Using Python	Anuja Manoj Yelve	Computer Engineering	2019	Elite
11	Joy of Computing Using Python	Pratik Suresh Suryawanshi	Computer Engineering	2019	Elite+Silver
12	Machine LearningFor Engg & science Application	Mubashir Manzer Chandle	Computer Engineering	2019	Successfully completed

6. Problems encountered and Resources Required:

- **Installment scheme:** There is not a major issue encountered while executing this scheme. Hence no resources were required.

- **Earn and Learn:** It is difficult to follow the flexible academics time table for students enrolled for Earn and Learn scheme because, while working the lecture attendance is not possible and vice versa.

- **Entrepreneurship / Start-up:** Few students are not willing to register for the session due financial issues. Initially, more efforts are required to aware students about Entrepreneurship Development Programs and its advantages to become a good entrepreneur/self-employed.

    - **Resources Required:** Quality resource persons from the Industry and DIC (Digital Incubation Center) to motivate the students.

- **NPTEL:** Exam centers for Students are in Mumbai or Pune so there is a problem of reaching to exam centers on time.

    - **Resources Required:** High Speed internet is required all the time.

G.M. Vedak Institute of Technology Tala Raigad

Best Practices - II

1. Title of the Practice: Project Based Learning (PBL)

2. Objective of the Practice

The objective of Project Based Learning (PBL) is to enable the students to apply the concepts and theories they have learnt in the previous semesters and in the on-going semester. Developing projects that incorporate the learning from various courses makes the students understand inter-connectedness of the courses. A project environment group work, cordiality and minimally even collective bargaining. GMVIT - TALA has found PBL, a subtle way of introducing in the young students desirable social behaviour that would help them in their professional lives. PBL has the potential to enhance employability and productivity and prepare them for the world of work.

3. The Context

The Engineering curriculum in most Indian Universities includes six months to twelve months of project work. The students may opt to carry out the project in the Industry, R&D institutions, etc. However, due to the poor preparation, many students are not able to take advantage of this opportunity. This affects placement and employability and becomes an institutional challenge. Hence, it was decided to introduce PBL in GMVIT - TALA. This has been a great turning point and the enthusiasm for students. PBL was started as a pilot in the computer engineering department and has now become an institution wide practice in each semester.

4. The Practice

PBL has become integral part of all programs at GMVIT - TALA and is included in the academic calendar. This method adopted is practical and implementable. It has evolved in such a way that students have published their work in conferences, participated at approved national competitions like International and National Conferences etc. Testimonials of each program are available in department. Students perform literature review, design calculations and develop complete solution of the given problem.

Why Use PBL?

- Puts students in a position to use the knowledge that they get.
- Effective in helping students understand, apply, and retain the information.
- Can be more effective than traditional instruction and increase academic achievement.
- Benefits include building skills such as critical thinking, communication, and collaboration.

- Students who work on projects show increased motivation and engagement in their studies.
- Can give students an opportunity to work with professional experts who enrich and support the teacher's knowledge and how it connects to the real world

4. The Practice:

Students are instructed to follow the hierarchy of the mentioned project and do the precise implementation of the project as instructed by the project guide (come up with at least three ideas, write or draw all the ideas, can be as weird as possible—don't get too critical at this stage), select the best design (most promising one) based on various parameters. Prepare a detailed flowchart and UML (Unified Modelling Language) diagrams that includes the actual working and implementation of the project which leads to a precise module done by student.
Students are advised to take time to make code modifications - focus on improving the efficiency of the software, include any additional material beneficial for the project. On the basis of the execution of the projects, students are instructed by guide to publish the IEEE format paper on various national / International Conferences. As our college is located at a rural area, our students research projects are more beneficial for the neighbouring villages and society.

5. Evidence of Success:

The experience of GMVIT - TALA with PBL as a teaching learning process has been very positive. PBL engages the students. The survey conducted by GMVIT - TALA of the students and the guides show that it is an effective and enjoyable way to learn - and develop deeper learning competencies required for success in college and career. Activities like projects engage the hearts and minds. It provide relevance for learning. A project improves learning and by completing a project, students understand content better; remember what they learn and retain it longer than with traditional teaching. Hence, students who gain content knowledge along with PBL are better equipped to apply what they know in new situations. PBL type of environment can inculcate many of these attributes in young students and the PBL in each semester gives adequate time for students to motivate them.

6. Problems Encountered and Resources Required

Prior learning experiences and theoretical understanding of the curriculum do not prepare students well for PBL. Many times, students who are not very academically inclined or proficient seem to pick up PBL very fast and work productively and their attitude and approach to learning

changes. Some students need more time to immerse themselves into PBL. Differences of opinion and personal conflicts, though naturally expected, the feedback of the guides indicate that the prevalence of these traits was nil or negligible. There are no adequate resources through which students can perform and work for project without any restrictions, as our college location is in the remote area and the way to provide resources for the fluent execution of projects are limited. There was hardly any resistance or lack of enthusiasm among the students. PBL affects other academic activities and therefore, the students and the guides must work extended hours and even on holidays.

Resources Required:

- Incubation Centre
- Research laboratories
- Uninterrupted Internet connectivity
- High End Desktop Computers in Labs
- Flexible Academic Timetable
- High end Tools and Machineries

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G. M. Vedak Institute of Technology, Tala

ACADEMIC YEAR-2017-18 (Second Half 2017)

Department of Mechanical Engineering

A Report on Technical Skill Development Seminar

Date and Venue

The seminar on Technical Skill Development took place on 10th August 2017 at the seminar hall, Building I, G.M. Vedak Institute of Tehnology, Tala. The training team arrived at the venue on the same day of seminar.

Training Team

The members of the training team were,
Mr. SandipKhandekar, (Manager, S. K. Technical Solutions.)
Mr. Pratik (Trainer)

Workshop Co-ordinator

Prof. A. A. Khot

Participants

The seminar was attended for all the students of T.E. Mechanical and B.E. Mechanical.

Topic Covered:

The seminar was arranged for the students of mechanical engineering department under technical skill development activity. The main objective of the seminar was to discuss the importance of technical skill development. The area covered in seminar was CAD/CAM/CAE. The speaker highlighted the importance of soft skill. He focused on CAD/CAM/CAE field. He mentioned the importance of having the knowledge of CAD/CAM/ CAE softwares. He explained CAD/CAM/CAE area and offered the following courses for our students: CATIA, Hypermesh, Ansys, CNC Training.

Out of above mentioned softwares we have started the CATIA course by taking the students demand into consideration from 23/09/2017 to 15/10/2017. Total 18 students have registered for the course.

Detailed information about CATIA Course:

CATIA enables the creation of 3D parts, from 3D sketchs, sheet metal composite, molded, forged or tooling parts up to the definition of mechanical assemblies. The software provides advanced technologies for mechanical surfacing. It provides tools to complete product definition, including functional tolerances as well as kinematics definition. CATIA provides a wide range of applications for tooling design, for both generic tooling and mold & die.

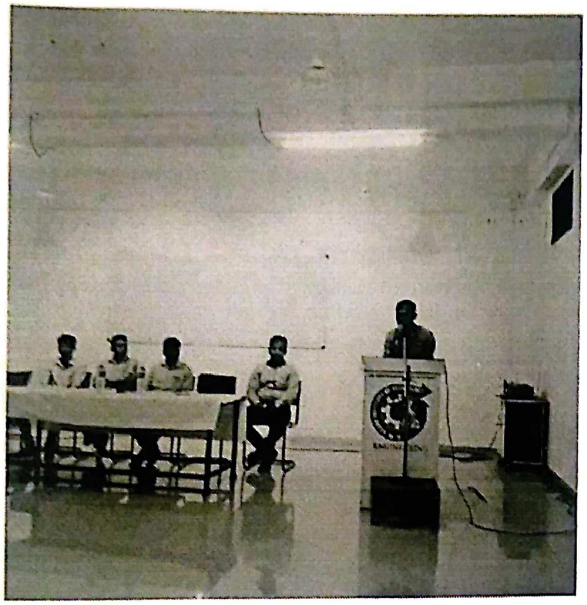
CATIA offers a solution to shape design, styling, surfacing workflow and visualization to create, modify, and validate complex innovative shapes from industrial design to Class-A surfacing with the ICEM surfacing technologies. CATIA supports multiple stages of product design whether started from scratch or from 2D sketches.

Various modules contains are as follows:

- Introduction to the catia v5 modeling process.
- Understand the catia interface.
- Sketcher
- Part design
- Assembly design
- Generative Drafting

Outcomes of the Training-Workshop:

- Awareness among the students about the need of soft skills for engineering students
- After completing the CATIA Training course students will get good knowledge of CATIA software which will be useful for them for their future growth.



Submitted by:

Prof. A. A. Khot

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E-mail :gmvedakit@gmail.com Department of Mechanical Engineering Web : www.gmvit.com
Academic Year 2017-18 Second Half 2017

Ref.No: GMVIT/MECH/2017-18/08/01

Date- 09/08/2017

NOTICE

All the students of TE & BE are hereby informed that the Mechanical Engineering Department have arranged a Seminar on- **"Technical Skill Development"** on Thursday, 10th August, 2017.

The schedule of seminar is as follow-

Time	Class
2.00 pm to 3.15 pm	BE Mechanical
3.30 pm to 4.45 pm	TE Mechanical

All the students are instructed to attend the seminar. Attendance is compulsory for all.

Venue: Seminar hall, 2nd floor.

Presented by: Mr. Sandeep Khandekar

S. K. Technical Solution, Kolhapur

Prof. A. A. Khot
Course Coordinator

Prof. P. M. Dhongade
Head
Mechanical Engineering Department

Dr. S. V. Patil
Principal

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E-mail :gmvedakit@gmail.com Department of Mechanical Engineering Web : www.gmvit.com
Academic Year 2017-18 Second Half 2017

Ref.No: GMVIT/MECH/2017-18/09/01 Date- 19/09/2017

NOTICE

All the students of SE, TE and BE who have registered for CATIA course are hereby informed that the course is starting from 23/09/2017. All are instructed to attend the same. The time table of course is as follows

Sr. No.	Date	Time
1.	23/09/2017	10.00 a.m. to 5.00 p. m.
2.	24/09/2017	10.00 a.m. to 5.00 p. m.
3.	07/10/2017	10.00 a.m. to 5.00 p. m.
4.	08/10/2017	10.00 a.m. to 5.00 p. m.
5.	14/10/2017	10.00 a.m. to 5.00 p. m.
6.	15/10/2017	10.00 a.m. to 5.00 p. m.

Venue: CAD Lab, 2nd floor.

Prof. A. A. Khot
Course Co-ordinator/
In- charge
CAD/CAM Lab
Mechanical Department

Prof. P. M. Dhongade
Head
Mechanical Department

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Ref. No: GMVIT/MECH/2017-18/08/02

Date: 24th July 2017

To,
Mr. S. S Khandekar
S. K. Technical Solutions,
Kolhapur.

Subject: Invitation as a resource person for the seminar on **"Technical Skill Development"** at G. M. Vedak Institute of Technology, Tala

Respected **S. S. Khandekar Sir**

The Mechanical Engineering Department of our college frequently organizes seminars to enhance the students' knowledge. As a part of this activity, we have decided to organize a seminar on **"Technical Skill Development"** in which students will be made aware of topics such as Computer Aided Design, Computer Aided Manufacturing and Computer Aided Engineering and different software courses available.

We take the pleasure to invite you as a resource person for this seminar. We would be delighted if you accept this invitation and share your expertise with our students. Such guidance from an eminent personality such as you is especially valuable to our students. The date of the seminar is **Thursday 10th August2017from 2.00 pm to 4.45pm.**

Thanking you in anticipation,

Yours sincerely

Prof. A. A. Khot
Course Coordinator

Prof. P. M. Dhongade
Head
Mechanical Engineering
Department

Dr. S. V. Patil
Principal

Received 10/8/17

G.M. Vedak Institute of Technology Tala-Raigad

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Academic Year 2017-18 Second Half 2017

Ref. No: GMVIT/MECH/2017-18/08/02

10th August 2017

To,
Mr. S. S Khandekar
S. K. Technical Solutions,
Kolhapur.

Subject: Letter of Appreciation

Respected S. S. Khandekar Sir

On behalf of the students, faculty members and staff of Mechanical Engineering Department I would like to thank you for conducting an illuminating session in which you shared your experiences with our students, guided them about CAD/CAM/CAE Courses and enhanced their skills. Our students have benefited from these sessions. I hope to receive the same cooperation from you in future.

Thanking you once again.

Yours sincerely.

Prof. A. A. Khot	Prof. P. M. Dhongade	Dr. S. V. Patil
Course Coordinator	Head Mechanical Engineering Department	Principal

Received
10/08/17

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Department of Mechanical Engineering

Academic Year 2017-18 (Second Half 2017)

Students Attendance Sheet for Seminar on Technical Training programme

On CAD/CAM course.

Class. TE Mechanical Date- 10/08/17

SR NO	STUDENT NAME	Sign.
1	Shinke Bajarang Yashodhan	
2	Gharat Kushal Kishor	
3	PANSARE OMKAR NARAYAN	
4	MORE PRANAV CHANDRAKANT	
5	AVISHKAR ASHOK SAIGAONKAR	
6	Sumedh Deelip Zavare	
7	Saurabh Janardan Karke.	
8	Vinayak Santosh Badabe	
9	Vishal Ravindra Vangale	
10	Kaustubh Jalindra Temkar	
11	Amol Shankar Shivayogi	
12	GADREGAONKAR SURAJ KAILAS	
13	Patil Nikhil Prashant	
14	Gosavi Jitesh Sanjay	
15	Patil Kunal Madhukar	
16	Bhagat Monal Moreshwar	
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Department of Mechanical Engineering

Academic Year 2017-18 (Second Half 2017)

Students Attendance Sheet for Seminar on Technical Training

Programme on CAD/CAM course.

Class- B.E

Date- 10/02/2017

SR NO	ROLL NO	STUDENT NAME	Sign.
1	1	Mohite Rohit Ashok	
2	2	Dhatavkar Sharad Vilas	
3	3	Pingale Sumit Susheel	
4	4	Sachin N. Ramteke	
5	5	Mhatre Roshan Naresh	
6	6	Gavand Prathamesh Parshuram	
7	7	Nage Tejas Pankaj	
8	8	Gurav Bhushan Subhash	
9	9	Karapkar Sunil Sandip	
10	10	Gurav Aditya Pramod.	
11	11	Jadhav Raju Balaram	
12	12	Patil Amit Kashinath	
13	13	Patil Sudeep Suresh	
14	14	Punkar Ankush Arjun	
15	15	Sakhare Rohan Ravindra	
16	16	Raut Prathamesh Ratnakar	
17	17	Mhatre Sahil Sanjay	
18	18	Mali Vaishab Atul.	
19	19	Pevekar Sajid Majid	
20	20	Matwankar Farhan Zubair	
21	21	[illegible] SHAIKH IQBAL	
22	22	Pankaj Mahendra Patkar	
23	23	Mangesh K. Waghmare.	

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Department of Mechanical Engineering

Academic Year 2017-18 (Second Half 2017)

24	24	Dhananjay Devkedakar	
25	25	Saurabh. P. Jadhav.	
26	26	Pushparaj. S. Badwaik	
27	27	Patil Akshay suresh	
28	28	Patil Anup Suresh	
29	29	Mhatre Aditya Ashok	
30	30	Patil Prabodh Vikas	
31	31	Patil Tejas Bhaskar	
32	32	Agarkar Sumit Sitaram	
33	33	Pulekar Mihir Mangesh	
34	34	Patil Pratap Raghunath	
35	35	Mhatre Devendra. Ramesh	
36	36		
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Academic Year 2017-18 (Second Half 2017)

59	59		
60	60		
61	61		
62	62	Prashant Santosh Shukla	
63	63		
64	64		
65	65		
66	66		
67	67		
68	68	Anil P. Yadav	
69	69	Vaibhav K. Yadav	
70	70	Dovla Ashok Ragho	
71	71		
72	72		
73	73		

Course coordinator

HOD

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Academic Year 2017-18 Second Half 2017

CATIA Software Training Course

Attendance Sheet

Name of Student	Session No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
	Date	23/09	23/09	24/09	24/09	07/10	07/10	08/10	08/10	14/10	14/10	15/10	15/10	
	Time	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	
Tejas Bhaskar Patil														
Sunil Sandip Karapkar														
Bhushan Subhash Gurav														
Prasad Prakash Shirke														
Vrushab Atul Mali														
Aditya Pramod Gurav														
Abhijit Sunil Patil														
Vinayak Santosh Badabe														
Swarup Sachin Shinde														

	Name of Student	Session No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
		Date	23/09	23/09	24/09	24/09	07/10	07/10	08/10	08/10	14/10	14/10	15/10	15/10	
		Time	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	10.00 to 1.00	2.00 to 5.00	
0.	Sumedh Deelip Zavare														
1.	Rohit Ramchandra Surve														
2.	Jitesh Sanjay Gosavi														
3.	Tausif Mohammed rafique Jalgaonkar														
4.	Vishal Rajesh patil														
5.	Kunal Madhukar Patil														
6.	Bajarang Yashodhan Shirke														
7.	Avishkar Ashok Salgaonkar														
8.	Monal Moreshwar Bhagat														
9.	Saurabh Janardan Karke														

Total Number of Students=19

Trainer **Course Co-coordinator** **HOD**

Shri. GopinathMahadeoVedakPratishthan's

G. M. Vedak Institute of Technology, Tala

ACADEMIC YEAR-2016-17 (First Half 2017)

Department of Mechanical Engineering

A Report on CATIA Software Training Workshop

Date and Venue

The training-workshop took place during 17th Feb 2017 to 17th April 2017 at the CAD Lab, Building I, G.M. Vedak Institute of Tehnology, Tala. The training team arrived at the venue one day before, on 16thFeb 2017, in order to meet for fine-tuning with coordination of facilitation.

Training Team

The members of the training team were,
Mr. SandipKhanekar, (Manager, S.K.Technical Solutions.)
Mr. SnaketPachkudve (Trainer)
Mr. Ganesh Patil.(Trainer).

Workshop Co-ordinator

Prof. G.S. Makandar

Participants

The training-workshop was attended by students of T.E. Mechanical and B.E. Mechanical. Some of the names are as follows:

Sr.No.	Name of Student	Sr.No.	Name of Students
1	Thakur AbhishekDnyaneshwar	21	DhokaleArbajAyyub
2	PatilKalpesh Ganesh	22	SukaleAkshay Vijay
3	PatilRohitYashwant	23	Ubhare Rohan Ramesh
4	Pawar Rohan Sharad	24	WakadeAkshay Santosh
5	TamboliViraj Vilas	25	PulekarMihirMangesh
6	NirkarSumit Santosh	26	AgarkarSumitSitaram
7	AmburkarPrathmesh Raman	27	WasgareShagaf Iqbal
8	Jamadar Ahmed Bashir	28	GijePramodDattaram
9	Patil Prasad Kashinath	29	GavandPrathmeshParshuram
10	DhotreAkhileshArun	30	NageTejasPankaj
11	Ware Sumit Sunil	31	PevekarSajid Majid
12	MokalAkshayJayram	32	PunkarAnkush Arjun

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13	Mishra AjitBirendra	33	MatwankarFarhanZubair
14	KaziZakiZafarullah	34	GharatKushalKishor
15	DhupkarShubham Ganesh	35	Gaikwad Sameer Sandeep
16	PatilSaurabhVikas	36	DhatavkarSharad Vilas
17	ParkarRaees Ahmed Bilal	37	YadavAnilkumarRamsakal
18	Rajput Sadashiv Ashok	38	PansareOmkar Narayan
19	ManyarSoheb Bashir	39	Adhav Gaurav Ashok
20	DhatavkarVishad Vilas	40	DevrukhkarDhananjayVasant
Name of Faculties			
1	Prof. G.S. Makandar	3	Prof. A.R. Ghadge
2	Prof. A.D. Kakade	4	Prof. P.M.Autade

The Training-Workshop

CATIA enables the creation of 3D parts, from 3D sketchs, sheetmetal, composites, molded, forged or tooling parts up to the definition of mechanical assemblies. The software provides advanced technologies for mechanical surfacing & BIW. It provides tools to complete product definition, including functional tolerances as well as kinematics definition. CATIA provides a wide range of applications for tooling design, for both generic tooling and mold &die.

CATIA offers a solution to shape design, styling, surfacing workflow and visualization to create, modify, and validate complex innovative shapes from industrial design to Class-A surfacing with the ICEM surfacing technologies. CATIA supports multiple stages of product design whether started from scratch or from 2D sketches.

Various modules contains are as follows:

- Introduction to the catia v5 modeling process.
- Understand the catia interface.
- Sketcher
- Part design
- Assembly design
- Generative Drafting

Outcomes of the Training-Workshop

Submitted by:

Prof. G.S. Makandar

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G. M. VEDAK INSTITUTE OF TECHNOLOGY, TALA

Department of Mechanical Engineering

Training Program

On

"Interview Process"

By

Mr. Vijay Deshpande

(CEO and Founder of 'People Sciences')

Interview proves important because it connects both the employers as well as job seekers. It assists employers in selecting a right person for a right job. All candidates may have equally impressive qualifications however it is the candidate who knows what to say and how to say it in the interview will win the job. The ability to do this successfully can be learned through interview skill training. Interview skills training will teach you how to communicate in the interview, how to sell yourself and how to convince the interviewer that you are the best person for the job. Keeping this in mind, a **Training Program on Interview Process** was organized by **Training and Placement cell of Mechanical Engineering Department** for **B.E.Mechanical Engineering students** in two session. The first session was held on 29th March 2019 (3.30pm to 8.30pm) in seminar hall of G.M.Vedak Institute of Technology, Tala for the first batch of students from the class. The second session was held on 30th March 2019 (12.00pm to 5.00pm) in conference room for remaining students. The main objective of the Program was to give training to the students on different aspects of interview i.e. resume building, presentation skills, different interview techniques. The training was given by **Mr. Vijay Deshpande, CEO and Founder of 'People Sciences'.**

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Deshpande Sir welcomed by Principal Sir and Mechanical faculties

The Program started with welcome address by **Prof. Minendra Surve** and was followed by felicitation of the trainer by the **Principal Dr. D.N.Jaiswal**. Prof.Surve gave concept note of the program and requested Deshpande Sir for the first session of training.

At the beginning, Deshpande Sir asked some students for introduction and took overview of the present skills of students and later asked the participants about their expectation from the training session. Deshpande Sir started with the difference between Resume, Curriculum Vitae and Biodata.He taught the students how to give general introduction, what is the difference between right answer and correct answer, how to be specific in interview. He discussed about the importance of attitude and behavior in interview as well as in life. Student got actual training and tips on great handshakes. Students were called upon stage in pair for practicing self-introduction, hand shake assuming they are interviewer and candidate. Mistakes were identified and repaired by the trainer at that moment.

In the next segment, one of the participants asked about how to identify strength and weakness. Sir explained in detail about the same and advised to read "Know your strength" by GALLUP. Everybody has unique strength. We must believe in our strength and should not waste time around weaknesses. Next to it, Trainer clears the doubt about salary expectation, dressing sense, gesture, and posture.

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Deshpande Sir counseling the students on Interview Process

Students listening Motivational Video during Session

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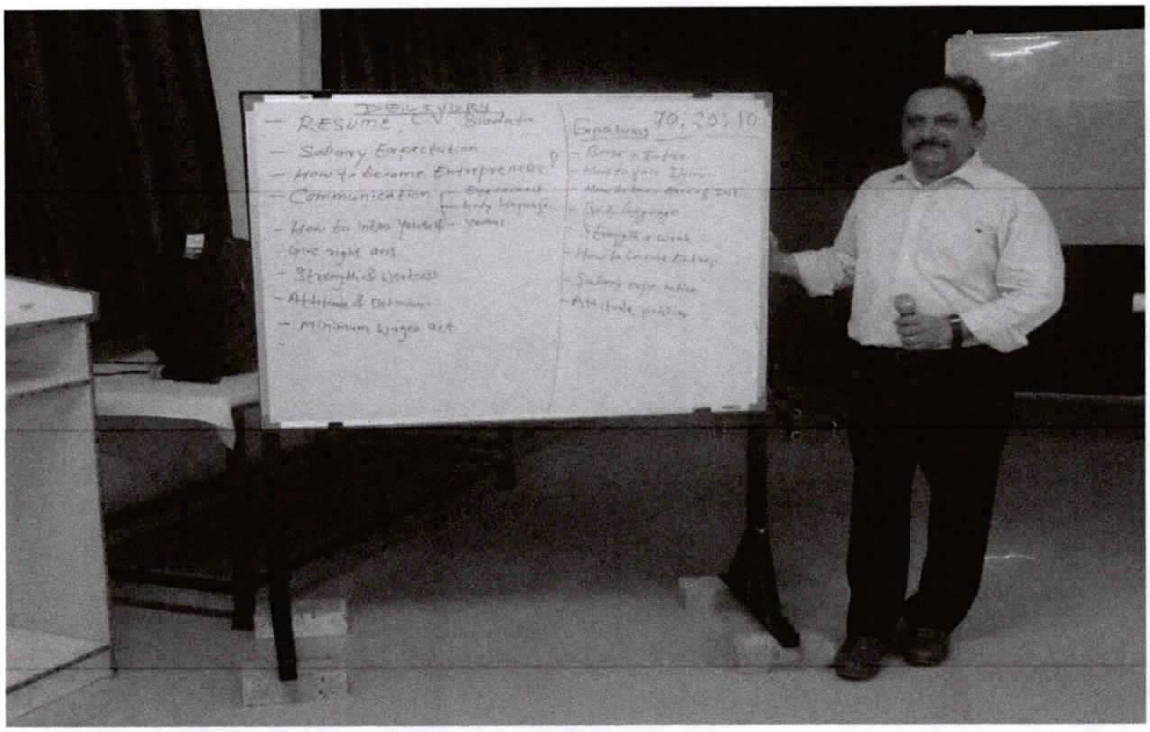

Deshpande sir showing the topics covered during the training session

Some on hand training for BE mechanical students

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Tala
Raigad

BE Mechanical Students along with Trainer and faculties

In the final segment of first session, Deshpande Sir asked the students to present any topic and recorded the same. Then video recording was played, examined and detailed analysis of body language, quality of voice, confidence level was offered to many participants. It was the most important and thrilled part of the training for all. After training on presentation skills, Deshpande Sir verified whether all the expectation of the students fulfilled or not. At the end of session, participants thanked the trainer for teaching very essential life skills.

On the next day, session started at 12.00pm and was again full of interview techniques as in first session. Participants cleared all their doubts regarding interview. The session was followed by participants feedback. The session ended with a vote of thanks by **event coordinator Prof. Siddhesh Kamat**. He thanked the trainer for giving the valuable guidance and training to the students. He expressed gratitude to all for their contributions. Total 44 students from BE Mechanical class attended the program.

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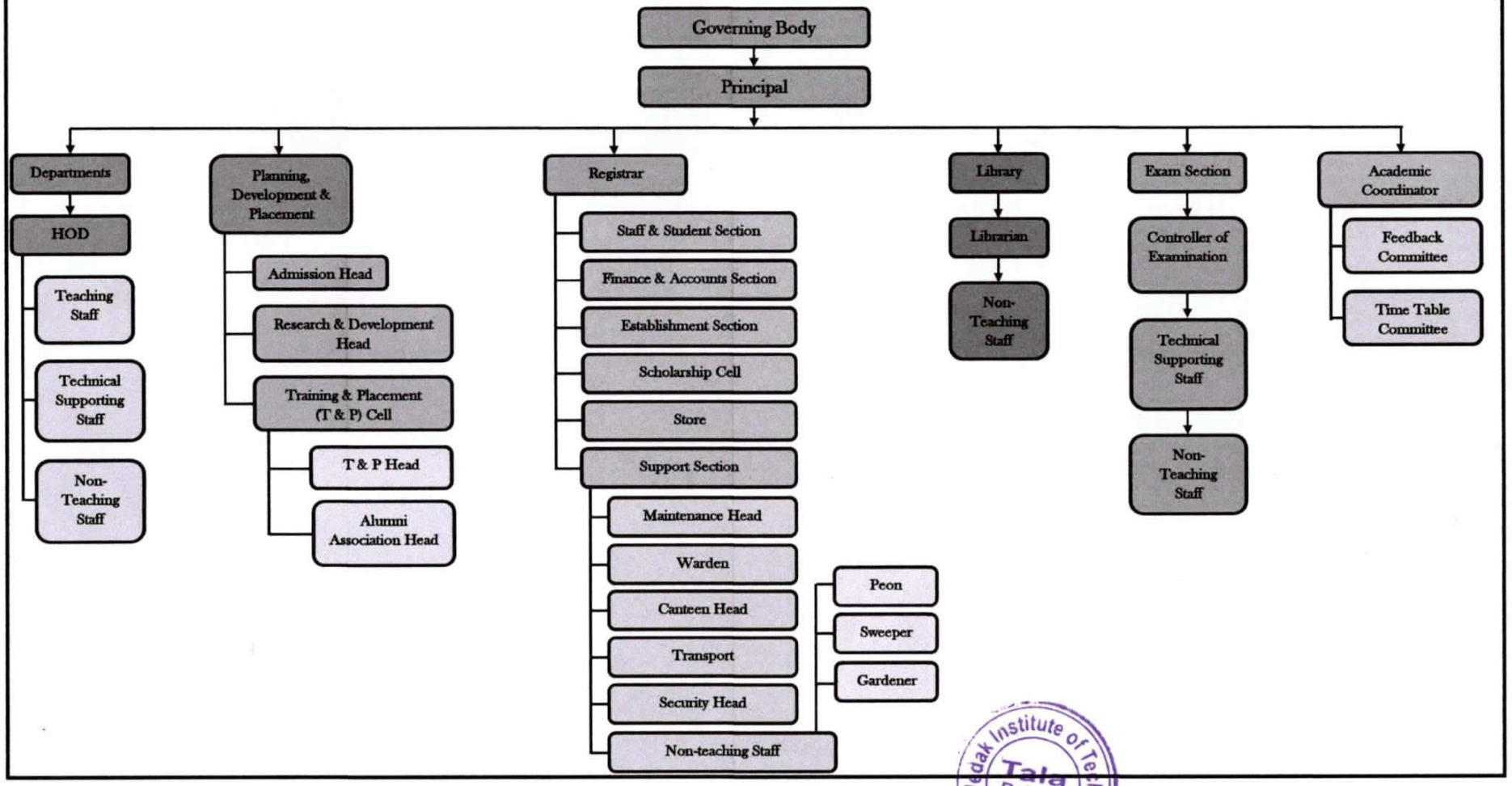
SHRI GOPINATH MAHADEO VEDAK PRATISHTHAN'S

G. M. VEDAK INSTITUTE OF TECHNOLOGY

Functional Organizational Structure



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