

NAAC Accredited & ISO 9001:2015 Certified

VIDYA VIKAS PRATISHTHAN

Regd. No. MAH/1387/2005 Solapur



V. V. P. Institute of Engineering & Technology, Solapur.

Approved by AICTE, New Delhi, Recognised by DTE Mumbai, Affiliated to DBATU, Lonere & SU, Solapur

Soregaon-Dongaon Road, Soregaon, Solapur - 413 008.
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Ref. No. : VVPJET/OFF/2020-21/07

Date : 16/07/2020

To,
The Director,
National Assessment & Accreditation Council,
P. O. Box No. 1075,
Opp: NLSIU, Nagarbhavi,
Bangalore- 560 072.

Sub: Regarding AQAR Report.

Respected Sir,

With reference to the above subject, we are submitting herewith the AQAR Report along with necessary documents for A. Y. 2019-20 in the prescribed format as per your requirement.

Please accept & acknowledge the same.

Thanking you,


Principal
V. V. P. Institute of Engineering
& Technology, Solapur.



Encl: As above

Annual Quality Assurance Report

(2019-20)

Submitted by



V.V.P. Institute of Engineering and Technology,
Soregaon, Solapur – 413 008 MH, INDIA



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

NAAC

VISION

To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

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The Annual Quality Assurance Report (AQAR) of the IQAC

For Academic Year 2019-20

Part – A

I.Details of the Institution

1.1 Name of the Institution

Vidya Vikas Pratishthan Institute of Engineering & Technology,
Solapur.

1.2 Address Line 1

72/2 B, Pratap Nagar, Soregaon-Dongaon Road, Soregaon

Address Line 2

Solapur – 413 008, Maharashtra

City/Town

Solapur

State

Maharashtra

Pin Code

413 008

Institution e-mail address

vvpiet@rediffmail.com

Contact Nos.

8380030555

Name of the Head of the Institution:

Dr. S. V. Deshpande

Tel. No. with STD Code:

0217- 6452555

Mobile:

9890014191/9822929349

Name of the IQAC Co-ordinator:

Prof. A. A. Patil

Mobile:

9960322717

IQAC e-mail address:

avipatil236@gmail.com

1.3 NAAC Track ID(For ex. MHCOGN 18879)

MHCOGN23530

1.4 NAAC Executive Committee No. &Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner-bottom of your institution's Accreditation Certificate)

EC(SC)/12/A&A/37.1

1.5 Website address:

www.vvpengineering.org

Web-link of the AQAR:

<http://www.vvpengineering.org/IQAC.pdf>

1.6 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.41	Feb. 2016	Feb. 2016- Feb. 2021 (5 years)

1.7 Date of Establishment of IQAC : DD/MM/YYYY

01/07/2017

1.8 AQAR for the year

2019-20

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

AQAR 2018-19 submitted to NAAC on 18-07-2019

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid GC 2(f) UGC 12B

Grant-in-aid +Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI(Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

Dr. Babasaheb Ambedkar
Technological University, Lonere

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	-		
University with Potential for Excellence	Nil	UGC-CPE	Nil
DST Star Scheme	Nil	UGC-CE	Nil
UGC-Special Assistance Programme	Nil	DST-FIST	Nil
UGC-Innovative PG programmes	Nil	Any other (<i>Specify</i>)	Nil
UGC-COP Programmes	Nil		

2.IQACComposition and Activities

2.1 No. of Teachers	08
2.2 No. of Administrative/Technical staff	02
2.3 No. of students	01
2.4 No. of Management representatives	01
2.5 No. of Alumni	01
2. 6 No. of any other stakeholder and community representatives	NIL
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	NIL
2.9 Total No. of members	14
2.10 No. of IQAC meetings held	2

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- National Level Technical Symposium “WISOTECH- 2020”
- National level FDP on “ e-Learning: Creating & Managing e-content”
- Faculty development program on “e- Learning Resources”
- Faculty development program on “Special Topics in Industry Applications”
- Webinar on “Post Covid Job Scenario in MNC for Diploma & Engg. Students”
- Webinar on “Stress Management”
- Webinar on “Enhancing English of Engg. World 4.0”
- Webinar on “It’s easy to become Entrepreneur, If you do this... !”
- Webinar on “Unknown Facts of Facebook”
- Webinar on “Industrial Digital manufacturing (3D Printing)”
- Webinar on “Role & Responsibility of Engineer in R & D Dept. of Automotive MNC”
- Webinar on “Fundamentals of Python Programming”
- Webinar on “Opportunities in IT for Engineers”
- Webinar on “Opportunities for Engineers in competitive Exam”
- Webinar on “Benefits of Construction- ERP Software”
- One week online internship training on “Arduino Programming and its Applications”
- One week online internship program on “Web Development using PHP & SQL”
- One week online Internship on “Basics of Product Design Using AUTOCAD”
- One day workshop on “CREO”
- One day workshop on “Ansys Workbench”
- One day E- Workshop on “Advanced Design using Fusion 360”
- Two week online internship training on “AUTO-CAD Command with Drawing 2D & 3D”
- Two week online internship training on “Analysis & Design of RCC St. using ETABS”
- One day seminar on “Safety in Substation”
- One day Workshop on “MATLAB & ITS APPLICATIONS”
- One day workshop on “ARDUINO”
- One day workshop on “MATLAB”
- One day workshop on “Programming VLSI”
- One day workshop on “IOT”
- One day workshop on “VLSI design & Hardware”

2.14 Significant Activities and contributions made by IQAC

- | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Enhanced online students' feedback system 2. Formation of committees for <ul style="list-style-type: none"> ➤ Students activities ➤ Research activities ➤ Administration 3. Promoted students for research activities |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<ol style="list-style-type: none"> 1. Preparation of academic calendar and academic quality monitoring activities 2. Preparation of technical and other activities plan at department and institute level 3. Implementation of enhanced online students feedback system 4. Formation of committees for <ul style="list-style-type: none"> ➤ Students activities ➤ Research activities ➤ Administration 	<ol style="list-style-type: none"> 1. Plan is prepared and all activities carried out successfully. 2. Technical activities plan at department as well as institute level is executed. 3. Enhanced online students feedback system is implemented 4. Established committees

* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	2	0	0	0
UG	5	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	7	0	0	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	8

1.3 Feedback from stakeholders*Alumni Parents Employers Students
(On all aspects)

Mode of feedback: Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

B.E. Electrical Engineering (CBCS), T.Y. syllabus of all department is revised

F.Y.B.Tech. syllabus has been updated by DBATU , Lonere. As compared to previous syllabus it is more practical oriented. It has incorporated mini project , field training, audit course subjects etc.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

-

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
58	54	2	2	-

2.2 No. of permanent faculty with Ph.D.

4

2.3 No. of Faculty Positions Recruited (R) and Vacant(V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	R	V	R	V	R
54	-	2	-	2	54	-	2	-	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-
---	---	---

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	08	09	58
Presented papers	03	04	-
Resource Persons	-	-	03

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of smart classroom and ICT tools for easy understanding
- Students assigned to design & develop model of their own interest
- Registering and attending NPTEL courses
- Project based learning
- Industrial visits
- Organization of workshops and project exhibition
- Executing value added programmes for getting experimental learning
- Final year students assigned to improve the features of their project work after assessing by experts
- Students' Club is formed at department to explore students' technical and practical skills by providing various platforms through groups viz. General Aptitude group, Cultural group, Web site group, Technical group.
- Use of SWAYAM portal and online NPTEL courses.
- Product based learning related in accordance with market requirements
- Industrial visits

2.7 Total No. of actual teaching days during this academic year

235

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Online Multiple Choice Questions using Google forms

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

08

2.10 Average percentage of attendance of students

87%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E. -Civil (SEM-I)	53	35	4	-	-	73.58
B.E-CSE (SEM-I)	23	19	1	2	1	100%
B.E-Elect. Engg. (SEM-I)	11	06	01	-	-	63%
B.E-E&TC (SEM-I)	03	-	01	-	-	33.33%
B.E.-Mech. (SEM-I)	32	14	04	2	1	65.63%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

Enhances the quality of education

1. Academic monitoring committee takes review of all faculties and gives suggestions about the shortcomings to improve the overall performance of faculty
2. In addition with faculty review, students feedback is taken twice a semester and depending on evaluation suggestions are given to faculty

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	03
UGC – Faculty Improvement Programme	12
HRD programmes	-
Orientation programmes	10
Faculty exchange programme	02
Staff training conducted by the university	09
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	08
Others	14

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	07	-	-	-
Technical Staff	09	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

To promote the R&D activities institute level policy is framed out through which funds are provided for research activities of students & faculties.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	04	-	-
Non-Peer Review Journals	07	01	
e-Journals	01	01	
Conference proceedings	01	03	

3.5 Details on Impact factor of publications:

Range 0.5- Average 7.5 h-index 4 Nos. in SCOPUS 3

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2019-20	Solapur Municipal Corporation , Solapur.	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	Nil	Nil	-	-	-
	Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	02

3.18 No. of faculty from the Institution who are Ph.D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>	
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="6"/>	Any other <input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Educated the nearby village (Soregoan) people about the importance of renewable energy sources and conservation of electrical energy.
- Conducted 8th Inspired award science exhibition in association with Zillah Parishad, Solapur
- Organized voting awareness seminar in association with 95FM
- NSS organized Blood donation Camp.
- NSS organized Swachta Abhiyan.
- NSS organized Tree plantation.
- NSS organized Dental check-up camp.
- Food donation for pilgrim by NSS.
- Yoga Capitation & Eassy Capitation organized by NSS.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	5.59 Acres	-	-	
Class rooms	14	-	-	
Laboratories	38	-	-	
Seminar Halls	01	-	-	
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	07	02	-	
Value of the equipment purchased during the year (Rs. in Lakhs)	-	4,48,011	College fees	4,48,011
Others	-	-	-	

4.2 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	14075	4251332	495	265871	14570	4517203
Reference Books						
e-Books	475	92260	20	-	495	92260
Journals	57	1672844	54	91200	111	1764044
e-Journals	816	650323.5	-	-	816	650323.5
Digital Database	-	-	-	-	-	-
CD & Video	350	-	20	-	370	-
Others (specify)	13	83920	-	-	13	83920

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	-	13	25Mbps, 10 Mbps	03	01	-	-	-
Added	-	-	-	-	-	-	-	-
Total	-	13	25Mbps, 10 Mbps	03	01	-	-	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Three days National level FDP on “ e-Learning: Creating & Managing e-content”
- Faculty development program on “e- Learning Resources”
 - Placement aptitude test, online test, NPTEL, Project work, Seminar work, Online examination
 - Conducted hardware workshop for students under Technical group of Students’ Club

4.6 Amount spent on maintenance in lakhs :

i) ICT		--
ii) Campus Infrastructure and facilities		--
iii) Equipments		8.35
iv) Others		355.87
Total :		364.32

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Updates on notice board about all activities to be conducted for students
2. Displaying academic calendar on notice board as well as on web site to make aware all students about academic activities throughout the semester
3. Sending letters to parents about report of attendance as well as test marks after each month
4. Arranging guest lectures, workshops, industrial experts talk to make aware students about current trends in the market
5. Conducting guest lectures on career after graduation in government sector as well as private sector

5.2 Efforts made by the institution for tracking the progression

1. Regular students feedback is taken on monthly basis to trace the status of various parameters set by the IQAC committee
2. Academic results are collected after every semester from each department and analysis is done with set benchmarks

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
558	11	-	-

(b) No. of students outside the state

-

(c) No. of international students

-

Men

No	%
405	

Women

No	%
164	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
154	54	0	42	0	250	166	73	0	52	0	291

Demand ratio

Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- In the winter vacations coaching for various subjects of different programme for GATE arranged. Practice test conducted for GATE aspirants.
- Coaching classes conducted to prepare students for M.P.S.C. & U.P.S.C. examinations.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input style="width: 30px; text-align: center;" type="text" value="-"/>	SLET	<input style="width: 30px; text-align: center;" type="text" value="-"/>	GATE	<input style="width: 30px; text-align: center;" type="text" value="-"/>	CAT	<input style="width: 30px; text-align: center;" type="text" value="-"/>
IAS/IPS etc	<input style="width: 30px; text-align: center;" type="text" value="-"/>	State PSC	<input style="width: 30px; text-align: center;" type="text" value="-"/>	UPSC	<input style="width: 30px; text-align: center;" type="text" value="-"/>	Others	<input style="width: 30px; text-align: center;" type="text" value="-"/>

5.6 Details of student counselling and career guidance

Throughout the academic year, various seminars & workshops arranged to create awareness among the students regarding career & study in abroad, fellowship etc. Ten students were allocated to each faculty member. They conducted a meeting every week in the proctor hour mentioned in the time table itself & counselled the students.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
38	22(Mech)+ 23 (CSE) + 3(E&TC) + 8 (Elect.)+ 8 (Civil) = 65	12(Mech)+ 14 (CSE) + 0(E&TC) + 2 (Elect.)+ 0 (Civil) = 28	In-process

5.8 Details of gender sensitization programmes

Guest lecture on International Women's Day, Cultural activities through Cultural group of Students' club, Poster Competition (theme-save girl)

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount Rs. In Lakhs
Financial support from institution	--	--
Financial support from government	540	2,65,23,329
Financial support from other sources	--	--
Number of students who received International/ National recognitions	---	--

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

11

5.13 Major grievances of students (if any) redressed: _____ -- _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

- To produce universally competent dynamic engineers, who will be instrumental for the development of the society.

Mission:

- To foster a new generation of outstanding technical persons who will be catalysts for change and march towards excellence in the fields of engineering, which will help ultimately to society.
- To enhance carrier opportunities for students through exposure to industry with new technologies, methodologies and appropriate skill.

6.2 Does the Institution has a management Information System

Yes, MIS is used for -

- Accounts and financial works
- Store and material requisition
- Staff attendance biometric and leave approval
- Library
- At the departments, MIS is used to maintain the record of Staff achievements, Conference attended/Expert lectures conducted

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Syllabus is prescribed by the university. Topics which are necessary but are not in the syllabus are identified & taught by respective subject teacher by conducting extra classes.

University defines syllabus and it is taught by respective subject teacher. Contents related to syllabus and not mentioned in it are identified and delivered to students by conducting extra lectures.

6.3.2 Teaching and Learning

- NPTEL online video lectures
- Project based teaching & learning process is adopted.
- Mini projects are assigned to students.
- Expert lectures and field visits are done to explore theory aspects of the respective subjects.
- SWAYAM/NPTEL online courses
- Spoken tutorial
- Students are assigned sponsored mini projects
- Google classroom is used to deliver contents and conduct tests

6.3.3 Examination and Evaluation

- Apart from university examination, at central level in college unit tests are conducted at regular frequencies and evaluation is done and results are displayed on notice board.
- For peculiar subjects regular class tests are conducted on weekly basis.
- As per the university pattern (70 – 30), 30 marks are given to the students by following the format finalized by IQAC

6.3.4 Research and Development

To encourage the students in R&D activities we are conducting an R&D class every week which is mentioned in the time table itself.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- College library has nearly 15000 heads of books. In addition every department has departmental library running for respective students and staff.
- Book bank facility is given to first 5 rankers from all classes every semester
- NPTEL video lectures library is made available for students and staff
- Staff members do use ICT methodologies for easy understanding of subject by students
- Book facility is given to students/staff apart from central library facility at department level library.
- Online spoken tutorial, NPTEL courses
- ICT methodologies are in use by faculties for teaching learning process
- Google classroom is in use by faculties

6.3.6 Human Resource Management

Institute is organising FDPs regularly to Train the faculty.
Institute is publishing the advertisement regularly to recruit the faculty as per AICTE norms.

6.3.7 Faculty and Staff recruitment

Faculty recruitment is done as per the guidelines by UGC and AICTE

6.3.8 Industry Interaction / Collaboration

- During This Year Industry Interaction / Collaboration done with Automation Edge Pvt. Ltd., Pune
- During This Year Industry Interaction / Collaboration done with Tata Technologies, Pune for DRE Programme.
- During This Year Industry Interaction / Collaboration done with pariksha.co for online test assessment and assistance for Practice

6.3.9 Admission of Students

1. As per guidelines by DTE admissions are done

6.4 Welfare schemes for

Teaching	07
Non teaching	01
Students	01

6.5 Total corpus fund generated

-

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	-	Yes	
Administrative	Yes	-	Yes	

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Within Month DBATU University conducts remedial online examination for Students

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

DBATU, university has positive approach towards awarding autonomy to the affiliated institutes who fulfill the norms and apply for autonomy.

6.11 Activities and support from the Alumni Association

- Alumni working in industries come to conduct the guest lectures, workshops
- Alumni provides guidelines to students about their career
- Alumni's are invited regularly to institute to impart their working experiences with present students.
- Alumni's are invited to give feedback to improve teaching learning process if any

6.12 Activities and support from the Parent – Teacher Association

Parent – Teacher Meet is conducted 2 times in each semester for enrichment of parent teacher relation and to understand about students facing problem if any

6.13 Development programmes for support staff

- Delegating the staff for different courses for skill up-gradation
- outside the institute
- In house Workshops (IT, Biotech department)
- Training to improve computer handling skills.
- Training on conducting feedback sessions

6.14 Initiatives taken by the institution to make the campus eco-friendly

- No plastic zone
- Rainwater – Harvesting
- Bio-gas for canteen wash
- Solar Panel
- Recycle & Reuse of water waste
- Rain Water Harvesting
- Solar Heater
- Solar street lights
- Bio gas plant
- Recycling sewage for vegetation
- Energy conservation

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Student development cell- Given platform to students to learn and share their
- knowledge and Practice Outcome based teaching methodologies.
- Organizing Abhigyan-Career guidance program every year
- E-waste-recycle, reduce, reuse is continuously been done.
- Practice Outcome based teaching methodologies
- An Exhibition cum Competition was held for Projects and Mini-Projects of Final year and Third year students. Winners of the same have been awarded.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Motivational talks by experts in the field of entrepreneurship
- Seminars and interactive sessions with experts in the field of market
- Creation of environmental awareness programme

7.3 Give two Best Practices of the institution

- Online students' feedback on monthly basis
- Educational opportunities to academically weak students by conducting extra practice sessions
- Academic Dairy
- Lecture engagement register
- Educating peoples about importance of renewable energy sources.
- Educating peoples about importance of energy conservation.

7.4 Contribution to environmental awareness / protection

- Tree Plantation
- Swachatta Mission Abhiyan
- No plastic day
- Save Water, Save Energy & Save Tress
- Educated Soregoan village peoples about environ impacts of non renewable energy sources & advantages of renewable energy sources, which protects the environmental impacts.

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add.

1. E-IQAC is in practice
2. Digital learning platform in use

8. Plans of institution for next year

- Extend computing facility
- To make e-IQAC running at college level
- To enrich research activities
- To adopt at least two villages & educate peoples about importance of renewable energy sources, particularly the solar energy.
- Educating peoples about energy conservation.

Name Prof. A. A. Patil

Name Prof. Dr. Shailesh V. Deshpande

Sd/-

Sd/-

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission



NAAC Accredited and ISO 9001:2015 Certified

V.V.P. Institute of Engineering & Technology, Solapur.

Faculty Academic Calendar (2019-20) Odd Semester (B.Tech. First year)

Month	Activity	Planned Day / Week
Aug	Commencement of classes	1/8/2019
	Induction Program	1/8/2019 to 5/8/2019
	Students feedback	31/8/2019
Sept	First test	4/5/2019, 5/9/2019 & 7/9/2019
	Monthly HoD's presentation	9/9/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	12/09/2019
	Students feedback	28/09/2019
Oct	Mid Semester Examination	3/10/2019 to 5/10/2019
	Monthly HoD's presentation	5/10/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	10/10/2019
	Diwali vacations	25/10/2019 to 29/10/2019
Nov	Final defaulter list	15/11/2019
	Second test	13/11/2019 to 15/11/2019
	Term work submission	16/11/2019 and 18/11/2019
	End of classes	18/11/2019
	Letters to parents	20/11/2019
	Practical exam	20/11/2019 to 25/11/2019
Dec	End semester exam	3/12/2019 to 10/12/2019
Commencement of even Semester		1/1/2020

Note: 1. Industrial visit:

- Short duration visit (up to 2 days) can be planned during academics.
- Long duration visit (Maximum 7 days) should be planned during vacations.
- At least two visits should be planned per semester.

2. Expert lecture(Industry/Subject):

At least one expert lecture per subject should be organized to create awareness among the students and faculties about recent/advanced development in the respective subject.

3. First / Second test: Duration: 1 hr. Marks: 20 Timings: 10:30am – 11:30am and 2pm – 3pm.

Papers should get evaluated and marks should be submitted within 2 days after examination.

4. Mid sem Exam: This exam will be conducted as per the DBATU directives.

5. Chapter wise / regular test should be conducted for peculiar mathematical subjects.

6. Assignments (TH / PR):

- At least four assignments should be given for respective subjects (One Assignment / Month).
- Number of assignments can be more if required (after consulting with HOD).

***Any change in the schedule will be notified well in time if there is any.**

Academic Coordinator
(Ms. Sajjan R. S.)

Principal



NAAC Accredited and ISO 9001:2015 Certified
V.V.P. Institute of Engineering & Technology, Solapur

Faculty Academic Calendar (2019-20) Odd Semester (SY/TY B. Tech.)

Month	Activity	Planned Day / Week
July	Commencement of classes	8/7/2019
Aug	First test	1/8/2019 to 3/8/2019
	Monthly HoD's presentation	10/8/2019
	Remedial Examination	13/8/2019 to 17/8/2019
	Students feedback	29/8/2019 to 31/08/2019
Sept	Monthly HoD's presentation	14/9/2019
	Mid sem examination	11/9/2019 to 13/9/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	19/9/2019
	Students feedback	26/09/2019 to 28/9/2019
Oct	Second test	3/10/2019 to 5/10/2019
	Monthly HoD's presentation	5/10/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	10/10/2019
	Diwali vacations	25/10/2019 to 29/10/2019
Nov	Final defaulter list	5/11/2019
	Term work submission	6/11/2019 to 8/11/2019
	End of classes	8/11/2019
	Practical exam	11/11/2019 to 16/11/2019
	Monthly HoD's presentation	15/11/2019
	End semester exam	19/11/2019 to 30/11/2019
Dec	Supplementary exam	2/12/2019 to 9/12/2019
	Commencement of even semester	1/1/2020

Note: 1. Industrial visit:

- Short duration visit (up to 2 days) can be planned during academics.
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At least one expert lecture per subject should be organized to create awareness among the students and faculties about recent/advanced development in the respective subject.

3. First/Second test: Duration: 1 hr. Marks: 20 Timings: 10:30am - 11:30am and 2pm - 3pm.
Papers should get evaluated and marks should be submitted within 2 days after examination.

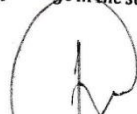
4. Mid sem Exam: This exam will be conducted as per the DBATU directives.

5. Chapter wise / regular test should be conducted for peculiar mathematical subjects.

6. Assignments (TH / PR):

- At least four assignments should be given for respective subjects (One Assignment / Month).
- Number of assignments can be more if required (after consulting with HOD).

***Any change in the schedule will be notified well in time if there is any.**


Academic Coordinator





NAAC Accredited and ISO 9001:2015 Certified
V.V.P. Institute of Engineering & Technology, Solapur
Faculty Academic Calendar (2019-20) Sem – I (BE all branches)

Month	Activity	Planned Day / Week
July	Term start	1/7/2019
Aug	Unit test I	1/8/2019 to 3/8/2019
	Monthly HoD's presentation	10/8/2019
	Students feedback	29/8/2019 to 31/08/2019
Sept	Monthly HoD's presentation	9/9/2019
	Unit test II	12/9/2019 to 14/9/2019
	Project presentation	19/9/2019 to 20/9/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	19/9/2019
	Students feedback	26/09/2019 to 28/9/2019
Oct	Unit test III	3/10/2019 to 5/10/2019
	Monthly HoD's presentation	5/10/2019
	Extra PR/TH for lagging subjects	Saturdays & Sundays
	Letters to parents (Report of result and attendance)	10/10/2019
	Diwali vacations	25/10/2019 to 29/10/2019
Nov	Final defaulter list	5/11/2019
	Term work submission	6/11/2019 to 8/11/2019
	Term end	8/11/2019
	Practical exam	3 rd Week*
Dec	Theory exam	1 st week*
	Commencement of even Semester	1/1/2020

*schedule is subject to change.

Note: 1. Industrial visit:

- Short duration visit (up to 2 days) can be planned during academics.
- Long duration visit (Maximum 7 days) should be planned during vacations.
- At least two visits should be planned per semester.

2. Expert lecture(Industry/Subject):

At least one expert lecture per subject should be organized to create awareness among the students and faculties about recent/advanced development in the respective subject.

3. Unit test: Duration: 1 hr. Marks: 20 Timings: 10:30am - 11:30am and 2pm - 3pm.

Papers should get evaluated and marks should be submitted within 2 days after examination.

4. Chapter wise / regular test should be conducted for peculiar mathematical subjects.

5. Assignments (TH / PR):

- At least four assignments should be given for respective subjects (One Assignment / Month).
- Number of assignments can be more if required (after consulting with HOD).



Vidya Vikas Prathisthan's

V.V.P. Institute of Engineering & Technology, Solapur.

Faculty Academic Calendar (2019-20) Sem – II(For FY-TY All Classes)

Month	Activity	Planned Day / Week
Jan	Term Start	6/1/2020
Feb	First Test	10/02/2020 to 12/02/2020
	Monthly Academic Review	11/02/2020
	Students feedback	13/02/2020 & 14/02/2020
	Letters to parents (Report of result and attendance)	15/02/2020
	Parents meet	15/02/2020
	Extra PR/TH for lagging subjects	Saturdays & Sundays
March	Mid Semester Examination	16/03/2020 to 19/03/2020
	Monthly Academic Review	17/03/2020
	Students feedback	20/03/2020 & 21/03/2020
	Letters to parents (Report of result and attendance)	23/03/2020
	Extra PR/TH for lagging subjects	Saturdays & Sundays
April	Second Test	09/04/2020 to 11/04/2020
	Letters to parents (Report of result and attendance)	17/04/2020
	Monthly Academic Review	18/04/2020
May	End of classes	05/05/2020
	Workload Distribution for odd semester	06/05/2020
	Termwork submission	06/05/2020 to 09/05/2020
	Summer vacation	After POE*
June	Letters to parents (About Commencement of A.Y. 2020-21)	19/06/2020
	Teaching Plan ,Notes, Lab Manual	24/06/2020
	Address to all staff by Principal	29/06/2020
	Commencement of 2020-21 Sem-I	01/07/2020

*schedule is subject to change.

Note: 1. **Industrial visit:**

- Short duration visit (up to 2 days) can be planned during academics.
- Long duration visit (Maximum 7 days) should be planned during vacations.
- At least two visits should be planned per semester.

2. **Expert lecture(Industry/Subject):**

At least one expert lecture per subject should be organized to create awareness among the students and faculties about recent/advanced development in the respective subject.

3. **First test/ Second test: Duration:** 1 hr. **Marks:** 20 (5 M Objectives + 15 M Descriptive)

Timings: 10.30am - 11.30am and 2pm - 3pm.

Papers should get evaluated and marks should be submitted within 2 days after examination.

4. **Mid Semester Examination: Examination will be conducted as per the directives of DBATU, Lonere.**

5. Chapter wise / regular test should be conducted for peculiar mathematical subjects.

6. **Assignments (TH / PR):**

- At least four assignments should be given for respective subjects (One Assignment / Month).
- Number of assignments can be more if required (after consulting with HOD).

(Changes will be conveyed if there are any.)

Academic Coordinator
(Ms. Sajjan R. S.)

Principal

01/01/2020



Vidya Vikas Prathisthan's
V.V.P. Institute of Engineering & Technology, Solapur.
Faculty Academic Calendar (2019-20) Sem – II(For BE All Classes)

Month	Activity	Planned Day / Week
Jan	Term Start	1/1/2020
Feb	Unit Test I	10/02/2020 to 12/02/2020
	Monthly Academic Review	11/02/2020
	Students feedback	13/02/2020 & 14/02/2020
	Letters to parents (Report of result and attendance)	15/02/2020
	Parents meet	15/02/2020
March	Unit Test II	16/03/2020 to 18/03/2020
	Monthly Academic Review	17/03/2020
	Students feedback	20/03/2020 & 21/03/2020
	Letters to parents (Report of result and attendance)	23/03/2020
	Extra PR/TH for lagging subjects	Saturdays & Sundays
April	Termwork Submission	03/04/2020 to 04/04/2020
	Unit Test III	09/04/2020 to 11/04/2020
	Letters to parents (Report of result and attendance)	17/04/2020
	Monthly Academic Review	18/04/2020
	Term End	11/04/2020
	POE Exam*	3 rd Week
	Workload Distribution for odd semester	30/04/2020
	Extra PR/TH for lagging subjects	Saturdays & Sundays
May	PAHSU, Solapur Theory exam*	1 st week
	Summer vacation	After POE
June	Letters to parents (About Commencement of A.Y. 2020-21)	19/06/2020
	Teaching Plan ,Notes, Lab Manual	24/06/2020
	Address to all staff by Principal	29/06/2020
	Commencement of 2020-21 Sem-I	01/07/2020

*schedule is subject to change.

Note: 1. **Industrial visit:**

- Short duration visit (up to 2 days) can be planned during academics.
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At least one expert lecture per subject should be organized to create awareness among the students and faculties about recent/advanced development in the respective subject.

3. **Unit test:** Duration: 1 hr. Marks: 20 (5 M Objectives + 15 M Descriptive)

Timings: 10:30am – 11:30am and 2pm – 3pm.

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• Number of assignments can be more if required (after consulting with HOD).

(Changes will be conveyed if there are any.)

Academic Coordinator
(Ms. Sajjan R. S.)

Principal

01/01/2020