



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		MET'S INSTITUTE OF PHARMACY
Name of the head of the Institution		Sanjay Jayprakash Kshirsagar
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		0253-2555860
Mobile no.		9370245235
Registered Email		principal_iop@bkc.met.edu
Alternate Email		metiopnaac@gmail.com
Address		MET'S Institute of Pharmacy, Bhujbal Knowledge City Adgaon
City/Town		Nashik
State/UT		Maharashtra
Pincode		422003

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr Santosh S. Chhajed
Phone no/Alternate Phone no.	02532555861
Mobile no.	9923117500
Registered Email	santoshc_iop@bkc.met.edu
Alternate Email	chhajedss@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://metbhujbalknowledgecity.ac.in/metpharm/naac/
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://metbhujbalknowledgecity.ac.in/MEET%20DATA/IOP/IOP%20academic%20calender%2019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.56	2021	15-Feb-2021	14-Feb-2026

6. Date of Establishment of IQAC	27-Jun-2015
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Two days state level conference on HR Perspective for Pharmaceutical Industry	03-Jan-2020 02	177
5th METRxPLORE 2020, UG research conference	08-Feb-2020 01	130
Webinar on Revolutionary Benchtop NMR and Mass spectrometer in association with Inkarp Instruments Mumbai	10-May-2020 01	250
Webinar on flash chromatography in association with Inkarp Instruments Mumbai	09-May-2020 01	250
Webinar on Transdermal Generic Product Development	19-May-2020 05	1250
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dept. of Pharmaceutics	AICTE-MODROBS	AICTE	2019 730	1474000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Organised HR perspective in Pharmaceutical Industry funded by QIP scheme of SPPU Pune ? Organized IAC meeting as part of industry academia interaction ? Encouraged staff for submitting major research proposal ? Purchased instruments like bioanalyzer and mixer granulator ? Organized lectures, seminars and webinars for students and staff

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
NIRF Ranking Participation	METS IOP has been ranked in the band between 76 to 100 of NIRF Ranking at National level by MHRD Government of India
AICTE CII Survey	MET'S IOP has been listed in Platinum category by AICTE CII survey 2020 for best industry linked technical institute.
NBA Accreditation	Inspection for reaccreditation for B. Pharm. course by NBA
Plan for Academic improvements	Organised seminar, workshops for students
Plan for Research and developments	Purchased Biochemical Analyser, HPLC by Waters
Plan for Faculty development	Faculty attended FDP
Industry institute interaction	Organised Industrial visit for students
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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

10-Feb-2021

16. Whether institutional data submitted to AISHE:

No

17. Does the Institution have Management Information System ?

No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Due to Covid-19 pandemic situation, we are conducting all curricular aspects of the academic through online moodle by using various platforms such as Gnomio Moodle, Google classrooms, Google meet etc. We keep educating the students through different innovative techniques. For online lectures time table is provided by course monitoring committee to all teaching faculties. For the proper delivery of content, we had separately opened individual google account for students, providing user id and password for easy access. We have created a separate google classrooms for each year with same link for google meet so that students can attend lectures on a single click. Teachers share notes in the form of soft copy like ppt, pdf or books, reserach /review articles in Moodle account. All notification/ announcements are provided on moodle account. Students can easily access this moodle account through their username and password without any difficulty. Examinations are also conducted on moodle account in the form of quiz, assignment, MCQ, etc. and also google meet is used for viva and synopsis. Evaluation of exam is also made easy without any error and after submitting the answers student can directly access their scores and generation of mark sheet is also possible. Savitribai Phule Pune University have also conducted final semester examinations through online mode by providing separate username and password which was separately provided to each and every student on their personal email Id and result was displayed on their login within two days from examination day of every subject and final result of every student were communicated with college in the form of ledger.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Hands on Training Program on HPLC, UPLC LC-MS	-	Nil	Nil	Nil	Course could not conducted due to pandemic situation
Certificate Course in Ph armacovigila nce	Nil	Nil	Nil	Course could not conducted due to pandemic situation	Nil
Certificate Course in Intellectual Property Rights	Nil	Nil	Nil	Course could not conducted due to pandemic situation	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MPharm	Pharmacology	10/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BPharm	Pharmaceutical Sciences	17/06/2019
MPharm	Pharmaceutics	17/06/2019
MPharm	Quality Assurance Techniques	17/06/2019
MPharm	Pharmaceutical Chemistry	17/06/2019
MPharm	Pharmacology	17/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Personality Development	08/07/2019	56
Communication Soft Skill Development	13/01/2020	106
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BPharm	Nil	110
MPharm	Pharmaceutics	12
MPharm	Quality Assurance Technology	14
MPharm	Pharmaceutical Chemistry	4
MPharm	Pharmaceutics	2
MPharm	Quality Assurance Techniques	2
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?

(maximum 500 words)

Feedback Obtained

MET'S Institute of Pharmacy Bhujbal Knowledge city Nashik is self-financing institute permanently affiliated to SPPU, Pune and follows curriculum prescribed by Savitribai Phule Pune University, Pune. The curriculum is enriched by taking into consideration the need base assessment, demand of society, suggestions from stakeholders and guidelines of regulatory bodies. In order to bridge the gap in between curriculum designed and industrial requirements, we have identified curricular gaps by taking feedback from different stakeholders on following points: 1. Syllabus Effectiveness in terms of content, knowledge, etc. 2. Problem solving ability through syllabus 3. Industrial orientation of syllabus in perspective of technical, regulatory, analytical, etc. 4. Practical skills development and knowledge gain through experiments in laboratory 5. Syllabus effectiveness for personality development in terms of soft skill, professional etiquettes, communication skill, etc. Feedback forms along with suggestions were collected from various stakeholders during academic year. Suggestions are taken into consideration and effectively implemented, details for which are as follows: Suggestions and Actions taken

A. Students

- 1 Career perspective seminar: Conducted orientation program on 09/03/2021 and 10/03/2021
- 2 GATE exam preparation: MCQ test: GPAT Counselling State Level Pharmacy Aptitude Test programme was organized on 05 January 2020
- 3 Additional books on competitive exams in library: Additional 10 books are added in library since 2019
- 4 B Alumni: 1. Program of a week can be arranged for preparation of interview for placement: Five days program from 5th October to 9th October 2020 and additionally Mock Interview was arranged in association with Naandi Foundation for Final year B.Pharm and M.Pharm students
2. Guidance on Resume writing : Resume Writing Workshop was organized on 17th October 2020 by Alumni association and institute
- 3 Interaction with alumni for student's guidance: Online platform of YouTube was used for alumni interaction as 'Alumni Talk'

C Teachers:

1. Improvement in problem solving ability: Problem solving questions are included as a part of question papers for internal exams
- 2 Industrial visits: Industrial visit was organized on 03/02/2020 to Vital Healthcare Pvt. Ltd
- 3 Guidance on Patents: National level seminar on Patenting Innovations of Academicians was arranged on 22nd May 2021
4. Implementation of modern tools for effective teaching: Teachers are using moodle site for notes and conduction of exam smart board, animation, etc. Institute conducted FDP for Virtual Practical Training

D. Employers:

1. Project with Pharma Industry: Analysis and formulation of Herbal Drugs for Chaitanya Pharma is in process
2. Pharmacovigilance/ Device Engineering/ Packaging Development: Course on Pharmacovigilance is conducted in 2021
3. Guidance on Business Development: Guest lecture on start-up Business Plan and Funding on 4th Sep 2020
- 4 Guidance on Patents: National level seminar on Patenting Innovations of Academicians was arranged on 22nd May 2021

E Parents:

1. Guest lectures by Industry people: It was arranged throughout the year on Patents, interview skills, drug designing, etc.
2. Communication skills and personality development of students: Different sessions on interview skills, communication skills including six days program by Mahindra Pride Classroom Online Employability and Soft Skills training program by Training and Placement department

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BPharm	Pharmacy	100	103	103

MPharm	Pharmaceutics	15	16	16
MPharm	Pharmaceutical Chemistry	6	6	6
MPharm	Quality Assurance Techniques	15	16	16
MPharm	Pharmacology	6	6	6
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	348	79	18	7	12

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
25	25	Nil	4	2	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The role of mentorship is to promote the overall growth and development of the students. Mentoring system supports the students to enhance their self-efficacy, planning, understanding, satisfaction with the educational experience and goal setting. MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik has established Mentor Mentee system with following objectives, 1. To establish a bridge between teacher and student/ Develop student and mentor reciprocal learning. 2. To improve overall performance of the students like academic performance, professional guidance, learning ability, independent working ability, leadership quality, team working ability, participation in activities. 3. To support students for carrier path identification and enhance employability skills. 4. To provide psycho social counselling to the students. 5. Motivating the students for better performance in competitive exams and for higher studies by mentors during mentoring sessions Students (mentee) allotted to faculties (mentors) by considering total number of students and faculty. Mentoring structure explained by mentor to allotted students and mentoring of respective mentees carried out by mentor till student gets passed out from institute. Minimum 4 to 5 meeting conducted every semester by mentor to have mentor mentee interaction

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
427	25	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with
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positions			the current year	Ph.D
29	25	4	5	12

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Deokar S. Gitanjali	Assistant Professor	Second Prize for oral presentation of Research work by Poona College of Pharmacy, Bharati Vidyapeeth Pune in association with AICTE and Society of Ethnopharmacology India -Pune Chapter at International Conference
2019	Mrs. Smita P. Kakad	Assistant Professor	Second prize in poster presentation by SNJB's SSDJ College of Pharmacy, Chandwad Nashik at Two days conference 'SNJB PharmaCon-2019'
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MPharm	MPH PC	IV/Second	30/09/2020	20/11/2020
MPharm	MPH QAT	IV/Second	30/09/2020	20/11/2020
MPharm	MPH PCEU	IV/Second	30/09/2020	20/11/2020
BPharm	BPH	VIII/Fourth	27/10/2020	10/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As the institute is affiliated, it is mandatory for the institute to follow the examination and evaluation procedures laid down by the University. SPPU publishes the course structure of the program on website (<http://www.unipune.ac.in>) through which the detailed guidelines about scheme of examination, marking and evaluation system and passing criteria has been made available. There is semester pattern with credit system for B Pharm and all M. Pharm courses run by the institute. Following reforms are initiated for

B Pharm and all M. Pharm courses 1. Submission of Two sets or Four sets (In case of subjects involving MCQs) of sealed Question Paper manuscripts for sessional exams in place of earlier system of submitting only one set 2. Inclusion of questions on Problem based learning in sessional Question paper Additionally for M Pharm Courses the Proposals of research envisaged are also Scrutinized by industrial expert for their valuable suggestions

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the beginning of every academic year, the academic calendar and examination calendar are prepared by considering the academic calendar and Examination schedule prescribed by Savitribai Phule Pune University. The Institute's academic and examination calendar includes probable months for conducting continuous internal examinations. The calendar is displayed to students at the start of the academic year. It is also maintained by teaching faculty in respective course file. It is ensured that the actual conduct of continuous internal examination is followed in the months as mentioned in the calendar. The subject in charges follow deadlines for submission of manuscripts of question papers, for assessment of answer sheets and display of results in the form of showing the checked answer sheets to the students and obtaining signatures of students on the mark lists. Respective subject Incharge discuss the question paper along with expected answers in the class and solve any doubt raised by students regarding the assessment. In the second half of the academic year 2019-20, due to Covid-19 Pandemic, lockdown was enforced, therefore few of the Continuous internal examinations were conducted through online mode where the adherence with the calendar might not be followed.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://metbhujbalknowledgecity.ac.in/metpharm/naac-criteria-2/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BPH	BPharm	Pharmacy	58	58	100
MPH PCEU	MPharm	Pharmaceutics	15	15	100
MPH QAT	MPharm	Quality Assurance Techniques	15	15	100
MPH PC	MPharm	Pharmaceutical Chemistry	5	5	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://metbhujbalknowledgecity.ac.in/MET%20DATA/IOP/NAAC/C2/2.7.1%20Student%20Satisfaction%20Survey%202019-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**3.1 – Resource Mobilization for Research**

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	AICTE	18.43	14.74
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Training and demonstration of Molecular docking and QSAR using Vlife Sciences software	Pharmaceutical Chemistry	22/08/2019
Coating operations and Excipients by Dr Nitesh Shah of Evonik Industries Ltd.	Pharmaceutics	28/08/2019
Pharmaceutical Product Development Scientist, by Mr. Sachin Kushare Glenmark Research Centre, Sinner.	Pharmaceutics	05/07/2020
Demo on High speed Mixer Granulator by Mr Aarif Sayyad Glenmark Pharmaceuticals	Pharmaceutics	02/01/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Green Treatment for Scaling of skin in METRX Plore an UG research Conference	Priyanka Goswami	METs Institute of Pharmacy, Nashik India	08/02/2020	Research
For e-Oral Presentation Development of multi Unit Aliginate system : Effect of additives on Indomethacine Release	Mayuri Shankar Salade	International conference organised by SMBT college of pharmacy, Dhamangaon India	08/02/2020	Research
2nd Runner up Prize in State	Deore Tushar Ravindra	Sir Dr. M. S. Gosavi	29/02/2020	Research

level Poster presentation Competition entitled Formulation and development of Bryophyllum Pinnatum to Treat Renal Calculi		Scientific Events-2020		
2nd Runner up Prize in State level Poster presentation Competition entitled Formulation and development of Bryophyllum Pinnatum to Treat Renal Calculi	Patel Rutvi Nitin	Sir Dr. M. S. Gosavi Scientific Events-2020	29/02/2020	Research
2nd Runner up Prize in State level Poster presentation Competition entitled Formulation and development of Bryophyllum Pinnatum to Treat Renal Calculi	A. D. Sonar	Sir Dr. M. S. Gosavi Scientific Events-2020	29/02/2020	Research
Green Treatment for Scaling of skin in METRX Plore an UG research Conference	Prachi Pramod Bendale	METs Institute of Pharmacy, Nashik India	08/02/2020	Research
Green Treatment for Scaling of skin in METRX Plore an UG research Conference	Tanvi Rajendra Boraste	METs Institute of Pharmacy, Nashik India	08/02/2020	Research
Green Treatment for Scaling of skin in METRX Plore an UG research Conference	Kaveri Shashikant Pawar	METs Institute of Pharmacy, Nashik India	08/02/2020	Research

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Pharmaceutical Chemistry	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Pharmaceutics	2	0.61
International	Pharmaceutical Chemistry	6	2.27
International	Pharmacology	Nil	00
International	Pharmacognosy	Nil	00
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Pharmacognosy	Nil
Department of Pharmacology	2
Department of Pharmaceutical Chemistry	8
Department of Pharmaceutics	2
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design, synthesis and antifungal evaluation of novel benzimidazole tertiary	Dr.Kankate Rani S.	Arabian Journal of Chemistry	2019	0	METS Institute of Pharmact	14

amine type of fluconazole analogues						
Identification of dual site inhibitors of tankyrase through virtual screening of protein-ligand interaction fingerprint (PLIF)-derived pharmacophore models, molecular dynamics, and ADMET studies	Dr. Santosh S. Chhajed	Structural chemistry	2019	0	METs Institute of Pharmact	9
Simultaneous estimation of dapaglifozin and saxagliptin in tablets using two chemometric-assisted UV-spectroscopic methods	Dr. Sandip S. Sonawane	Indian Drugs	2019	0	METs Institute of Pharmact	Nil
Neuro-AIDS: Current Status and Challenges to Antiretroviral Drug Therapy (ART) for Its Treatment	Mrs Smita P. Kakad	Current Drug Therapy	2020	0	METs Institute of Pharmact	Nil
Synthesis and characterization of	Dr. Mores hwar P. Patil	Indian Journal of Pharmaceutical Sciences	2019	0	METs Institute of Pharmact	Nil

mesoporous silica nanoparticles loaded with repaglinide for dissolution enhancement						
An Approach to select linear regression model in bioanalytical method validation	Dr.Sandip S. Sonawane	Journal of Analytical Science and Technology	2019	0	METs Institute of Pharmact	10
De-novo design and synthesis of conformationally restricted thiazolidine-2,4-dione analogues: highly selective PPAR- α agonist in search of anti-diabetic agent	Dr. Santosh S. Chhajed	Structural chemistry	2020	0	METs Institute of Pharmact	2
Synthesis and biological activity of structurally diverse phthalazine derivatives: A systematic review	Dr. Santosh S. Chhajed	Bioorganic and medicinal chemistry	2019	0	METs Institute of Pharmact	9
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
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De-novo design and synthesis of conformationally restricted thiazolidine-2,4-dione analogues: highly selective PPAR- α agonist in search of anti-diabetic agent	Dr. Santosh S. Chhajed	Structural chemistry	2020	10	2	METs Institute of Pharmact
Simultaneous estimation of dapaglifozin and saxagliptin in tablets using two chemometric-assisted UV-spectroscopic methods	Dr. Sandip S. Sonawane	Indian Drugs	2019	10	Nil	METs Institute of Pharmact
An Approach to select linear regression model in bioanalytical method validation	Dr. Sandip S. Sonawane	Journal of Analytical Science and Technology	2019	10	10	METs Institute of Pharmact
Synthesis and characterization of mesoporous silica nanoparticles loaded with repaglinide for dissolution enhancement	Dr. Mores hwar P. Patil	Indian Journal of Pharmaceutical Sciences	2019	8	Nil	METs Institute of Pharmact
Neuro-	Mrs	Current	2020	1	Nil	METs

AIDS: Current Status and Challenges to Antiretroviral Drug Therapy (ART) for Its Treatment	Smita P.Kakad	Drug Therapy				Institute of Pharmact
Identification of dual site inhibitors of tankyrase through virtual screening of protein-ligand interaction fingerprint (PLIF)-derived pharmacophore models, molecular dynamics, and ADMET studies	Dr. Santosh S. Chhajed	Structural chemistry	2019	10	6	METs Institute of Pharmact
Synthesis and biological activity of structurally diverse phthalazine derivatives: A systematic review	Dr. Santosh S. Chhajed	Bioorganic and medicinal chemistry	2019	10	9	METs Institute of Pharmact
Design, synthesis and antifungal evaluation of novel benzimidazole tertiary amine type of fluconazole	Dr.Kankate Rani S.	Arabian Journal of Chemistry	2019	5	14	METs Institute of Pharmact

analogues

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Resource persons	Nil	2	Nil	Nil
Attended/Seminars/Workshops	20	105	20	40
Presented papers	Nil	Nil	Nil	Nil

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Lord Ganesha Idol Collection	National Service Scheme unit / Savitribai Phule Pune University	5	20
Help to Flood Victims of Kolhapur and Sangali	Social Welfare Cell and METs Institute Of Pharmacy Nashik	20	5
Bare Feet Movement	Social Welfare Cell and METs Institute Of Pharmacy Nashik	5	100
Donation of Water Purifier at a Library in Town	Social Welfare Cell and METs Institute Of Pharmacy Nashik	2	10
MET ARPAN Lecture on the Occasion of Mahatma Gandhi Jayanti	Social Welfare Cell and METs Institute Of Pharmacy Nashik	20	120
Guest Lecture on Social Responsibility and Women Empowerment	Social Welfare Cell and METs Institute Of Pharmacy Nashik	20	250
Special Session on "Generic medicines Awareness	National Service Scheme Unit and Lakhalgaoon Grampanchayat	2	19
How to take care from Snake Bite by snake friend	National Service Scheme Unit and Lakhalgaoon Grampanchayat	2	19

Introduction of State "Odisha" with its culture and language	National Service Scheme Unit and Lakhalgaon Grampanchayat	2	19
Financial Management	National Service Scheme Unit and Lakhalgaon Grampanchayat	2	19
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Covid help : distribution of grocery	Recognition / appreciation	Vastyalya old orphanage home	2
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Student board development scheme	METs Institute Of Pharmacy and Savitribai Phule Pune University	Nirbhay Kanya Abhiyan	1	94
National Service Scheme	National Service Scheme unit / Savitribai Phule Pune University and Red Ribbon club	E-Learning HIV/AIDS Education Seminar	2	54
National Service Scheme	National Service Scheme unit / Savitribai Phule Pune University	Bharatiya sanvidhan Divas	4	53
National Service Scheme	National Service Scheme unit / Savitribai Phule Pune University	Lord Ganesha Idol Collection	5	20
Social Welfare Scheme	Social Welfare Cell and METs Institute Of Pharmacy Nashik	MET ARPAN Lecture on the Occasion of Mahatma Gandhi Jayanti	20	120

Social Welfare Scheme	Social Welfare Cell and METs Institute Of Pharmacy Nashik	Guest Lecture on Social Responsibility and Women Empowerment	20	250
National Service Scheme	National Service Scheme Unit and Lakhalgaon Grampanchayat	How to take care from Snake Bite by snake friend	2	19
National Service Scheme	National Service Scheme Unit and Lakhalgaon Grampanchayat	Introduction of State "Odisha" with its culture and language	2	19
National Service Scheme	National Service Scheme Unit and Lakhalgaon Grampanchayat	Financial Management	2	19
National Service Scheme	National Service Scheme Unit and Lakhalgaon Grampanchayat	Special Session on "Generic medicines Awareness	2	19
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Knowledge sharing	Varsha Burkul	METs Institute of Pharmacy, Nashik	180
Knowledge sharing	Varsha Sandhan, Hemant Raut, Pragati Gurav, NamrataWade, Divya Thite, Shubhangi Sukenkar	METs Institute of Pharmacy, Nashik	30
Collaborative research	Varsha Shankar Barkul	METs Institute of Pharmacy, Nashik	180
Knowledge sharing	Dr. santosh Chhajed	METs Institute of Pharmacy, Nashik	1
Industrial training	Mayur Kailash Ahire	METs Institute of Pharmacy, Nashik	30
Industrial training	Pallavi Amrutkar	METs Institute of Pharmacy, Nashik	30
Industrial training	Vishakha Dharma Dhivare	METs Institute of Pharmacy, Nashik	30
Industrial training	Dhoble Nikita Rameshwar	METs Institute of Pharmacy, Nashik	30
Industrial	Kirti Manoj	METs Institute of	30

training	Budukhale	Pharmacy, Nashik	
Industrial training	Sayli Somnath Dabe	METs Institute of Pharmacy, Nashik	30
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Pharmacy practice department for the conduct of Pharm D programs	MoU between District Hospital Nashik and METs Institute of Pharmacy, Nashik	District Hospital, Nashik, Contact details: 0253 2576106	03/03/2020	31/12/2020	0
Training	MoU between HCG Manavata Cancer Center, Nashik and METs Institute of Pharmacy, Nashik.	HCG Manavata Cancer Center, Nashik, Cotact details: 025 3-6661111, 91 9172211490	02/05/2020	31/12/2020	6
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Nucleus Health Care and Research Pvt. Ltd. Nashik METs Institute of Pharmacy, Bhujbal Knowledge City, Nashik	14/11/2019	Training and Placement	1
HCG Manavata Cancer Centre, Nashik METs Institute of Pharmacy, Bhujbal Knowledge City, Nashik	05/02/2020	Training	6
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1100000	600876

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Fully automated Student Information System (SIS) developed in house,	Fully	Version : 1.0.0891	2016
Educational ERP: (Old version)	Fully	-	2012
Online Public access catalogue [OPAC]	Fully	-	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6433	3148655	405	139778	6838	3288433
Reference Books	1682	2743154	52	162177	1734	2905331
e-Books	Nil	Nil	355	Nil	355	Nil
Journals	194	603624	21	57950	215	661574
e-Journals	1955	1233495	444	56404	2399	1289899
Digital Database	8	4800	8	1400	16	6200
CD & Video	62	Nil	41	Nil	103	Nil
Others (specify)	155	110900	Nil	Nil	155	110900
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Anjali B. Tajanpure	Human Anatomy and Physiology	Gnomio (Moddle)	19/06/2019
Smita P. Kakad	Physical Pharmaceutics	Gnomio (Moddle)	07/05/2019
Neelam Dashputre	Pharmacology_3	Gnomio (Moddle)	09/04/2019
Nilima Thombre	Sterile Products	Gnomio (Moddle)	27/06/2019
Deepak Bhambere	Cosmetics Science	Gnomio (Moddle)	19/06/2019
Rani Kankate	Pharmaceutical Organic Chemistry	Gnomio (Moddle)	06/06/2019
Dinesh Rishipathak	Medical Chemistry	Gnomio (Moddle)	28/06/2019
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	39	1	1	6	1	3	8	50	0
Added	0	0	0	0	0	0	0	0	0
Total	39	1	1	6	1	3	8	50	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Camera, Studio Shared, Head Phone, Audio Speakers, Computers	https://www.youtube.com/channel/UCR2MW1tbFYqXf41YDun26kg

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1100000	1003974	1200000	1073371

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Policy details of systems and procedures for maintaining and utilizing physical and academic support facilities. • The institution has a standard procedure for maintenance and optimal use of infrastructure. Utilization of

various facilities like Seminar Hall, Amphitheater, library, instrument room, Machine Room is through proper entry procedure. Major locations are equipped with CCTV CAMERA services for tracking the performance histories. • Separate budget heads are allocated to repair maintenance and utilization of physical and academic support facilities. • There is a centralized civil and maintenance department to look after the entire infrastructure including all physical academic support facilities, services and equipment. • Laboratories utilization and maintenance is executed through systems like Lab manuals Standard operating procedures, Log Books for machine utilization, etc. All the laboratories are taken care by lab assistants and technical supervisors. • Maintenance and repair of facilities like equipment, plumbing, electrical repairs, infrastructure etc begins through maintenance requisition e-mail to civil and maintenance department. Based on the type of work the expert person is allotted from the department. Email compliant is signed by the respective mailing authority after the work completion, same is considered as work completion report which is being archived by the department under respective institute sections. • In case of certain Instruments and equipments repair is done through the respective experts at the defined charges. Some equipment and instruments are covered under Annual maintenance Contract (AMC). • There is central EDP department for maintenance of Computers and Electronic accessories. Institute has dedicated expert appointed by EDP department for preliminary handling of the problems and routine activities related to computers and electronic assets. In case of any associated major problem complain requisition mail is to be forwarded to the EDP department. The expert from the department attends to the complaint. • Housekeeping and Gardening is monitored and maintained on contract basis. Deesha Services, Nashik, handles the housekeeping responsibilities and Papaya Nursery, Nashik handles the gardening and landscaping responsibilities. • Institute assets like facilities, equipments, glass wares etc are audited by Central Audit Department on regular basis to generate the reconciliation reports.

<https://metbhujbalknowledgecity.ac.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	MET Scholarship	4	40000
Financial Support from Other Sources			
a) National	Samaj Kalyan Vibhag (OBC,SBC,NT/DTVJ,SC-166), Adivasi Vikas Bhavan (ST-16), Economically Backward Class (52), Punjabrao Deshmukh Vastigruha Nirvah Bhatta (3), Minority (5), ACITE (Stipend-23).	265	20441946
b) International	Nil	Nil	Nil

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
4. ICT/computing skills	24/06/2019	106	S.Y. B. Pharm Lecture series on computer applications
3. Life skills (Yoga, physical fitness, health and hygiene)-Yoga Day celebration	21/06/2019	105	NSS, SWC and Sports dept of MET's Institute of Pharmacy.
1. Soft skills	24/06/2019	56	In house MET Placement Cell
2. Language and communication skills	24/06/2019	100	Mr. Gaikwad sir, Assistant professor, MET's, IOM, Bhujbal knowledge city, Adgaon, Nashik-03., In house Language lab

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GPAT preparation	36	14	14	Nil
2019	Career Advancement (EDC)	116	61	Nil	Nil
2019	Civil services	21	15	Nil	Nil
2019	Placement cell activities	93	52	Nil	21

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Rubicon Reserch ltd, ICICI Prudential Life Insurance, Sanofi Synthelabo (India) Ltd	77	2	TCSL, MUMBAI, Wissen Knowledge Window, Shree Venkatesh Ltd, wellness Pharma, Cognizant, Lupin, Macleods, Teamlase, Amneal, V-Ensure	21	21
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	3	B. Pharmacy	Pharmacy	1. SIES College of Management studies, Mumbai. 2. IIPT, Mumbai. 3. Welingkar Institute	PGDBM
2020	8	B. Pharmacy	Pharmacy	1. IIHMR University, Jaipur. 2. Sandip University. 3. MET Institute of Management. 4. Dept of Management Science, Pune University. 5.	MBA
2020	18	B. Pharmacy	Pharmacy	1. NIPER Ahmedabad Opposite Air force Station. 1. NIPER, Ahmedabad 2. NMIMS, Mumbai. 3. NIPER, Hyderabad.	M. Pharmacy

4. BVPPoona
College of
Pharmacy,
Pune. 5.
NIPER,
Guvhati.6.
MET
Institute of
Pharmacy. 7.
NDMVP
College of
Pharmacy. 8.
NIPER
Raebareli.
9. Sandip

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	15
CAT	Nil
Any Other	19

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Library Activities	Institute	83
Sports Week	Institute	146
Antarang 19	Institute	60
METUTSAV 2020	Campus	25

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Winner of 58th National pharma week organised by IPA	National	1	Nil	N03011900063	Ms.Pratiksha Nikam
2020	Winner of 58th National pharma week organised	National	Nil	1	N03011600030,N0301160008,N03011600058	Ms Tejaswini Bothara, Tejaswini Tadge, Mayuri

	by IPA					Agrawal,
2020	Winner of 58th National pharma week organised by IPA	National	Nil	1	N0301180 0049	Ms Maheshwari Dilip Vyavhare
2020	Winner of 58th National pharma week organised by IPA	National	Nil	1	N0303180 0016	Rucha Dadake
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student council: MET's, Institute of Pharmacy, Bhujbal Knowledge City as per the provisions of section 99 (3) of the Maharashtra Public Universities Act 2016 has constituted a Student council and student representatives are appointed to carry support from various academic and administrative activities under various institute level committees. The President and Secretary of the Students' Council are members of the College Development Committee which works with one of the major objectives as to prepare an overall comprehensive development plan of the College, regarding academic, administrative, and infrastructural growth, and enable College to foster excellence in curricular, co-curricular and extra-curricular activities. Internal Quality Assurance Committee (IQAC) works to ensure an effective teaching-learning process with the application of effective teaching methodology for inculcation and monitorization of research activities in collaboration with renowned research institutes and industry. The Alumni Association, MET Alconnect contributes significantly to the development of the institution since 2013 for boosting various personality development programs and instilling professionalism among young pharmacists of the Institute. As per the Sexual Harassment of Women at Workplace (Prevention, Harassment, and Redressal) Act 2013, Internal Complaints Committee constituted at the Institute level to ensure an organizational climate that is free from caste and gender discrimination and harassment with a particular focus on sexual harassment of the members of faculty and students of the Institute Girls Student Council conduct seminar, workshop to impart knowledge of opportunities and tools available and train the women. It advises and supports any girl student if faced with any gender-specific problem. It promotes awareness amongst girl students on occupational, legal, and constitutional rights. Magazine Committee creates an opportunity for the students to enhance and improve their intuitive creative skills. The institute magazine is the cradle of future writers The Indian Pharmaceutical Association (IPA) through National Pharmacy Week provided a good platform for extracurricular and co-curricular development among inter-college competitions to build confidence in students. It also helps to build the Institute-Industry Interaction chain. Social Welfare Cell represents both students and staff members of the institute who provides a financial contribution every month and that is utilized for different social activities to serve the societal need. Antarang cell contributes to the development of students in extracurricular and co-curricular aspects to uplift the student's confidence in all perspectives by conducting sports, dance, singing, drawing, etc. MET Utsav at campus level event gives opportunities and motivates the students for the development of

their technical, non-technical, and social aspects skill developments by participating in various workshops, sports, cultural events, and seminars, etc. The student development board works for the protection of rights and directs various Development activities of the university students and each affiliated college. It also helps the students through various activities for the development of better corporate life. It motivates the students to get nurtured mentally, physically, socially with cultural growth through various activities to improve their all-around personality development and prepare them socio-technically sound civilized Indian citizens.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

MET's Institute of pharmacy Nasik, has registered alumni association (10/01/2017-Reg. No. 0079988) which takes active participation in overall development of college. It also works to bridge the gap between alumni and budding pharmacists. Alumni association meeting held at least twice in the year. Till date we have received 43 book volumes costing around 13,000/-. Alumni also contributed for placement of students. 12 students from B. Pharm as well as M. Pharm have been placed due to the assistance from alumni. We have also received 2.5 lacks from alumni in terms of fees. An alumnus also takes initiation and organizes lectures for students on different subjects ranging from industrial working, personality development, competitive exam preparations, interview preparations etc. On each of 25th September which is World Pharmacist Day, Alumni association appreciates pharmacist for their contribution towards the society.

5.4.2 – No. of enrolled Alumni:

543

5.4.3 – Alumni contribution during the year (in Rupees) :

325800

5.4.4 – Meetings/activities organized by Alumni Association :

1.Lecture on MS preparation by Manasi Hembade. 2.World Pharmacist Day Celebration. 3. Lecture on validation by Mr. Prashant Aher. 4.Lecture on Animal handling and Precautions by Mr. Pranit Mandlik. 5.Lecture on GPAT preparation by Mr. Rais Pathan.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Apart from the Governing Body (GB), College Development Committee (CDC) and Institute Quality Assurance Cell (IQAC), we have adopted decentralization and participative management in the institute. Institute Research Review Committee (IRRC): This committee has objectives to inculcate research aptitude in UG PG students, collaboration with renowned research institutes and submission of proposals to various funding agencies for financial help. Further, the committee motivates and monitors the publication activities of faculty members. To fulfill the above objectives, every year the IRRC organizes METRxPLORE (UG Research Conference). The research proposals of the PG students are reviewed by the Industrial Advisory Committee (IAC) and the suggestions given by the committee members are implemented by the guide and student. During regular meetings, the committee discusses various opportunities for financial help and

then gives the responsibility to the identified faculty member with technical guidance. As a result of this activity, the institute has received the AICTE MODROBS grant of Rs. 18.44 Lakhs. The faculty members have published number of research and review articles and ... number of books in 2019-20. Recruitment of faculty: The Head of concern department gives the faculty requisition to the Principal. It is forwarded to Trust for approval. After approval from the Trust, the interview of short-listed candidates is conducted by the Principal, HR and head of department. Further, a demo lecture by the candidates is given before the HOD and departmental senior faculty. The remarks noted by Principal, HR, HOD and senior faculty regarding interview are forwarded to the Trust for the approval and the candidate is appointed. Apart from above-mentioned activities, the faculty members are involved in various committees. These include, Industrial Advisory Committee (IAC), Course Monitoring Committee (CMC), Examination committee, Library Advisory Committee, Internal Complaint Committee. Along with this decentralization practice, the institute also constitutes some temporary committees during the conference, seminar, and workshop for smooth functioning of the event. The appointed coordinator and the committee members are responsible for the smooth conduct of the event.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The Institute is affiliated to Savitribai Phule Pune University and adopts the curriculum prescribed by the university. Faculty members form the institute forward suggestions based on current needs regarding the changes in the curriculum through respective board of studies to the university authorities at the time of periodic revisions of the curriculum. At Institute level every teacher from respective department discusses the curriculum in a meeting and identifies the gaps if any and lists the content to be covered to fulfil the gaps also content beyond the syllabus to be covered during the teaching learning process.
Teaching and Learning	For Effective teaching and lifelong learning The pedagogy adopted by faculty members consisted of advanced planning of teaching for respective subjects, before commencement of semester, faculty members prepare lecture wise teaching plans, academic lesson plans for allotted subjects, the execution of teaching is done by preparing course files for each subject which consists of university syllabus copy, academic plan, lesson plan, notes, model answers etc. ICT Tools,

	<p>Molecular /anatomical models etc. are also used by faculty members to facilitate the learning. Additionally for lateral entry students, extra lectures and practicals are conducted to cover their syllabus.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>To cater need of students and faculty, library has huge collection of resources from reputed publishers. Online resources like, DELNET, British Council Library and OPAC are also available. The ICT tools like LCD projectors Smart class rooms Computer aided Drug Design, Vlife MDS software Pharmacology software and Google class room are effectively used. The institution has standard procedure for maintenance and optimal use of infrastructure. Separate budget heads allocated to repair maintenance. Centralized civil and maintenance department looks after entire infrastructure. Laboratories utilization and maintenance is executed through SOP's, Log Books. Institute assets are audited by Central Audit Department.</p>
<p>Research and Development</p>	<p>The vision behind R D activities is to become institute of excellence. With this vision, the institute is working with the objective to improve R D activities in all areas of pharmaceutical sciences. Accomplishment of objectives can be done by receipt of funding, availability of instrument and equipment infrastructure and competent staff. Faculties are encouraged to write and submit research proposals to various agencies. Conferences are organized for UG and PG students. UG students are motivated to complete project, PG projects are reviewed by industrial experts, MoUs are signed with industries. SEED grant is provided to young faculties</p>
<p>Industry Interaction / Collaboration</p>	<p>Guidance sessions were conducted by industry persons by training and placement department to enhance employability skills and personality development of students. They focused on various topics like soft skill development, interview techniques, resume writing, industry expectations from freshers, etc. In-campus and online interviews were conducted for B.Pharm and M.Pharm student's recruitment by Sanofi-Synthelabo</p>

(India) Private Ltd, Goa, Rubicon Pvt. Ltd, Mumbai and ICICI Prudential Life Insurance, Mumbai. MoU with Chaitanya Pharmaceuticals Pvt. Ltd, Nashik were signed by Mr. Pushkar Pathak, Managing Director on 11/02/2020 after campus visit for analysis of ayurvedic and herbal medicines in the institute.

Human Resource Management

The campus has centralized human resource management system. For smooth functioning of the organization. For this purpose, department has published HR hand book which includes rules and regulation related to discipline, recruitment, appraisals, leaves, EPF, gratuity, health policies. Ever year appraisal is executed by HR department along with Principal of respective institute and Head of Department. The recruitment of new staff is totally based on the personal interview and the demo lecture before the expert panel. Every year Mediclaim and term insurance are provided to each staff. Further, every month tea coupons are provided.

Admission of Students

To fulfil 100 seats for all courses run by institute, admission counselling cell is established consisting of teaching and non- teaching staff who guide aspiring candidates regarding the online centralised admission process, the future scope of the courses, placement opportunities offered by Institute. The infrastructural facilities are also shown to the candidates and parents including canteen and hostel facilities. They also made aware of various government and privates schemes for Scholarships and financial assistance also about the mentoring and book bank system. The recent achievements by the institute, faculty members and students are well displayed on notice boards.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>ERP system is available for students and faculty members. Faculty members can take and monitor online attendance, upload the e-materials for students, view the list of students, their fee status, fill and update their personal profile, etc. Students can view their fee status, attendance, access and download e-materials uploaded by respective subject teachers.</p>

Administration	The ERP system is used by the administrative department to maintain the database of students with respect to admission like state merit number, type of admission, percentage at 12th and undergraduate level for future use.
Finance and Accounts	The ERP system along with Tally is used in the account department. All the financial transactions are carried and monitored through the Tally system.
Student Admission and Support	Student admission database is maintained in ERP by the office department. All necessary data with respect to the admission like previous academic credentials, type of admission, marks scored in entrance examinations are maintained in the ERP. Stipend data can also be maintained in the ERP and the same can be reproduced whenever required.
Examination	Savitribai Phule Pune University has a dedicated examination portal which can be used by the examination department of each institute. The portal has the provision to enter internal as well as external examination marks.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Dr. P. B. Udavant	One Day Workshop on NAAC peer team visit Preperation	Nill	1423
2019	Dr. G. S. Deokar	International Conference on Emerging trends in delivery of phytoconstituent's ethanopharmacology - validation of traditional medicine - II	Nill	3085
2019	Mrs. S. P. Kakad	Two days national conference on Current trends and novel	Nill	940

		techniques in pharmaceutical research and development (SNJB Pharmacon 2019)		
2019	Mr. S. D. Patil	PHARMACON 2019 at SNJB College of Pharmacy, Chandwad	Nil	480
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	METiCON 2019, International Conference on Innovations in Pharmaceutical Technologies	Nil	15/02/2019	16/02/2019	6	Nil
2019	Guest Lecture on Protein Simulation and System Biology	Nil	23/03/2019	23/03/2019	5	Nil
2020	Webinar on Flash chromatography and revolutionary benchtop NMR, MASS spectrometer	Nil	09/05/2020	10/05/2020	2	Nil
2020	Webinar on Research avenues in Pharmacognosy and Phytochemistry	Nil	03/06/2020	07/06/2020	5	Nil
2020	National	Nil			3	Nil

Level online FDP on Virtual Practical Training	28/07/2020	31/07/2020		
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Program on Virtual Practical Training''	1	30/07/2020	30/07/2020	1
Transforming Teaching Learning Process Through Modern Pedagogical Techniques	1	10/01/2020	08/03/2020	56
Redefining the Role of Educator in Covid-19 Outbreak Era	1	11/05/2020	16/07/2020	6
Building Research and Innovation Culture among Pharmacy Teachers	1	18/05/2020	22/05/2020	5
Awareness On Covid-19	1	11/05/2020	12/05/2020	2
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
25	25	32	32

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Group insurance: Health policies (Group mediclaim Policy, Group Personal Accident Policy, Group family policy)	1. Group insurance: Health policies (Group mediclaim Policy, Group Personal Accident Policy, Group family policy)	--

provided to staff members. (Amount decided as per the policy of HR).
 2. Zero percent interest loan is given of Rs. 20000 is given to faculty member once in three year for medical and educational expenses. The loan is recovered from the faculty in twelve EMI. 3. Financial assistance is provided to attend the conference, seminar and workshop or toward membership of professional bodies. Approved faculty member get assistance of Rs. 5000 while non approved member get Rs. 3000 in a year. 4. Every member receives tea coupons (50 numbers) per month. These coupons redeemed at canteen against tea and snacks.

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 2. Zero percent interest loan is given of Rs. 20000 is given to faculty member once in three year for medical and educational expenses. The loan is recovered from the faculty in twelve EMI. 3. Financial assistance is provided to attend the conference, seminar and workshop or toward membership of professional bodies. Approved faculty member get assistance of Rs. 5000 while non approved member get Rs. 3000 in a year. 4. Every member receives tea coupons (50 numbers) per month. These coupons redeemed at canteen against tea and snacks.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The audit process is conducted by the centralized internal audit department in following manner: • Expenses incurred by the Institute and certified by the Principal and internal audit department. • Preparation and finalization of financial report by financial team of the Institute. • Presentation to respected Management for approval. • Forwarding to external Chartered accountant for final audit. • Final audited report used for various statutory bodies. External audit: - Financial External audit is conducted by qualified auditor C.A. Mukesh Mehta, Partner of N.G.JAIN CO. chartered accountant every financial year to verify the compliance of External Audit report, The same was unanimously adopts and accepted and it was decided that the same may be submitted to Fees regulating authority Other Statutory Body with necessary compliance. Internal Audit Internal audit is done by our administrative audit department appointed by management. Internal audit is done quarterly basis for books of accounts and daily routine transactions, bills, vouchers, etc. Audit is done regularly. List of audit for major heads

1. Petty cash: Cash received from students as per ERP and amount entry to be checking in Talley also. Deposite in bank as well checking negative balance in cash, if any.
2. Bank with RC: Verification of reconciliation of bank statement with books of accounts.
3. Purchase and Journal Register: Checking invoice for journal passed register (invoice no., date, party name, delivery chalan, purchase order, expense head, utilized location and if fixed assessts or consumables).
4. Student fees and other fees: Fees structure, receipt with ERP report checking.
5. Scholarship claim: Scholarship claim to government with student details given, scholarship claim received from government, scholarship claim received details entry in ERP software, etc.
6. Receivable and refundable fees: from government, university, student.
7. Library Audit: Books, physical verifications as per accession, accession register verification as per bills

delivery chalans, student issue books as per registrer and card. 8.Laboratory Audits: Lab consumables and fixed assesst register, consumable materials, physical vreification. 9. Store Audit: Opening, closing, physical stock verification with chemical, glassware. 10. Salary Audit: Biometric (thumb) punching, ERP report checking its working hours and in and out time and late mark, OD details of staff, if any. Calculation of salary days, entry in ERP by HR department, calculation of PF and PT as per gross salary.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Deltas Pharma PVT Ltd	10786	Project work/consultancy
View File		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	Course Monitoring Committee
Administrative	No	Null	No	Null

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Syllabus orientation was conducted for F. Y. B. Pharm. students Parent meeting was conducted to provide information about online teaching-learning process.

6.5.3 – Development programmes for support staff (at least three)

Training programme was organized for supporting staff on Standard Operating Procedure (SOP). Vachan Prerana Din was organized by Library department for their staff and students on the occasion of birth anniversary of Dr. A. P. J. Abdul Kalam.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

Online FDP and webinars were organized. Faculty members had attended online certificate courses FDP and webinars. Virtual practical training programme was organized. New course has been introduced.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
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2020	Webinar on New Career Opportunities in Pharmacovigilance, Clinical Research and Medical Coding	19/07/2020	19/07/2020	19/07/2020	596
2020	Opportunities in Pharmaceutical Industries in context with COVID-19'	24/07/2020	24/07/2020	24/07/2020	1029
2020	Four Days National level online faculty development program on the topic "Virtual Practical Training	28/07/2020	28/07/2020	31/07/2020	1200
2020	Webinar on 'How to become a successful entrepreneur?'	09/09/2020	09/09/2020	09/09/2020	254
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Social Responsibility and Women Safety	22/08/2019	22/08/2019	108	75
Organ Donation and Dibetic foot	09/08/2019	09/08/2019	78	32
Earn and Learn Scheme	07/08/2019	10/03/2020	10	7
Session on Meditation and its importance	17/01/2020	17/01/2020	94	5

Workshop on Self defense and martial art training	17/01/2020	17/01/2020	94	5
Session on Womens rights- its legal aspects	17/01/2020	17/01/2020	94	5

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>The Institute has Alternate Energy resource as Solar Energy System fitted on the roof top of the Institute and Hostel Buildings. Efforts are taken to save and conserve energy for the optimum utilization as a result of which LED bulb fittings have been preferred over conventional lightings, Use of Lift / Escalators is restricted, Conscious efforts are taken by Students and staff members to save energy and switch off the lights and Fans after their use.</p> <p>Power requirement met by renewable energy sources- 10 KW H Total power requirement - 141.89 KW H Renewable energy source- SOLAR Renewable energy generated and used- 10 KW H Energy supplied to the grid- NIL Percentage of lighting power requirements met through LED bulbs Total Lighting requirements- 14.46 KW H Percentage Lighting through LED bulbs- 16.87 Percentage Lighting through other sources- 83.13</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	400
Ramp/Rails	Yes	5
Rest Rooms	Yes	40
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nil	1	15/07/2019	1	Donation of Water Purifier to a Public Library	Need of Pure Drinking Water	25
2019	Nil	1	15/08/2019	1	Financial Assistance to the Flood	Vulnerability due to natural disaster	25

					Victims of Kolhapur and Sangali through CMRF		
2019	Nil	1	07/11/2019	1	Celebration of Diwali at Old age and Orphanage Home	Help to Underprivileged Peoples	50
2020	1	Nil	10/04/2020	45	Arrangement of Quarantine Center in Hostel Premises	Public Health	Nil
2019	1	Nil	12/09/2019	1	Collection of Lord Ganeha Idol Collection on the banks of Godavari River on the occasion of Ganesh Chaturdashi	Pollution	25
2019	1	Nil	15/10/2019	1	Bare Feet Movement: Distribution of footwares	Help to Underprivileged Persons	50
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct Handbook for Staff	14/08/2019	Code of Conduct Handbook for staff has been published on website. The link for same is https://metbhujba1knowledgecity.ac.in/MET20DATA/HR20Hand20Book.pdf
Code of Conduct for Students	24/07/2019	The code of conduct for student was published on website and also informed

the students during induction program. The website for same is <https://metbhujbalknowledgecity.ac.in/pharmacy/codeofconduct.php>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day 2019	15/08/2019	15/08/2019	300
Guest Lecture on Social Responsibility	22/08/2019	22/08/2019	240
Organ Donation Awareness Flashmob	15/10/2019	15/10/2019	50
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Restricted Entry to Automobiles in the Campus Green Landscaping and Tree plantation Ban on the Use of Plastics in the Campus Effective Waste Management System in the Campus Water Conservation through various approaches like Sewage Treatment Plant, Rain Water Harvesting, etc

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

7.2.1 Best Practices Best Practice_ METRxPLORE (Undergraduate Research Conference) 1. Title of the Practice: METRxPLORE (Undergraduate Research Conference) 2. Objectives of the Practice: 1. To inculcate the research sense in the mind set of the undergraduate students. 2. To make available a platform for students, where they can showcase their innovations, share their ideas and learn to develop an idea in to an innovation. 3. To encourage the undergraduate students for research activity. 4. To promote the students for higher studies and 5. To appreciate the Student, Supervisor/guide and the Institution. 3. The Context: It was observed that most of the undergraduate pharmacy students opt to take higher education where they are required to undertake research activities, however there is a limited (if any) exposure to the research activities in B. Pharmacy curriculum. There is a need of motivation towards research activities at undergraduate level and to address this issue, it was decided to organize the conference and develop a platform where Undergraduate students can explore their innovations and ideas. 4. The Practice: The Institutional Research and Review Committee organize this competition annually and invite the students from the institute as well as from various other institutes from the state to participate and present their research work in the conference organized at the Institute. Theme of this conference is Think-Execute-Find-Learn Key features: • Undergraduate students are informed about the conference and the consent for the participation are invited at the beginning of the academic year • The conference is organized in the month of January/February • Approximately 06 months time duration is available for students to carryout research activity at their organization. • Winner student, his/her supervisor and the Institute are appreciated. 5. Evidence of Success: Patents, Publications, Increased rate of Higher Education and Reasearch amongst UG students College has succesfully filed two patents and published several publications for UG projects. Increased rate of enrollment to higher studies with enrollment in leading institutes like NIPER, UICT Promotion of research at

UG level Increasing Participation from SPPU, NMU, BATU, RSTMU, MU and regions of Mumbai, Nagpur, Aurangabad, Ratnagiri, Jalgaon, A. Nagar

6. Problems Encountered and Resources Required: 1. Funding: To initiate such activities, fund is required especially for an arrangements of experts from industries, their honorarium, arrangements of conference etc. 2. Approach of Undergraduate Institutes for research work: Some of the undergraduate institutes are still working on the conventional mode of teaching and are not motivating students for research. 3. Resources required for conducting research: Most of the colleges have basic facilities required to carry out academic research and should offer basic facilities and motivate students for research. Best Practice

II _ Industrial Advisory Committee

1. Title of the Practice: Industrial Advisory Committee

2. Objectives of the Practice: 1. To determine the need for the new recent technology or modification of existing curriculum at institute level 2. To develop industry-institution relations and provide two-way communication between institute and industrial community 3. To establish or validate performance based or industry expected technologically sound graduates 4. To shape academic curriculum and practical outcomes so that alignment will exist as per industry requirement

3. The Context: There has been a constant argument that the Curriculum prescribed by the universities and the Knowledge exhibited in books and the current practices of the real world differs widely and Industries are required to train the graduates for the use of current techniques and trends of research and development. There has always been a complaint that there is a huge gap between academics and Industry and so has been a demand to bridge this gap.

4. The Practice: 1. With the visionary of the Leaders of the institute, MET IOP constituted Industrial Advisory Committee in Academic year 2015-16 with the representation of the experts from various leading Pharmaceutical Industries. 2. The experts from Industries who specialize in various aspects of Drug Discovery and Development are key persons and think tanks of the institute and can be a huge source of information and inputs for students as well as staff members of the Institute. 3. All of the research projects along with the Dissertation proposals of the Post graduate students are scrutinized by the IAC members and valuable inputs are provided by the committee members. Key features: 1. IAC can provide work suggestions and recommendations that help institutions in developing their study programs. 2. Encourage industries and institutes to participate in trainings, educational programs and research. 3. IAC can advise institution in the restructuring of education, including integrating academic and work-based learning. 5. Evidence of Success: Presence of Experts from Leading Pharmaceutical Industries have paid off heavily in the development of the Institute as evident from MOUs activities like

6. Problems Encountered and Resources Required: 1. Funding: To initiate such activities, fund is required especially for an arrangements of experts from industries, their honorarium, arrangements of conference etc. The trustees and management of the MET Bhujbal Knowledge City were ready to invest for such initiative. 2. Time Constraint: With evergrowing demands and busy schedule of the RD Experts time has always been a constraint for the IAC members, however all of the members take a meticulous effort to support this activity.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://metbhujbalknowledgecity.ac.in/pharmacy/bestpractices.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

7.3 Institutional Distinctiveness: Student Categorization (Career Prospective) Determination/focus is considered to be key to success. Keeping this aspect in

mind we have categorized students after making them aware about scope of pharmacy. Objectives of student categorization: • To elaborate scope of pharmacy to student from eminent personality. • To make crystal clear the focus or determination of career of student at early stage. • To provide selective guidance session to the categorized student. • To encourage student for start preparation at early stage with respect to career. Process for student categorization: • To arrange induction programme for first year B.Pharm for creating awareness of pharma field. • To conduct orientation programme for second year B. Pharm • To collect feedback from parents and students after fifteen days of orientation programme. • To categorize student of second year B.Pharm in different categories like: Job/Business/M.Pharm. /MBA /Education at abroad /Civil services. • To compile the student of all years in different category. • To organize the different activities like: lecture /camp/competition for each category student separately. Evidence of Success Placements: Training and Placement section of the institute keeps on organizing Grooming sessions, Practice sessions/Mock interview, Guidance from Experts, sessions on Personality development as a result of which significant proportion of the students have secured jobs in leading Pharmaceutical companies. GPAT Results: MET'S Institute of Pharmacy ensures dedicated guidance and mock tests for the GPAT Aspirants as a result of which student performance has been consistently touching high horizons of performance. Aditya Darade AIR 01 Archana Kapase AIR 03 Study in Abroad: Many students have got admission to reputed universities across the globe for their higher studies EDC: Institute has motivated some of the graduates to become an Entrepreneur and as a result of which we could contribute in the creation of employment. Civil Examination: Civil Service Cell keeps motivating and training students. Some of the students could crack these exams and have secured a job in Government sector.

Provide the weblink of the institution

<http://metbhujbalknowledgecity.ac.in/pharmacy/instd.php>

8.Future Plans of Actions for Next Academic Year

Future Plans for the next academic year 1. To start new program Pharm D 2. To propose for new diploma/certificate courses 3. To promote collaborative research 4. To apply for research grants from government funding agencies 5. To strengthen the extension and outreach activities of the institute 6. To conduct professional development programmes for staff members