

Mandatory Disclosures

1. Name of the Institution:

- **Name of the Institution :** Sant Dnyaneshwar Shikshan Sanstha's, Annasaheb Dange College of D Pharmacy, Ashta.
- **Address :** Near Old Air Port, A/P- Ashta, Tal – Walwa, Dist – Sangli. State: Maharashtra. Pin Code: 416301
- **Phone No. :** 02342 – 241125, **Mobile No:** 9158008167
- **E-Mail ID :** principaladcdp@gmail.com

2. Name and Address of the Trust / Society / Company and the Trustees

- **Name of the Society :** Sant Dnyaneshwar Shikshan Sanstha
- **Address of the Society :** "Madhav" Niwas, Kachare Galli, A/ P- Islampur, Tal – Walwa, Dist – Sangli, State: Maharashtra. Pin Code: 416409
- **Telephone :** 02342 – 241105
- **Email ID :** info@santdnyaneshwar.org
- **Name of the Trustee :**

Details of the Trustee		
Sr. No.	Name of Trustee	Designation
01	Hon. Shri. Ramchandra Dange	President
02	Hon. Shri. Sampatrao Patil	Vice - President
03	Hon. Shri. Rajendra Dange	Secretary
04	Shri. Vitthalrao Musai	Member
05	Shri. Vishwanath Dange	Member
06	Shri. Sukumar Lavate	Member
07	Shri. Sattu Dhole	Member

3. Name and Address of the Principal

- **Name of the Principal :** Mr. Sujit Arun Desai
- **Address :** At/Post - Kavathe-Piran, Tal – Miraj, Dist – Sangli. Pincode: 416417.
- **Phone No. :** 02342 – 241124. **Mobile No:**9673013737
- **Email ID :** sujitdesai37@gmail.com

4. Name of the Affiliating University / Board

- **Name of the University :** Maharashtra State Board of Technical Education, Mumbai
- **Address :** 2nd Floor, Govt. Polytechnic Building, 49, Kherwadi Rd, Kherwadi, Mumbai, Maharashtra 400051
- **Contact No. :** 022 - 2647 8531

5. Governance

▪ Members of the Board and their brief background

- The institution has active academic advisory body. The members of the body are –

Sr. No	Name of Authority	Designation	Current Position
1	Hon. Shri. Ramchandra Alias Annasaheb Dange.	Chairman	President Sant Dnyaneshwar Shikshan Sanstha's Islampur.
2	Hon. Adv. Rajendra R Dange	Vice Chairman	Secretary Sant Dnyaneshwar Shikshan Sanstha's Islampur.
3	Prof. Rafiq A Kanai	Member	Executive Director Sant Dnyaneshwar Shikshan Sanstha's Islampur.
4	AICTE Nominee	Ex. Officio Member	Ex. Officio Regional Officer AICTE, WRO, Mumbai
5	DTE/State Gov. Nominee	Ex. Officio Member	Ex. Officio Regional Officer, WRO, Mumbai
6	Deputy Secretary RBTE Nominee	Ex. Officio Member	Ex. Officio Regional Officer, RBTE, Pune
7	Dr. Harinath N More	Academician Member	Principal Bharati Vidyapeeth College of Pharmacy, Kolhapur
8	Mr. Shrenik A. Kole	Industrialist Member	Industrialist, Manager
9	Adv. Sampat T Patil.	Trust Representative Member	Vice-President Santh Dnyaneshwar Shikshan Santha's Islampur.
10	Prof. Shailendra B. Hivarekar	Academician Member	Registrar ADCET, Ashta
11	Dr. Ramchandra B. Jadhav	Member	Principal, Annasaheb Dange College of B Pharmacy, Ashta
12	Mr. Sujit A Desai	Member Secretary	Principal, Annasaheb Dange College of D Pharmacy, Ashta

▪ Members of Academic Advisory Body

- The institution has active academic advisory body. The members of the body are -

Academic Advisory Body		
Sr. No.	Name	Designation
01	Prof. Rafiq A. Kanai Executive Director, Sant Dnyaneshwar Shikshan Sanstha, Islampur	Head
02	Dr. Ramchandra B Jadhav. Principal, ADCBP	Member

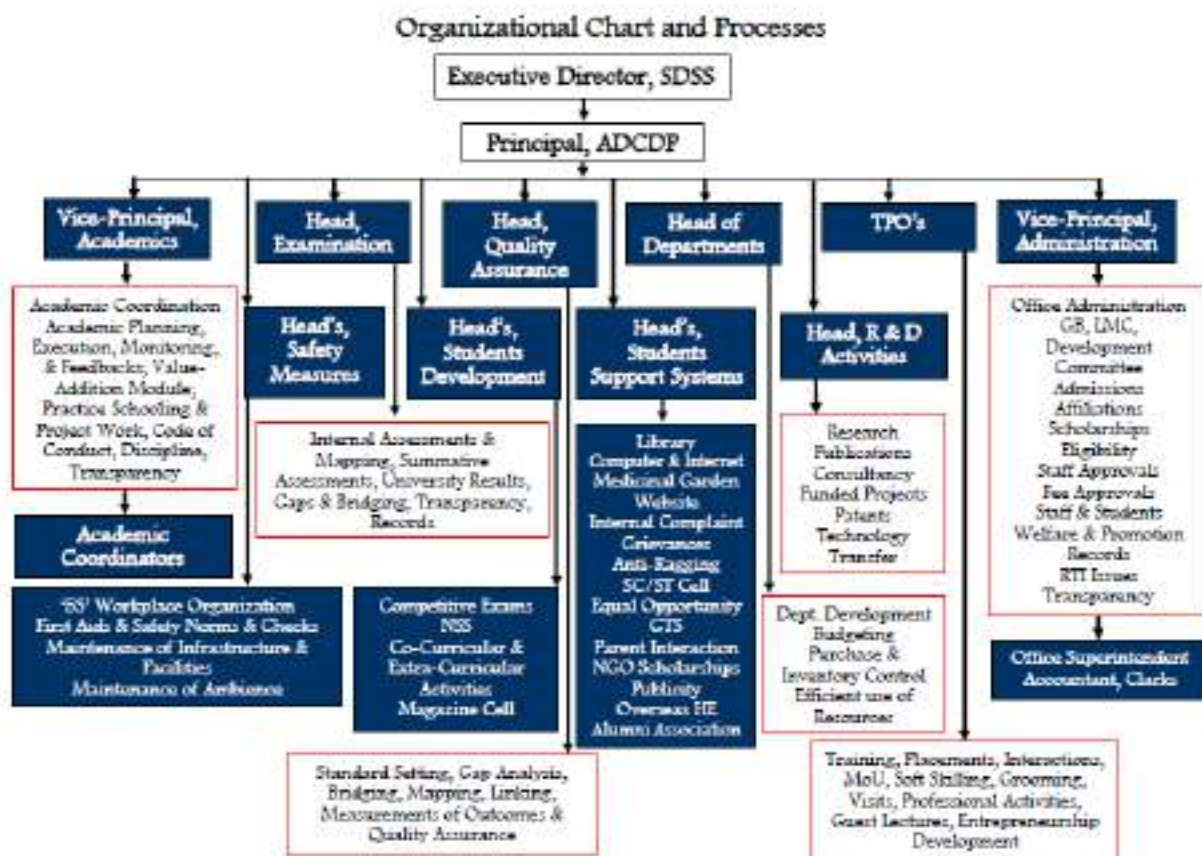
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03	Prof. Shailendra B. Hivarekar, Academician	Member
04	Prof. Santosh S. Mohite, Academician	Member
05	Prof. Rajesh S Jagtap, Academic Coordinator	Member
06	Mr. Sujit A Desai, Principal, ADCDP	Member - Secretary

▪ Frequency of the Board Meeting and Academic Advisory Body

Sr. No.	Name of Body	Frequency of the Board Meeting
01	Governing Body	02 / Year
02	Academic Advisory Body	02 / Year

▪ Organizational Chart and Processes



▪ Nature and Extent of involvement of Faculty and students in academic affairs/improvements

A) Faculty Members are involved in Academic Improvement by -

- i) Organizing & Re-organizing syllabus
- ii) Identifying gap between Curriculum & employment market needs

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- iii) Bridging gap by conducting additional activities (teaching, assessments Assignments, visits, interviews, competitions, seminar & conferences, Magazine, Co-curricular & Extra-curricular activities, Sports, Project work, Survey etc.
- iv) Planning Outcomes using Standards (PO's & Habit of Mind Frameworks)
- v) Designing & Mapping Assessments (Using Six Facets of Assessment)
- vi) Designing Assessment Rubrics
- vii) Designating & delivering Lectures (Using WHERETO approach)
- viii) Designing& conducting Active Learning
- ix) Assessing Self-Learning
- x) Offering constructive & positive Feedback

B) Students are involved in Academic Improvement by -

- i) Thinking critically & asking the questions
- ii) Respond positively on feedback given by the teacher on their performance
- iii) Giving feedback on teacher's performance
- iv) Giving feedback on infrastructure & facilities provided by the Institute
- v) Prepare 'Concept Maps' & 'Knowledge Organizers'
- vi) Students are open to grievances &/or suggestions for academic improvements.
- vii) Students are representing almost all committees & cells

▪ Mechanism/ Norms and Procedure for democratic/ good Governance

Norms	Procedures
Delegation of Powers of Principal to the faculty members	Powers are delegated to faculty members by creating more than 48 portfolios.
Clarity in objectives, outcomes, documentation etc. of all portfolios	For portfolios, written guidelines related with objectives, outcomes etc. are given to bring clarity & avoid interference.
Representation to teaching, non-teaching staff & students on the portfolios	Depending on nature of the portfolio, the representation of teaching, non-teaching staff & students have been given to improve their participation & offer opportunity for learning.
Policies of the major activities are fixed.	Policies for Governing Body, Delegation of financial powers, Budget Allocation & Utilization, Public Accounting, Recruitment, Service Rules, Staff & Students Welfare, Staff & Students Promotion, Safety & Security, GTS, Grievances, Pubic Information, Academic Goals Setting, Assessments, Teaching, R & D Activities, etc. are fixed.
Processes, Procedures & Mechanisms are evolved.	Processes, Procedures & Mechanisms of all activities are evolved for bringing transparency & effectiveness of resources.
Institutional leadership opted democratic processes in all kind of affairs.	Principal lead the team by putting his own example & explored distributed leadership.

▪ **Student Feedback on Institutional Governance/ Faculty performance**

1. Student's feedback on Faculty performance is conducted two times in Semester (after one month of commencement & prior to one month of conclusion of Semester) in online mode by the Principal.
2. Apart from parameters related to teaching-learning processes, each feedback provides space where students can write any issues.
3. After every feedback & as per norms, faculty member with under-performance will be issued a memo from the Principal for improvements on the issues raised by the students.
4. In subsequent feedback, previous memo of same faculty is review for any improvement or not along with any new issues raised by the students.
5. Students are also giving feedback on Infrastructure & Facilities as well as Institutional Governance.
6. Any issues raised in the feedbacks are urgently cleared. For this purpose, if any new material is required is procured &/or if any corrections in existing systems, processes are attempted or new systems, processes, & mechanisms required are immediately implemented.

▪ **Grievance Redressal mechanism for Faculty, staff and students**

- Institute has an online portal where any aggrieved applicant may submit an application seeking Redressal of grievance.
- On receipt of an online complaint, the institution refers the complaint to the appropriate Grievance Redressal Committee, along with its comments within 15 days of receipt of complaint on the online portal.
- The Grievance Redressal Committee, as the case may be, shall fix a date for hearing the complaint which shall be communicated to the institution and the aggrieved applicant.
- An aggrieved applicant may appear either in person or authorize a representative to present his/her case.
- Grievances not resolved by the Grievance Redressal Committee shall be referred to the Ombudsperson, within the time period provided.
- Institutions will extend co-operation to the Ombudsperson or the Grievance Redressal Committee, in early Redressal of grievances; and failure to do so may be reported by the Ombudsperson to the Council, which shall take action in accordance with the provisions of Regulations.
- The Ombudsperson shall, after giving reasonable opportunities of being heard to both parties, on the conclusion of proceedings, pass such order, with reasons therefore as may be deemed fit to redress the grievance and provide such relief as may be appropriate to the aggrieved applicant.

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- The institution, as well as the aggrieved student, shall be provided with copies of the order under the signature of the Ombudsperson, and the institution shall place it for general information on its website.
- The institution shall comply with the recommendations of the Ombudsperson; and the Ombudsperson shall report to the Council any failure on the part of the institution to comply with the recommendations.
- The Ombudsperson may recommend appropriate action against the complainant, where a complaint is found to be false or frivolous.

▪ Establishment of Anti Ragging Committee

- The institution has active Anti Ragging Committee and Anti Ragging Squad. The members are -

Anti-Ragging Committee				
Sr. No.	Name	Designation	Mobile No.	Email ID
01	Prof. R. A. Kanai	Head	9604000786	profrak@rediffmail.com
02	Prof. S. A. Desai	Member	9673013737	sujitdesai37@gmail.com
03	Mrs. J. A. Admuthe	Member	9595461008	admuthe.jyotiadcdp@gmail.com
04	Mr. P. I. Nargatti	Member	7709884468	nargatti.prakashadcdp@gmail.com
05	Ms. P.S. Patil	Member	9921578009	pravinpatil@gmail.com
06	Mrs. K. J. Chougule	Member	9834655034	komalchougule@gmail.com
07	Mr. S.D. Chougule	Member	9860870033	sdchougule@gmail.com
08	Mr. S. S. Patil	Member	8275550804	shivatejpatil@gmail.com
09	Mr. A. S. Shinde	Member	02342-243233	asshinde@gmail.com
10	Mr. S. L. Shiralkar	Member	9604254109	slshiralkar@gmail.com
11	Mr. S. N. Shingare	Member	9822088005	snshingare@gmail.com

Anti Ragging Squad				
Sr. No.	Name	Designation	Mobile No.	Email ID
01	Prof. S. A. Desai	Head	9673013737	sujitdesai37@gmail.com
02	Mrs. J. A. Admuthe	Member	9595461008	admuthe.jyotiadcdp@gmail.com
03	Mr. P. I. Nargatti	Member	7709884468	nargatti.prakashadcdp@gmail.com
04	Ms. P.S. Patil	Member	9921578009	pravinpatil@gmail.com

▪ **Establishment of Online Grievance Redressal Mechanism**

- Institute has established online Grievance Redressal Portal for the Students, Faculty, Non-Teaching Staff, Parents, Alumni, and Management etc. The link for the online portal is – <https://www.vmedulife.com/institute/e-grievance/home/adcbp-sangli>.
- **Online Grievance Redressal Mechanism**
 - Institute has an online portal where any aggrieved applicant may submit an application seeking Redressal of grievance.
 - On receipt of an online complaint, the institution refers the complaint to the appropriate Grievance Redressal Committee, along with its comments within 15 days of receipt of complaint on the online portal.
 - The Grievance Redressal Committee, as the case may be, shall fix a date for hearing the complaint which shall be communicated to the institution and the aggrieved applicant.
 - An aggrieved applicant may appear either in person or authorize a representative to present his/her case.
 - Grievances not resolved by the Grievance Redressal Committee shall be referred to the Ombudsperson, within the time period provided.
 - Institutions will extend co-operation to the Ombudsperson or the Grievance Redressal Committee, in early Redressal of grievances; and failure to do so may be reported by the Ombudsperson to the Council, which shall take action in accordance with the provisions of Regulations.
 - The Ombudsperson shall, after giving reasonable opportunities of being heard to both parties, on the conclusion of proceedings, pass such order, with reasons therefore as may be deemed fit to redress the grievance and provide such relief as may be appropriate to the aggrieved applicant.
 - The institution, as well as the aggrieved student, shall be provided with copies of the order under the signature of the Ombudsperson, and the institution shall place it for general information on its website.
 - The institution shall comply with the recommendations of the Ombudsperson; and the Ombudsperson shall report to the Council any failure on the part of the institution to comply with the recommendations.
 - The Ombudsperson may recommend appropriate action against the complainant, where a complaint is found to be false or frivolous.

▪ **Establishment of Grievance Redressal Committee in the Institution and Appointment of Ombudsman by the University**

- The institution has active Grievance Redressal Committee. The members are -

Grievance Redressal Committee			
Sr. No.	Name	Designation	Mobile No.
01	Prof. S. A. Desai	Head	9673013737
02	Miss. S. T. Jadhav	Co-coordinator	9595461008
03	Mr. P. I. Nargatti	Member	7709884468
04	Mr. Y. D. Dange	Member	9834524848
05	Mr. P. S. Patil	Member	9921578009

▪ **Establishment of Internal Complaint Committee (ICC)**

- The institution has active Internal Complaint Committee (ICC). The members are -

Internal Complaint Committee (ICC)		
Sr. No.	Name	Designation
01	Mrs. J. A. Admuthe	Chairman
02	Prof. S.A. Desai	Member
03	Mr. P.I. Nargatti	Member
04	Miss. R.S. Dhole	Member
05	Mrs. S. U. Gaikwad	Member
06	Mr. P. R. Deshinghe	Member
07	Miss. P.M. Dhangar	Member
08	Mr. S. S. Chougule	Member
09	Mrs. V.S. Bandal	Member
10	Mrs. P.V. Kachare	Member

▪ **Establishment of Committee for SC/ST**

- The institution has active Committee for SC/ST. The members are -

Committee for SC/ST			
Sr. No.	Name	Designation	Mobile No.
01	Prof. S. A. Desai	Head	9673013737
02	Prof. R. S. Dhole	Coordinator	9834524848

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03	Prof. Y. D. Dange	Member	8999798487
04	Mr. Shubham Bhoje	Member	9307541121
05	Miss. Swati S. Surve	Member	7559474469
06	Mr. Prathmesh S. Vhankatte	Member	9307915052
07	Miss. Manasvi S. Suryawanshi	Member	8856813316

Internal Quality Assurance Cell

- The institution has active Internal Quality Assurance Cell. The members are -

Internal Quality Assurance Cell			
Sr. No.	Name	Designation	Mobile No.
01	Prof. S. A. Desai	Chairperson	9673013737
02	Mrs. J. A. Admuthé	Member	9595461008
03	Mr. P. I. Nargatti	Member	7709884468
04	Mr. Y. D. Dange	Member	9834524848
05	Miss. S. T. Jadhav	Member	8805280796
06	Mr. A. S. Magdum	Member - Secretary	9860823120

6. Programmes

- Name of Programmes approved by AICTE : Pharmacy
- Name of Programmes Accredited by NBA : Nil
- Status of Accreditation of the Courses : Nil
- Total number of Courses : 01
- No. of Courses for which applied for Accreditation : Nil
- Status of Accreditation : Nil

(Preliminary / Applied for SAR & results awaited / Applied

For SAR & visits completed / Results of the visits awaited /

Rejected / Approved for Courses (specify the number of courses)

Programme Details:

Sr. No.	Name of Programme	Course	Number of seats	Duration	Cut off Marks / Rank of admission during the last three years			Fee (As approved by the State Government) (2020-21)
					2018-19	2019-20	2020-21	
01	Pharmacy	Pharmacy	60	02 Years	37.67 (PCMB)	36.67 % (PCMB)	38.67 % (PCMB)	64,000/-

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▪ Placement Facility:

- The Training and Placement Cell of the Annasaheb Dange College of D. Pharmacy, Ashta has been established to help undergraduates & diploma students to prepare, develop & groom for the needs of employment market.
- TPC also offers campus opportunities for recruitment by inviting industries and external agencies.
- The Placement Cell presents entire guide to the travelling agencies at each level of placement system.
- Arrangements for Pre-Placement Talks, Written Tests, Interviews and Group Discussions are made as according to the requirement of the employment market.
- In addition to this, advice letters are given to the students whenever demanded. Students are advocated with the aid of the faculty for accumulating the information from the internet site of the various Pharmaceutical Companies.

A) Campus Interviews-We have conducted the Campus Interview for Degree & Diploma students

- Arranged Pool Campus Interview of Inventia Pvt. Ltd., Mumbai on May 2019.
- Arranged Pool Campus Interview of 3 GEN Consulting Pvt. Ltd., Pune on 6th January 2021.
- Arranged Pool Campus Interview of IT Cube solutions, Pune on 14th March 2020.

B) Workshops, Seminar & Guest Lectures data-We have conducted following types of activities to promote the placements of diploma students

Sr. No.	Academic Year	Types of Activity	No. of Activity	No. of Participant benefited	Beneficiary
01	2019-20	Workshops	01	60	Final Year D Pharm Students
02	2019-20	Seminar	02	60	Final Year D Pharm Students
03	2019-20	Guest Lecture	05	110	First and Final Year D Pharm Students
04	2020-21	Guest Lecture	02	68	Final Year D Pharm Students

- **Campus Placement in last three years with minimum salary, maximum salary and average salary**

Sr. No.	Academic Year	Minimum salary	Maximum salary	Average salary
1	2016-17	NA	NA	NA
2	2017-18	1.2 lac /annum	1.2lac /annum	1.2lac /annum
3	2018-19	1.2 lac /annum	1.2 lac /annum	1.2 lac /annum
4	2019-20	Rs. 0.60 lac /annum	Rs. 1.68 lac /annum	1.4 lac /annum

7. Faculty

- Permanent Faculty for D. Pharmacy Course

Sr. No.	Name of the Faculty	Designation	Qualification
01	Mr. Sujit A. Desai	Principal	M. Pharm
02	Mr. Prakash I. Nargatti	Assistant Professor	M. Pharm
03	Miss. Shital T. Jadhav	Assistant Professor	M. Pharm
04	Mr. Yuvraj D. Dange	Assistant Professor	M. Pharm
05	Mrs. Jyoti A. Admuthe	Assistant Professor	M. Pharm
06	Mr. Anil S. Magdum	Assistant Professor	M. Pharm
07	Miss. Rani S. Dhole	Assistant Professor	M. Pharm

- Adjunct Faculty for D. Pharmacy Course: Nil

- Permanent Faculty: Student Ratio


Sr. No.	Course	No. of Faculty	Sanctioned Intake					Faculty: Student Ratio
			I	II	III	IV	Total	
01	D. Pharmacy	07	60	60	--	--	120	17

- Number of Faculty Employed and Left during the last three years:

Sr. No.	Course	No. of Faculty Employed			No. of Faculty left		
		2019-20	2018-19	2017-18	2019-20	2018-19	2017-18
01	D. Pharmacy	01	02	03	01	02	02

8. Profile of Principal & Faculty

A) Profile of Principal

Particular	Details	
Name	Sujit Arun Desai	
Date of Birth	15/08/1990	
Unique id	1-3246133553	
Education Qualifications	M. Pharm.	
Work Experience	Teaching: 07 Years, Research: 00 Years, Industry: 00 Year, Other: 00; Total: 08 Years	
Area of Specialization	Quality Assurance	
Courses taught at Under Graduate	Pharmaceutical Technology, Industrial Management, Cosmeticology.	
Courses taught at Post Graduate	--	
Research guidance	11 Under Graduate	
No. of papers published	National: 15, International: 08, Conferences: 08	
Master	00	
Ph.D.	Pursuing	
Projects Carried out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	24	
No. of Books published with details	01 Author of a reference book 'Advancement in QSPR Modeling'(Mahi Publication, Ahmedabad, Dec 2018, ISBN: 978-81-939449-5-0	

B) Profile of Faculty: Attached Annexure: I

9. Fee

▪ Details of Fee, as approved by State Fee Committee for the Institution

- The details of fees approved by the Fees Regulating Authority of State Government is as follow -

Sr. No.	Name of Course	Approved Fee for the A. Y. 2020-21		
		Tuition Fee (Rs.)	Development Fee(Rs.)	Total Fee (Rs.)
01	D. Pharmacy	57919	6081	64000/-

▪ Time schedule for payment of Fee for the entire Programme

- Fee should be paid at the time of admission for respective academic years.

▪ No. of Fee Waivers granted with amount and name of students

- The details of students admitted under TFWS quota and tuition fee waived are as follow -

Sr. No.	Name of Course	Details of Tuition Fee Waiver Scheme (For the Academic Year 2020-21)		Amount (Rs)
		No. of students	Name of the Student	
01	D. Pharmacy	03	Thorat Utkarsha Dipak	57919
			Nalawade Shrishalya Rajendra	57919
			Patil Raj Bhagwan	57919

▪ Number of scholarship offered by the Institution, duration and amount

- The institute offers the all Scholarship / Free ship to the eligible students as per the State Government Norms. The details for the academic Year 2020-21 are as follows -

Sr. No.	Scheme of Scholarship	Duration	No. of Students	Total Amount (Rs)
D. Pharmacy				
1	EBC	01 Year	32	926720
2	VJNT Scholarship / Free ship	01 Year	11	318560
3	OBC Scholarship / Free ship	01 Year	22	1274218
4	SBC Scholarship / Free ship	01 Year	02	115838
5	SC Scholarship / Free ship	01 Year	09	576000
6	ST Scholarship / Free ship	01 Year	02	128000
Total			78	3339336

▪ Criteria for Fee Waivers/Scholarship

i) Criteria for Tuition Fee Waiver Scheme (TFWS):

Sr. No.	Particular	TFWS Details
01	Scheme	<ul style="list-style-type: none"> ▪ Tuition Fee Waiver Scheme (TFWS) Seats will be filled in by the Competent Authority. ▪ Seats up to maximum 5 % of sanctioned intake per course are available. ▪ These seats are supernumerary in nature. ▪ The Waiver is limited to the tuition fee as approved by the Fee Regulation Authority & All other fees except tuition fees shall be paid by the beneficiary. ▪ The Candidates admitted under this scheme is not allowed to change

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		<p>Institution/course at any stage under any circumstances.</p> <ul style="list-style-type: none"> ▪ These seats are available for admission to First Year of B. Pharmacy & D. Pharmacy course.
02	Eligibility	<ul style="list-style-type: none"> ▪ Only Maharashtra State Candidature candidates are eligible for these seats. ▪ Eligible Maharashtra State Candidates having their parent's annual income less than Rs. 8 Lakh (Rupees Eight Lakh only) from all sources shall only be eligible for these seats. ▪ The candidate shall submit Income certificate issued by Appropriate Authority.
03	Admissions Procedure	<ul style="list-style-type: none"> ▪ These seats are allotted by the Competent Authority as per inter-se merit. ▪ For this purpose, the Competent Authority shall invite applications, prepare a separate merit list for this category by following the same criteria as for Maharashtra State Candidature Candidates. ▪ In the event of non-availability of students in this category the same shall not be given to any other category of applicants.

ii) Criteria for Scholarships:

Sr. No.	Scheme	Scheme Details
01	Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
02	Dr. Punjabrao Deshmukh Vasatigruh Nirvah Bhatta Yojna	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
03	Scholarship to VJNT Students	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
04	Scholarship to OBC Students	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
05	Scholarship to SBC Students	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
06	Scholarship Scheme for State Minority Communities	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
07	Scholarship / Free ship Scheme for SC, ST Students	As per the State Government Norms. https://mahadbtmahait.gov.in/Home/Index
08	Pragati Scholarship Scheme for Girl Students (Degree, Direct Second Year Degree & Diploma)	As per the All India Council for Technical Education Norms. https://scholarships.gov.in
09	Saksham Scholarship Scheme for Specially Aabled Student (Degree, Direct Second Year Degree & Diploma)	As per the All India Council for Technical Education Norms. https://scholarships.gov.in
10	Post Matric Scholarships Scheme for Minorities	As per the Central Government Norms https://scholarships.gov.in

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▪ Estimated Cost of Boarding and Lodging in Hostels

Sr. No.	Name of Hostel	Annual Fees (Rs.)
01	Girl Hostel I	22000.00
02	Girl Hostel II	27000.00
03	Boys Hostel I	22000.00
04	Boys Hostel II	16000.00

▪ Any other fee please specify

- Institute does not charge any fee other than Fees sanctioned by Fees Regulating Authority of Government of Maharashtra.

10. Admission

▪ Number of seats sanctioned with the year of approval

Sr. No.	Course	No. of Seats Sanctioned	Year of Approval
01	D. Pharmacy	60	2020

▪ Number of Students admitted under various categories each year in the last three years

- Following are the details of the Number of students admitted under various categories –

Sr. No.	Category	Course: D. Pharmacy		
		Academic Year		
		2020-21	2019-20	2018-19
01	Open	28	18	26
02	SEBC	NA	09	NA
03	SC	05	07	07
04	ST	01	01	01
05	VJNT	10	11	10
06	OBC +	14	11	13
07	SBC	01	03	03
	Total	59	60	60
08	EWS (Over & Above)	05	01	NA
09	TFWS (Over & Above)	03	NA	NA

▪ Number of applications received during last two years for admission under Management Quota and number admitted

- Following are the details of the Number of applications received during last two years for admission under Management Quota and number admitted

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Institute Level Admissions (Management Quota & Seats remaining vacant after CAP)					
Sr. No.	Course	No. of Applications Received		No. of Students Admitted	
		2020 – 21	2019 - 20	2020 – 21	2019 - 20
01	D. Pharmacy	22	22	22	22

11. Admission Procedure

- **The Competent Authority for the Admission Process**

- A) **First Year D. Pharmacy:**

- The **Director, Directorate of Technical Education, Maharashtra State**, has been appointed by the State Government as the Competent Authority for the **Centralized Admission Process (CAP)** and shall direct the students as per their allotment through CAP to all institutions.

- **Admission Tests:**

- For the admission to First Year D. Pharmacy course, the candidate should Pass 10+2 examinations with Physics and Chemistry as compulsory subjects along with Mathematics/Biology subject.

Details of the competent Authority for the Admission test & the Centralized Admission				
Sr. No.	Particular	Name of Competent Authority	Address of Competent Authority	Website
First Year D. Pharmacy				
01	Centralized Admission Process (CAP)	The Director, Directorate Of Technical Education , Maharashtra State	Mumbai 3, Mahapalika Marg, Post Box No.1967, Opp. Metro Cinema, Mumbai - 400 001 Phone: (022) 2264 1150, 2264 1151, 2262 0601, 2269 0602	http://www.dtemaharashtra.gov.in

- **Number of seats allotted to different Test Qualified candidate separately (AIEEE / CET State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)**

- Allocation of seats for MHT CET and NEET qualified students within Sanctioned Intake is as follow:

Sr. No.	Name of Test	Allocation of seats within Sanctioned Intake	
		Maharashtra State Candidates	All India Seats
First Year D. Pharmacy			
01	Total marks obtained in Physics, Chemistry, Biology / Mathematics at HSC Examination	100 % of CAP seats	00

▪ **Calendar for Admission against Management/ Vacant seats:**

- The Principal of the institution will be the authority to carry out the admissions for the seats of Institutional Quota & Seats remaining Vacant after the Centralized Admission process as per the directions received from the Competent authority of the respective courses.
- Admissions are made in a transparent manner and strictly as per the Inter-Se-Merit of the Candidates who have applied to the Competent Authority for verification of documents and then to the Institution.
- Aspiring Candidates fulfilling the eligibility criteria as notified by the Government and specified by the appropriate authority, from time to time, shall apply to the Principal of the respective institution for admission at the Institution level and seats remaining vacant after CAP.
- The institution after verification of all required documents will prepare and display the Inter- Se-merit lists of the Candidates
- The detail schedule for the admission to the Institutional Quota & Seats remaining Vacant after the Centralized Admission process for the **Academic Year 2020-2021** is as follow:

Sr. No.	Course	Detailed Schedule
01	First Year D. Pharmacy	Attached Annexure IIA

▪ **The Policy for Cancellation of Admission, Refund of fees & Return of Documents by Institutions**

- The Candidate shall apply online for cancellation and submit duly signed copy of system generated application for cancellation of admission to the institution. Once the candidate submits online request for cancellation, his/her admission shall be treated as cancelled. The Institute will consider the online request made by Candidate for cancellation as final irrespective of whether he/she has submitted duly signed copy of system generated application to the Institute. Upon such cancellation, the candidate shall lose the claim on the seat and such seat shall become available for further allotment.
- The candidate shall then become entitled to and the Institute shall refund the entire fees to the candidate after deduction of Rs.1000/- towards processing charges and return all his/her original documents submitted to the Institute within two days from submission of duly signed copy of system generated application to the Institute.
- The institution shall not entitle to recover the fees for the subsequent years from the student seeking cancellation of his admission at any point of time

12. Criteria and Weightages for Admission

- The eligibility criteria for the admission to First Year B. Pharmacy, Direct Second Year B. Pharmacy & First Year D. Pharmacy will be as per the rules and regulations framed by the Competent Authority. The eligibility criteria for admission to various courses in Academic Year 2020-21 is as follow:

Mandatory Disclosures

Sr. No.	Course	Eligibility Criteria
01	First Year D. Pharmacy	(i) The Candidate should be an Indian National. (ii) Passed 10+2 examination with Physics and Chemistry as compulsory subjects along with Mathematics/Biology subject.

- **Cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years**

- The cut off marks in admission test of students admitted in respective academic year are as follow -

- **Display marks scored in Test etc. and in aggregate for all candidates who were admitted**

- The details of aggregate marks obtained in HSC or Diploma Examination is as follow -

Sr. No.	Course	A. Y. 2020-21	A. Y. 2019-20	A. Y. 2018-19
01	First Year D. Pharmacy (PCM/B)	53.75 %	56.9996 %	54.095 %

13. List of Applicants

- **List of candidate whose applications have been received along with percentile / percentages score for each of the qualifying examination in separate categories for open seats.**

- The aspirant candidate required to fill the Online Application Form and Online preference form to respective competent authority as per the notified schedule. So list of candidate who gives the preferences for u or institute in CAP is not available with institute.

- **List of candidate who have applied along with percentage and percentile score for Management quota seats and seats remaining vacant after CAP (merit wise)**

Sr. No.	Course	List of Candidate
03	First Year D. Pharmacy	Attached Annexure II

14. Results of Admission under Management seats / vacant seats

- **Composition of selection team for admission under Management Quota with the brief profile of members.**

- The selection team for the admission process under Institutional Quota Seats and Seats remaining vacant after CAP round is –

Sr. No.	Name of Member	Designation
01	Mr. S. A. Desai Principal, ADCDP Ashta	Head
02	Mr. P. I. Nargatti Asst. Professor & Head, Admission Cell, ADCDP Ashta	Member
03	Mr. Y. D. Dange Asst. Professor	Member
04	Mr. P. S. Patil Clerk, ADCDP, Ashta	Member

Mandatory Disclosures

- **Score of the individual candidate admitted arranged in order or merit**

Sr. No.	Course	List & Score of Candidate
01	First Year D. Pharmacy	Attached Annexure II

- **List of candidate who have been offered admission**

- A list of candidate who have been offered admission under Institutional Quota Seats and Seats remaining vacant after CAP round for various courses in the A. Y. 2020-21 is–

Sr. No.	Course	List & Score of Candidate
01	First Year D. Pharmacy	Attached Annexure III

- **Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate.**

- A waiting list of candidate for the admission to various courses in the Institution under Institutional Quota Seats and Seats remaining vacant after CAP round for the A. Y. 2020-21 is as follow:

Sr. No.	Course	Name of Candidate
01	First Year D. Pharmacy	Nil

- **List of the candidate who joined within the date, vacancy position in each category before operation of waiting list**

- List of candidates who have joined for various courses in the A. Y. 2020-21 under Institutional Quota Seats and Seats remaining vacant after CAP round for the A. Y. 2020-21 is as follow:

Sr. No.	Course	List of Candidate who have been joined the Institute
01	First Year D. Pharmacy	Attached Annexure III

15. Information of Infrastructure and Other Resources Available

- The following are the details of Infrastructure available in the institute -

Independent Building Status : Yes **Separate Campus Status:** Yes

Sr. No.	Room Type	No. of Rooms	Total Carpet Area (Sq.m)
01	Class Rooms	02	206.05
02	Tutorial rooms	01	50.64
03	Laboratories	05	514.91
04	Machine Room	01	106.65
05	Preparation Room	03	43.81
06	Computer Centre	01	103.24
07	Exam Control Center	01	35.02
08	Seminar hall	01	168.07
09	Store Rooms	02	36.03
10	Girl's Common Room	01	76.02
11	Boy's Common Room	01	102.81
12	Toilet Blocks for Boys	02	72.86
13	Toilet Blocks for Girls	02	72.86
14	Library	01	168.32
	Type of Area		Total Carpet Area (Sq. m)
01	Instructional area		1446.60
02	Administrative Area		442.26
03	Amenities Area		535.25
04	Circulation Area		625.36
05	Total Carpet Area		3049.47
06	Total Built up Area		3440.87

- Barrier Free Built Environment for disabled and elderly persons**

- Institution has barrier free environment for disabled and elderly persons. The details are –
 - Ramp Facility,
 - Special Toilet facility for Disabled / Elder person on Each Floor
 - Lift Facility
 - Wheel chair
 - Rest Room

- Occupancy Certificate**

- The institute has valid Occupancy Certificate issued by Ashta Municipal Council Ashta.

- Fire and Safety Certificate**

- The institute has valid Fire Safety Certificate issued by Indian Fire Safety System.

- Hostel Facility**

- Sanstha has separate hostel facility for the Boys and Girls.

- Library**

- Institute has a well-organized, ventilated, updated & computerized library and a fully furnished & beautifully illuminated reading room with ample space which attracts students for studying, learning,

Mandatory Disclosures

making notes & assignments and encourage in performing day to day activities in a serene environment. It provides easy access to books and journals. The institute has well spacious library having voluminous books covering each subject. Various national, international journals and e-journals are available in library. The library also provides the various periodicals, compact discs (CD's) and newspapers for current awareness. The information center has adequate number of computers with broadband Internet / Wi Fi connectivity along with printer is provided. We are also member of NDL. The institute also provides the basic facilities like Xerox machine, scanner etc.

- Library at Glance

Sr. No.	Particular	Details
01	Floor area of the library	168.32 sq. ft.
02	Seating capacity	20 Chairs
03	No. of Titles	154
04	No. Reference books	103
05	No. of Volumes	1316
06	Total Cost	713549/-
07	No. of Subscribed Journals (Printed)	06
08	No. of Online Journals	200
09	Method of Classification	DDC
10	Library atomization	In-house software
11	Library Timing (Mon to Sat)	9:00 am to 6:00 pm
12	During Examination (Sunday)	9:00 am to 6:00 pm
13	National Digital Library(NDL) Subscription	Available

▪ Laboratory

- The laboratories provide large area for experimental performance and research projects. The prerequisites of practical's and research activities are satisfied time to time. All the laboratories are equipped with sophisticated instruments and facilitated with required chemicals, glassware's, equipment's and lab-wares. Major Equipment's available are –

List of Major Equipment's Available	
Department of Pharmaceutics	Department of Pharmaceutical Chemistry
Rotary Tablet Press	UV Cabinet
Disintegration Test Apparatus	Refractometer
Tablet Dissolution Test Apparatus	Polarimeter
BOD Incubator	Colorimeter
Tray Dryer	Muffle Furnace
Precision melting point	Arsenic Limit Test Apparatus
Digital balance	Nephelo Turbidity meter
Ampoule sealing machine	Flame Photometer
Magnetic stirrer 500ml & 1 Litr capacity	Potentiometer
Aseptic cabinet	Conductivity meter
Tablet coating machine	Deep Freezer
Ball mill	Department of Pharmacology
Double cone blender	Hutchinson's spirometer
Autoclave	Stethoscope
Capsule filling machine	Sphygmomanometer

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Ampoules washing machine	Sherrington's kymograph machine
Hardness tester	Sherrington drum
Friability test apparatus	Pole climbing apparatus
Clarity test apparatus	Rotarod
Digital pH meter	Analgesiometer
Bulk density	Convulsiometer
Laminar Air Flow	Histamine chamber
Ultra Sonicator	Compound Microscope
	Department of Pharmacognosy
	Microtome rotary
	Water Distillation unit
	Muffle Furnace
	Electronic Microscope
	Compound Microscope

▪ Computing Facilities

- Fully furnished computer laboratory is having 20 computers with latest Configuration connected With LAN and provide Internet speed up to 155 Mbps. Wi-Fi facility is available to Staff as Well as Student in the College Campus for 24×7. Lab is provided with Language Lab Software. Printing & scanning facility is also available for student in the Computer laboratory. The computer lab caters the Need of faculty & students for their knowledge updating of the subjects.

Sr. No.	Particular	Details
01	Internet Bandwidth	155 Mbps
02	Number and configuration of System	25
03	Total number of system connected by LAN	25
04	Major software	Language Lab, Experimental Pharmacology
05	facilities available (Conduct of online Meetings/Webinars/Workshops)	Available
06	Facilities for conduct of classes/courses in online mode (Theory & Practical)	Available
07	Innovation Cell	Available
08	Social Media Cell	Available

▪ List of facilities Available

- **Games and Sports Facilities:** The institute encourages the students to inculcate health awareness in them and provides facilities for indoor and outdoor games. The institute has playgrounds for cricket, Kabaddi and Volleyball and also indoor stadium for Badminton, Table – Tennis, Carom, Chess, and Billiards etc. Besides a ground for athletic events is also available.
- **Extra-Curricular Activities:** Institute conducts the various extracurricular activities. Institute also promote the students to participate in various activities conducted by other colleges, Sanstha, trust etc.
- **Soft Skill Development Facilities:** Institute provides the facility for the analysis of personality trait / Learning style / Employability skill analysis.

Mandatory Disclosures

▪ Teaching Learning Process

- We have established clear, measurable, realistic and challenging learning goals considering gap in between current curriculum outcomes and employment market needs. We have set clear, measurable and challenging assessments with performance criteria for generating evidence of achievement. This essentially consists of diverse formative assessments and feedback apart from summative assessments. We have designed learning experiences and instructions that will facilitate the student to achieve the desired results. We have adopted model that start from results, assessments and then teaching approach which ensures desired cognitive and psychomotor skill development of students. Learning process is made transparent by offering Course Description Booklet and Learning Outcome Booklet to the students.

Sr. No.	Particular	Details
01	Curricula and Syllabus for each of the Programmes as approved by the Board (D. Pharm)	Attached Annexure IV
02	Academic Calendar of the MSBTE	Attached Annexure V
03	Academic Calendar of the institute	Attached Annexure VI
04	Academic Time Table with the name of the Faculty members handling the Course	Attached Annexure VII
05	Teaching Load of each Faculty	Attached Annexure VIII

16. Enrolment and Placement details of students in the last 3 years

- The Enrolment and Placement details of students are as follow -

Enrollment Data				
Sr. No.	Class	A. Y. 2019 -20	A. Y. 2018 - 19	A. Y. 2017 - 18
01	First Year D. Pharmacy	61	60	60
Placement Data				
Sr. No.	Class	A. Y. 2019 -20	A. Y. 2018 - 19	A. Y. 2017 - 18
01	Final Year D. Pharmacy	39	35	23

17. List of Research Projects / Consultancy Works

- Number of Projects carried out, funding agency, Grant received

Sr. No.	Name of Faculty (Principal Investigator)	Title of the Project	Duration (in Months)	Amount Received (In Rupees)	Name of the Funding agency
1	Mr. Yuvraj D Dange	Formulation and development of nanohydrogel containing anticancer agent.	24 months	80,000 /-	Sakal Foundation

Mandatory Disclosures

▪ Publications (if any) out of Research in last three years

Sr. No.	Academic Year	No. of Publications	
		National	International
01	2020 -21	01	02
02	2019 -20	02	02
03	2018 -19	02	03

▪ Industry Linkage

Sr. No.	Name of Student/Staff	Academic Year	Name of Industry linked	Type of Work	Purpose
01	Mr. Sujit A Desai Principal ADCDP, Ashta	2020-21	Lipoid GmbH, Ludwigshafen, Germany	Research Project	Gift sample for Research Project

▪ MoUs with Industries

Sr. No.	Name of Collaborating Organization	Nature of Collaboration	Outcome of Collaboration
1.	Dhanvantari Ayurved Pharma, Ashta, Maharashtra	Training & Internship	Laboratory Training, Hospital visit for students & staff
2.	Dhanvantari Ayurvedic Hospital, Ashta, Maharashtra	Training & Internship	Laboratory Training, Hospital visit for students & staff
3.	S. G. PhytoPharma Pvt. Ltd., Kolhapur, Maharashtra	Training & Internship	Implant training for students & staff & placement & placement of students
4.	Symbiosis Cooperative Pharmaceutical Ltd. Kupwad Block, Sangli, Maharashtra.	Training & Internship	Implant training for students & staff & placement & placement of students
5.	Rubicon Pvt. Ltd, Pune, Maharashtra.	Training & Internship	Training, to students on below topics: Organizational Structure, Public Speaking, Presentation Skills, E-mail Etiquette, Grooming, Group Discussion, Personal Interview, Assessment will be conducted on Group Discussion and Personal Interview
6.	Innoscence Research Sdn. Bhd., Malaysia	Research Project	Identifying opportunities for conducting collaborative research & development. Exchange of academic information and materials. Promoting collaboration in field of mutual interest.
7.	Adhar Hospital, Islampur	Training & Internship	Hospital visit for students & staff

18. LoA and subsequent EoA till the current Academic Year

Sr. No.	Academic Year	LOA	EOA
01	2016 – 2017	Attached Annexure IX	NA
02	2017 – 2018	NA	Attached Annexure X
03	2018 – 2019	NA	Attached Annexure XI
04	2019 – 2020	NA	Attached Annexure XII
05	2020 – 2021	NA	Attached Annexure XIII

19. Accounted audited statement for the last three years

Sr. No.	Academic Year	EOA
01	2017 – 2018	Attached Annexure XIV
02	2018 – 2019	Attached Annexure XV
03	2019 – 2020	Attached Annexure XVI

20. Best Practices adopted, if any

- **Academics**

- Re-organization of syllabus on basis of principles of knowledge organization
- In-House design of Learning Outcome Booklet (LOB)
- Library of ‘Knowledge Organizers’ & ‘Concept Maps’
- Embedded Formative Assessments
- Differential Assignments
- In-House Teacher Training & Teacher Support System
- Question paper mapping & monitoring
- Model Answer papers (General Feedback)

- **Use of Technology**

- Use of Learning Management Software (VM EduLife)
- Use of Google Forms for conducting Survey, Feedbacks, demographics etc.

- **Institutional Governance**

- Delegation of powers to teaching & support Staff
- Transparent & responsive feedbacks mechanism
- Student representation on all Cells or Committees
- Grievance Redress Cell for Internal Assessments
- Design of ‘Course Description Booklet’ for students

Mr.Nargatti P.I., M.Pharm.

Assistant Professor

ANNEXURE-I**Campus Address:**

Sant Dnyaneshwar Shikshan Sanstha's
ANNA SAHEB DANGE COLLEGE OF D.PHARMACY
Ashta, Tal. Walwa, Dist. Sangli (416301)
Phone: Office: 02342-241124
Cell No. 7709884468
E-mail: prakashnargatti@gmail.com

**Education:**

Pursuing Ph.D.: Shivaji University, Kolhapur
M.Pharm. (2014): Appasaheb Birmale College of Pharmacy, Sangli
B. Pharm. (2012): Appasaheb Birmale College of Pharmacy, Sangli

Professional Work Experience:

August 2014 to July 2016: Clinical Research Associate at Om Sai Clinical Research Pvt. Ltd. Sangli
July 2016 to till date: Asst. Professor, Annasaheb Dange College of D.Pharmacy, Ashta

Teaching	Research	Industry	Total
05 Years	00 Years	02 Years	07 Years

Professional Affiliations: Registered Pharmacist (Registration No.153112)

Subject Taught: Human Anatomy & Physiology, Health Education & Community Pharmacy, Biochemistry & Clinical Pathology, Pharmacology & Toxicology, Hospital & Clinical Pharmacy

Research Foci: Pharmacological Drug Screening, Evaluation of anticancer drugs

Number of Research Projects: NIL

Grants Received: NIL

Number of Publications: 02

Resource Person Presentations: NIL

Book Published: 02

Selected Publications-

- **Prakash Nargatti**, Sudhir Patil, Sandip Patil, Nilofar Naikwade, 'Chemopreventive potential of adrenergic blocker in behavioral stress accelerated prostate cancer development in rats', Research Journal of Pharmacy and Technology, **2021**; 14(2): 787-792.
- Sudhir Patil, **Prakash Nargatti**, Tabassum Shikalgar, Nilofar Naikwade, 'Evaluation of Antidepressant activity of *Ficus carica* leaves extract in experimental animals', Research Journal of Pharmacy and Technology, **2021**; 14(3): 1267-1273.

Mr. Dange Y. D., M. Pharm

Assistant Professor

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E-mail: dange.yuvrajcdp@gmail.com



Education:

Ph.D. : Pursuing Ph.D. in Shivaji University (From -2017)
M.Pharm. (2016): Rajarambapu College of Pharmacy, Kasegaon.
B. Pharm. (2014): Rajarambapu College of Pharmacy, Kasegaon.

Unique id: 1-3246187569

Professional Work Experience:

July 2016 to till date: Assistant Professor Annasaheb Dange College of D. Pharmacy , Ashta

Teaching	Research	Industry	Total
4.5 Years	-	-	4.5

Professional Affiliations: Registered Pharmacist (Registration No. 185125)

Subject Taught: Diploma - Pharmacognosy, Pharmaceutical organic chemistry

Research Foci: Formulation and Method Development.

Number of Research Projects: Nil

Grants Received: Rs. 40,000

Number of Publications: 12

Resource Person Presentations: Nil

Patent: Nil

Selected Publications:

- Screening of the most effective Nano metal between AgNp, CuNP and Ag-cuNP, by in vitro antibacterial comparison. Journal of Nanomedicine and nanotechnology.2016; 7:13
- Formulation and Evaluation of Gastro retentive Floating Tablets of Candesartan Celexetil. Indian drug 2017; 54:31-35
- Integration of Pharmacophore Modeling Pocket Modeling to Design Dipeptidyl Peptidase-4 Inhibitors: A Modern Approach to Treat Type 2 Diabetes.
- Simultaneous Equation Method for the Estimation of Palbociclib and Letrozole by Uv-Visible Spectrophotometry. Indian drug.
- Development and Validation of UV-Spectrophotometric Method for Estimation of Metformin in Bulk and Tablet Dosage Form. IJPER.
- Optimization and validation of RP-HPLC method for simultaneous estimation of Palbociclib and Letrozole ,Journal of Toxicology Mechanism and Method
- Screening of Antisecretory & Antiulcer Protective Property of Momordica Charantia” Rsm's Cdgims, International Conference-2018 “Anveshanam” - New Era of Healthcare Management.
- Pterocarpus marsupium: Rainbow for Life Threatened Disease. Inventi Rapid: Planta Activa.2017 (2):1-5
- A review on a cissus quadrangularis and evaluation of its in vitro Anthelmintics activity 2014 vol.3 (1) Jan –march. CIBTech Journal of Pharmaceutical Sciences.2014 Vol.3 (1):1-5.
- Nanotechnology, Nanodevice Drug Delivery System: A Review. Asian J. Pharm. Tech. 2017; 7 (2): 61-69.
- General Considerations of Design and Development of Dosage Forms: Pre-formulation Review. Asian Journal of Pharmaceutics. Jul-Sep 2017 (Suppl) 11 (3) | S1.

Ms Jadhav S. T, M.Pharm

Assistant Professor

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Education:

Ph.D. Pursuing Shivaji University, Kolhapur.

M.Pharm. (2015): Satara College of Pharmacy Satara.

B. Pharm. (2013): Government College of Pharmacy, Karad.

Unique id: 1-4716794488

Professional Work Experience:

July 2018 to till date: Assistant professor, Annasaheb Dange College of D Pharmacy Ashta.

Teaching	Research	Industry	Total
05	-	01 Year	06

Professional Affiliations: Registered Pharmacist (Registration No. 148898)

Lifetime member of APTI (MA/LM-2488)

Karad Pharmacy Student Federation (KPSF) member

Subject Taught: UG- Pharmaceutics, Physical Pharmacy, Pharmaceutical Engineering

: **Diploma:** Pharmaceutics II, Biochemistry and Clinical Pathology, Health Education and Community Pharmacy, Human Anatomy & Physiology, Pharmacognosy.

Research Foci: Formulation and development of nanoemulsion delivery system

Number of Research Projects: Nil

Grants Received: Rs. - Nil

Number of Publications: 08

Resource Person Presentations: - 01

Selected Publications:

- Kulkarni CG, Lohar BN, **Jadhav ST**, Salunkhe SS (2014). Evaluation of Anthelmintic activity of Indian herbs. International Journal of Pharmacy 4(2):357-362.
- Kulkarni CG, Madane VS, **Jadhav ST** (2014), Anthelmintic activity of Indian herbs: A boon to humankind, American Journal of Pharmtech Research 4(1): 994-1003
- **Jadhav ST**, Kulkarni CG, Salunkhe SS, Deshpande AD, Bhise SB (2013), Screening of Indian herbs for haemostatic activity; Journal of Drug Delivery and Therapeutics 3(5):81-85.
- **Jadhav ST**, Kulkarni CG, Shinkar MC, Lokhande KD (2013). Possible carcinogenic potential of *Mimosa pudica*; International Journal of Biology, Pharmacy and Allied Sciences 2(3): 699-704.
- **Jadhav ST**, Kulkarni CG, Shinkar MC, Lokhande KD (2013), Possible carcinogenic potential of various marketed dyes International Journal of Pharmaceutical Chemistry and Biological sciences 3(2): 265-268.

Mrs. Admuthe J.A., M.Pharm.

Assistant Professor

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Education:

M.Pharm. (2015): Appasaheb Birnale College of Pharmacy, Sangli
B. Pharm. (2010): Rajarambapu College of Pharmacy, Kasegaon

Unique id: 1-4717208920

Professional Work Experience:

July 2018 to till date: Assistant Professor, SDSS's Annasaheb Dange College of D Pharmacy, Ashta, Sangli

Teaching	Research	Industry	Total
4.5 Year			4.5 Year

Professional Affiliations: Registered Pharmacist (Registration No. 117830)

Subject Taught: Diploma- Pharmaceutics- I, II, Pharmaceutical Jurisprudence, Pharmaceutical Chemistry-I

Research Foci:

Number of Research Projects: Nil

Grants Received: Nil

Number of Publications: 01

Resource Person Presentations: Nil

Selected Publications:

- Magdum J. A., Shelke S., 2018. A review on safe use of medicine in pregnancy. Indo American Journal of Pharmaceutical Science, 2018; 5(5):4799-4806.

Miss Dhole R.S., M.Pharm.

Assistant Professor

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Education:

Ph.D. Pursuing Shivaji University, Kolhapur.
M.Pharm. (2018): Bharati Vidyapeeth College of Pharmacy, Kolhapur
B. Pharm. (2016): PES's Modern College of Pharmacy (for Ladies), Moshi, Pune

Unique id: 1-7401643098

Professional Work Experience:

July 2019 to till date: Assistant Professor, SDSS's Annasaheb Dange College of D Pharmacy, Ashta, Sangli

Teaching	Research	Industry	Total
3 Years			3 Years

Professional Affiliations: Registered Pharmacist (Registration No. 195163)
APTI Life Membership

Subject Taught: **UG-** Cosmetic Science, Pharmaceutics, Biopharmaceutics, Biochemistry
Diploma- Pharmacology & Toxicology, Biochemistry & Clinical Pathology

Research Foci: Novel drug delivery system and optimization by statistical design

Number of Research Projects: Nil

Grants Received: Nil

Number of Publications: 05

Resource Person Presentations: Nil

Selected Publications:

- Dhole R, Patil U, Jadhav N. Stabilization of hydrochlorothiazide nanocrystals using fibroin. J Res Pharm. 2019; 23(6): 997- 1008. DOI. 10.35333/jrp.2019.64
- Bagade O.M., Dhole R. S., Mane P. N., Gholave J. A., Pote P. K. A facet upshot on parenteral Ocular Implants: in middle of updated perspectives. International Journal of Pharma Research and Health Sciences 2015; 3(2):561-572.
- Bagade O.M., Gholave J. A., Dhole R. S., Mane P. N., Pote P. K. Study of widely divergent development of non-biodegradable polymers and its appliances. International Journal of Pharmacy & Technology 2015; 6(4):7901-7931.
- Bagade O.M., Mane P. N., Dhole R. S., Gholave J. A., Pote P. K. Study of incongruent upshot of erythrocyte & its relevance. World Journal of Pharmaceutical Research 2015; 4(5):1060-1075.
- DugamS, Tade R, Dhole R, Nangare S. Emerging era of microneedle array for pharmaceutical and biomedical applications: recent advances and toxicological perspectives. Future J Pharm Sci. 2021; 7(19): 1-26.Doi.org/10.1186/s43094-020-00176-1

Mr. Magdum A.S. M.Pharm.

Assistant Professor

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Phone: Office: 02342-241124

Cell No. 9860823120

E-mail: anilmagdum03@gmail.com



Education:

M. Pharm.(2015):Appasaheb Birnale College of Pharmacy, Sangli

B. Pharm.(2013): Bharati Vidyapeeth College of Pharmacy, Kolhapur

D. Phram. (2009): Gulabrao Patil College of pharmacy, Miraj

Unique id:

Professional Work Experience:

5.2 year of experience in Development Quality Assurance (DQA) department Lupin Research Park, Pune.

Teaching	Research	Industry	Total
		5.2 years	5.2 years

Professional Affiliations: Registered Pharmacist (Registration No. 110617)

Subject Taught: Diploma- Pharmaceutics-I
: UG-

Research Foci.

Number of Research Projects: Nil

Grants Received: Rs.-Nil

Number of Publications: Nil

Resource Person Presentations: Nil

Patent: Nil

Books Published: Nil

Selected Publications: Nil

ANNEXURE-II

**Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of D Pharmacy, Ashta**

**List of Students Admitted under Against CAP
in the academic year 2020-21**

Sr.No.	Name of Candidate	Merit No	Gender	Category
1	CHOUGULE SANIKA SHIVLING	1	Female	Open
2	SURYAVANSHI PRANIT DILIP	2	Male	Open
3	WATEGAONKAR SHITAL VISHNU	3	Female	NT-C
4	SHIKALGAR SANIYA AKIL	4	Female	NT-B
5	PARIT HARSHDA SANJAY	5	Female	OBC
6	THOMBARE HARSHAD SANJAY	6	Male	Open
7	GURAV POONAM ABHIMANYU	7	Female	OBC
8	MOMIN ALTAMASH ARIF	8	Male	OBC
9	PUJARI KAUSHAL VIJAY	9	Male	OBC
10	SURYAVANSHI RUSHIKESH HANMANT	10	Male	Open

**List of Students Admitted under Institute Seats
in the academic year 2020-21**

Sr.No.	Name of Candidate	Merit No	Gender	Category
1	KHOT RUTURAJ SANJEEV	1	Male	Open
2	WAGHMODE PRACHI RAJENDRA	2	Female	NT-C
3	SURYAWANSHI MANASVI SHASHIKANT	3	Female	SC
4	SHUBHAM NIVAS PAWAR	4	Male	Open
5	CHOUGULE SAMMED SANJAYKUMAR	5	Male	Open
6	PATIL SHIVTEJ RAJU	6	Male	Open
7	KULKARNI SANTOSH GANAPATI	7	Male	Open
8	WAYCHAL PRAJAKTA ANANDRAO	8	Female	OBC
9	SALUNKHE SAKSHI ASHOK	9	Female	Open
10	PATIL ABHIJEET VIJAYKUMAR	10	Male	Open
11	PRASHANT CHANDRASEN SHINDE	11	Male	NT-C
12	VISHVAJEET VIJAY KOKATE	12	Male	Open

Annexure IIA

Sant Dnyaneshwar Shikshan Sanstha's

Annasaheb Dange College of D Pharmacy, Ashta

Admissions Notice for filling of Vacant Seats

First Year D. Pharmacy for the Academic Year 2020-21

As per the notifications issued by Directorate of Technical Education Maharashtra State, the **Institute level round for First Year. D. Pharm course**, for the academic Year 2020-21 is scheduled on Thursday, 07/01/2021 for the **Institutional Quota Seats & Seats remaining Vacant after CAP Round II.**

Eligibility: As per the admission notice issued by the competent authority Directorate of Technical Education Maharashtra State.

Schedule of Activities for Admission to First Year of Diploma in Pharmacy (D.Pharmacy)

Sr. No	Activity	Schedule	
		First Date	Last Date
1	Display of Provisional Vacant Seats for Institutional Quota Seats & Seats remaining vacant after CAP Round II	05/01/2021	05/01/2021 (Up to 01.00 Pm)
2	Registration of application by the Eligible Candidate for admission.	05/01/2021(From 01.00pm onwards)	06/01/2021 (Up to 05.00 Pm)
3	Documents verification and confirmation of Application Form	05/01/2021(From 01.00pm onwards)	06/01/2021 (Up to 05.00 Pm)
4	Display of the provisional merit list for Maharashtra State/All India Candidate on website & College Notice Board	06/01/2021	06/01/2021 (Up to 07.00 Pm)
5	Submission of grievances if any, for all type of Candidates	07/01/2021	07/01/2021 (Up to 10.00 am)
6	Display of the Final Merit lists of Maharashtra State/All India Candidates on website	07/01/2021	07/01/2021 (Up to 11.00 am)
7	Conduct of Admission Process	07/01/2021 (From 01.00 pm onwards)	08/01/2021 (Up to 05.00 pm)
8	Cut-off Date for all type of admissions for the Academic Year 2020-2021	08/01/2021	08/01/2021

Note-

- ✓ Candidate must be in person only.
- ✓ The candidate must bring e-SC Receipt cum Acknowledgment for admission.
- ✓ If candidate has already taken admission in other college, submit Provisional Allotment Letter with Receipt cum Acknowledgment of confirmation of Admission and Bonafied Certificate.
- ✓ The candidate should bring all original documents for the admission process.
- ✓ If candidate has already taken the admission in other college, he/she shall produce the original Bonafied Certificate and Xerox copies of all such documents attested by the Head /Principal of the concerned institute. Such candidate shall required to pay the fees at the time of admission
- ✓ And such candidate shall be permitted to submit the required original documents on or before" February 2021 (03.00pm) otherwise his admission will stand cancel and fees paid shall be forfeited.
- ✓ The candidate has to pay prescribed fees as finalized by Fees Regulating Authority at the time of admission.
- ✓ Candidate should cancel previous admission (if any) immediately at his/her own risk and cost to confirm the allotted admission in this institute.
- ✓ The round will be conducted as per the Admission Information broacher for Academic Year2020-21 issued by Government of Maharashtra Higher and Technical Education Department and Directorate of Technical Education Maharashtra State.

For more detail candidate can visit following websites:

- i) First Year D Pharmacy: <https://posthscdiploma2020.dtemaharashtra.gov.in/>
- ii) College Website: www.adcdp.in

Date: 04/01/2021

Place: Ashta

Mr. S.A.Desai

Principal

ANNEXURE-III

**Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of D Pharmacy, Ashta**

**List of Students Admitted under Against CAP
in the academic year 2020-21**

Sr.No.	Name of Candidate	Merit No	Gender	Category
1	CHOUGULE SANIKA SHIVLING	1	Female	Open
2	SURYAVANSHI PRANIT DILIP	2	Male	Open
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4	SHIKALGAR SANIYA AKIL	4	Female	NT-B
5	PARIT HARSHDA SANJAY	5	Female	OBC
6	THOMBARE HARSHAD SANJAY	6	Male	Open
7	GURAV POONAM ABHIMANYU	7	Female	OBC
8	MOMIN ALTAMASH ARIF	8	Male	OBC
9	PUJARI KAUSHAL VIJAY	9	Male	OBC
10	SURYAVANSHI RUSHIKESH HANMANT	10	Male	Open

**List of Students Admitted under Institute Seats
in the academic year 2020-21**

Sr.No.	Name of Candidate	Merit No	Gender	Category
1	KHOT RUTURAJ SANJEEV	1	Male	Open
2	WAGHMODE PRACHI RAJENDRA	2	Female	NT-C
3	SURYAWANSHI MANASVI SHASHIKANT	3	Female	SC
4	SHUBHAM NIVAS PAWAR	4	Male	Open
5	CHOUGULE SAMMED SANJAYKUMAR	5	Male	Open
6	PATIL SHIVTEJ RAJU	6	Male	Open
7	KULKARNI SANTOSH GANAPATI	7	Male	Open
8	WAYCHAL PRAJAKTA ANANDRAO	8	Female	OBC
9	SALUNKHE SAKSHI ASHOK	9	Female	Open
10	PATIL ABHIJEET VIJAYKUMAR	10	Male	Open
11	PRASHANT CHANDRASEN SHINDE	11	Male	NT-C
12	VISHVAJEET VIJAY KOKATE	12	Male	Open

Annexure IV

SYLLABUS

D.Pharm.

ORDINANCE, SCHEME & SYLLABUS FOR DIPLOMA IN PHARMACY

Course Title:	Diploma in Pharmacy
Abbreviation:	D. Pharm.
Type of Course:	A Two years Diploma course
Pattern:	Yearly
Award of the Degree:	Diploma will be awarded for those passing in both the years as per rules and regulations.

O-D. Ph. 1. DURATION OF THE COURSE: The duration of the course shall be for two academic years, with each academic year spread over a period of not less than one hundred and eighty working days in addition to 500 hours practical training spread over a period of not less than 3 months.

O-D. Ph.2. ELIGIBILITY FOR ADMISSION: No. Candidate shall be admitted to Diploma in Pharmacy Pt. I unless he/she had passed any of the following examinations in all the optional subjects and compulsory subjects (Physics, Chemistry, Biology and /or Mathematics including English as one of the Compulsory subjects):

- a) Intermediate examination in Science; The First Year of the three year degree course in Science; 10+2 Examination(Academic stream) in Science;
- b) Pre-degree examination; any other qualification approved by the Pharmacy Council of India as equivalent to any of the above exam.

Admission of candidates to the Diploma in Pharmacy Part - I shall be made in order of merit on the basis of 'Pre-Pharmacy Test' conducted in accordance with the scheme of Examinations and syllabus laid-down by the University.

O- D. Ph.3. ELIGIBILITY FOR APPEARING IN EXAMINATION

- (a) Eligibility for appearing at the Diploma in Pharmacy Part-I Examination: Only such candidates who produce-certificate from the Head of the Academic Institution in which he/she has undergone the Diploma in Pharmacy Part-I course, in proof of his/her having regularly and satisfactorily undergone the course of study by attending not less than 75% of the classes held both in theory and in practical separately in each, shall be eligible for appearing at the Diploma in Pharmacy (Part-I) examination.
- (b) Eligibility for appearing at the Diploma in Pharmacy Part-II Examination: Only such candidates who produce certificate from the Head of the academic institution in which he/she has undergone the Diploma in Pharmacy Part-II course, in proof of his/her having regularly and satisfactorily attending not less than 75% of the classes held both in theory and practicals separately in each subject, shall be eligible for appearing at the Diploma in Pharmacy (Part-II) examination.
- (c) A candidate can have a relaxation of 10% attendance on medical ground by producing a certificate from medical officer of government hospital and a 5% relaxation by the vice chancellor on the recommendation of Dean, faculty.

O-D. Ph. 4.GENERAL

(A) **Course of Study:** The course of study for Diploma in Pharmacy part-I and Diploma in pharmacy part-II shall include the subjects as given in the Tables I & II below. The number of hours devoted to each subject for its teaching is given against columns 2 and 3 of the Tables below.

TABLE-I Diploma in Pharmacy (Part-I)

Subject	Theory		Practical	
	hours /year	Hrs. / week	hours /year	Hrs. / week
Pharmaceutics-I	75	3	100	4
Pharmaceutical Chemistry-I	75	3	75	3
Pharmacognosy	75	3	75	3
Biochemistry & Clinical Pathology	50	2	75	3
Human Anatomy & Physiology	75	3	50	2
Health Education & community pharmacy	50	2		
	400	16	375	15

TABLE-II Diploma in Pharmacy (Part-II)

Subject	Theory		Practical	
	hours /year	Hrs. / week	hours /year	Hrs. / week
Pharmaceutics-II	75	3	100	4
Pharmaceutical Chemistry-II	100	4	75	3
Pharmacology & Toxicology	75	3	50	2
Pharmaceutical Jurisprudence	50	2	-	
Drug store and Business Management	75	3	-	
Hospital & Clinical Pharmacy	75	3	50	2
	450	18	275	11

(b) Examinations: There shall be an examination for Diploma in Pharmacy (part-I) to examine students of the first year course and an examination for Diploma in Pharmacy (part-II) to examine students of the second year course. Each examination may be held twice every year. The first examination in every year shall be the annual examination and the second examination shall be supplementary examination of the Diploma in Pharmacy (part-I) or Diploma in pharmacy (Part-II) as the case may be. The examinations shall be of written and practical (including oral) nature. Carrying maximum marks for each part of subject, as indicated in Table III and IV:R-29(A) (Plan and scheme of examination for Diploma in Pharmacy).

O-D. Ph.5. PRACTICAL TRAINING

Diploma in Pharmacy (Part-III)

(a) Period and other conditions of practical training:

After having appeared in Part-II examination of Diploma in Pharmacy conducted by Board/University or other approved examination Body or any other course accepted as being equivalent by the Pharmacy Council of India, a candidate shall be eligible to undergo practical training in one or more of the following institutions namely:

Hospitals/Dispensaries run by Central/State Government/Municipal corporations/ central Government Health scheme and Employees state Insurance scheme. A pharmacy, chemist and Druggist licensed under the Drugs and cosmetics Rules, 1945 made under the Drugs and Cosmetics Act, 1940(23 of 1940). The institutions referred in sub-regulation(1) shall be eligible to impart training subject to the condition that the number of student pharmacists that may be taken in any Hospital, pharmacy, Chemist and Druggist licensed under the Drugs and cosmetics Rules, 1945 made under the

Drugs and cosmetics Act,1940 shall not exceed two where there is one registered pharmacist engaged in the work in which the student pharmacist is under going practical training, where there is more than one registered pharmacist similarly engaged, the number shall not exceed one for each additional such registered pharmacist. Hospital and Dispensary other than those specified in sub-regulation(1)for the purpose of giving practical training shall have to be recognized by pharmacy council of India on fulfilling the conditions specified in Appendix-D to these regulations.

In the course of practical training, the trainees shall have exposure to: Working knowledge of keeping of records required by various acts concerning the profession of pharmacy and Practical experience in the manipulation of pharmaceutical apparatus in common use, the reading, translation and copying of prescription including checking of dose, the dispensing of prescriptions illustrating the commoner methods of administering medicaments; the storage of drugs and medical preparations. The practical training shall be not less than five hundred hours spread over a period of not less than three months provided that not less than two hundred and fifty hours and devoted to actual dispensing of prescriptions.

(b) Procedure to be followed prior to commencing of the training:

The head of the academic training institution, shall supply application in triplicate in' Practical Training Contract Form for Qualification as pharmacist' to candidate eligible to under-take the said practical training, the contract form shall be as specified in Appendix-E to these regulations.

The head of an academic training institution shall fill section I of the contract Form. The trainee shall fill section II of the said contract Form and the Head of the institution agreeing to impart the training (hereinafter referred to as the Apprentice Master) shall fill section III of the said contract Form.

It shall be the responsibility of the trainee to ensure that one copy (hereinafter referred to as the first copy of the contract Form)so filled is submitted to Head of the academic training institution and the other two copies(hereinafter referred to as the second copy and the third copy)shall be filled with Apprentice Master(if he so desires)or with the trainee pending completion of the training.

- (c) Certificate of Passing Diploma in Pharmacy(part-III) on satisfactory completion of the apprentice period, the Apprentice Master shall fill Section IV of the second copy and third copy of contract form and cause it to be sent to the head to the academic training institution who shall suitably enter in the first copy of the entries from the second copy and third copy and shall fill section V of the three copies of contract form and thereafter handover both the second copy and the third copy to the trainee. Thus, if completed in all respect, shall be regarded as a certificate of having successfully completed the course of Diploma in Pharmacy (part-III).

O-D. Ph.6. Working out of Result

(a) Mode of examinations:

Each theory and practical examination in the subject mentioned in Table-III and IV shall be of three hours duration. A candidate who fails in theory or practical examination shall reappear in such theory or practical paper(s) as the case may be. Practical examination shall also consist of viva voce (oral) examination.

(b) Award of sessional marks and maintenance of records:

A regular record of both theory and practical class work and examinations conducted in an institution imparting training for Diploma in Pharmacy Part-I and Diploma in pharmacy Part-II courses, shall be maintained for each student in the institution and 20 marks for each theory and 20 marks for each practical subject shall be allotted as sessional.

There shall be at least three periodic sessional examinations during each academic year. The highest aggregate of any two performances shall form the basis of calculating sessional marks.

The sessional marks in practicals shall be allotted on the following basis:

Actual performance in the sessional examination.	10
Day to day assessment in the practical class work.	10

- (c) Minimum marks for passing the examination: A student shall not be declared to have passed Diploma in Pharmacy examination unless he/she secures atleast 40% marks in each of the subject separately in theory examination, including sessional marks and atleast 40% marks in each of the practical examination including sessional marks. The candidates securing 60% marks or above in aggregate in

all subjects in a single attempt at the Diploma in Pharmacy (part-I) or Diploma in Pharmacy (part-II) examinations shall be declared to have passed in first class the Diploma in Pharmacy (part-I) or Diploma in Pharmacy (part-II) examinations, as the case may be. Candidates securing 75% marks or above in any subject or subjects provided he/she passes in all the subjects in single attempt, will be given distinction in that subjects(s).

- (d) Eligibility for Promotion to Diploma in Pharmacy (Pt. II): All candidates who have appeared for all the subjects and passed the Diploma in pharmacy part-I class. However failure in more than two subjects (each Theory paper or practical examination shall be considered as a subject) shall debar him/her from promotion to the Diploma in Pharmacy Part-II class. Such candidates shall be examined in the failing subjects only at subsequent. A candidate who fails to pass D Pharm Part - I exam. in four attempts shall not allowed to continue the course.
- (e) Improvement of sessional marks: Candidates who wish to improve sessional marks can do so by appearing in two additional sessional examinations during the next academic year. The average score of the two examinations shall be the basis for improved sessional marks in theory. The sessional of practicals shall be improved by appearing in additional practical examinations. Marks awarded to a candidate for day to day assessment in the practical class, can not be improved unless he/she attends regular course of study again.
- (f) Certificate of passing examination for Diploma in Pharmacy (part-II): Certificate of having passes the examination for the Diploma in pharmacy Part-II shall be granted by the Examining Authority to a successful student.
- (g) Certificate of Diploma in Pharmacy: A certificate of Diploma in pharmacy shall be granted by the Examining Authority to successful candidate on producing certificate of having passed the Diploma in Pharmacy part-I and Part-II and satisfactory completion of practical training for Diploma in pharmacy (part-III).
- (h) The chairman and at least one expert member of examining committee of the Examining Authority Concerned with appointment of examiners and conduct of pharmacy examination should be persons possessing pharmacy Qualifications.

PLAN AND SCHEME OF EXAMINATION FOR THE DIPLOMA IN PHARMACY

(Based on effective teaching for 180 working days in one academic session)

Table-III Diploma in pharmacy (part-I) Examination

Subject	Max. Marks in Theory			Max. Marks in Practical		
	Examination	Sessional	Total	Examination	Sessional	Total
Pharmaceutics-I	80	20	100	80	20	100
Pharmaceutical Chemistry-I	80	20	100	80	20	100
Pharmacognosy	80	20	100	80	20	100
Biochem. & Clinical Pathology	80	20	100	80	20	100
Human Anatomy & Physiology	80	20	100	80	20	100
Health Education & community pharmacy	80	20	100			
			600			500

TABLE-IV Diploma in Pharmacy (Part-II)

Subject	Max. Marks in Theory			Max. Marks in Practical		
	Examination	Sessional	Total	Examination	Sessional	Total
Pharmaceutics-II	80	20	100	80	20	100
Pharmaceutical Chemistry-II	80	20	100	80	20	100
Pharmacology & Toxicology	80	20	100	80	20	100
Pharmaceutical Jurisprudence	80	20	100			
Drug store and Business Management	80	20	100			
Hospital & Clinical Pharmacy	80	20	100	80	20	100
			600			400

Note: Each paper shall consist of six questions out of which five shall be attempted. Half of the total number of papers in each year will be set and assessed by external examiners and the remaining half will be set and assessed by the internal examiners. There shall be one external and one internal examiner for each practical Examination.

SYLLABUS

DIPLOMA IN PHARMACY (PART-I)

1.1 PHARMACEUTICS I

Theory (75 Hours)

Introduction of different dosage forms. Their classification with examples-their relative applications. Familiarization with new drug delivery systems. Introduction to Pharmacopoeias with special reference to the Indian Pharmacopoeia.

Metrology-System of weights and measures. Calculations including conversion from one to another system. Percentage calculations and adjustment of products .Use of alligation method in calculations .Isotonic solutions.

Packaging of pharmaceuticals-Desirable features of a container and types of containers. Study of glass & plastics as materials for containers and rubber as a material for closure-their merits and demerits. Introduction to aerosol packaging. Size reduction, objectives, and factors affecting size reduction, methods of size reduction- study of Hammer mill, ball mill, Fluid energy mill and Disintegrator.

Size separation-size separation by sifting. Official standards for powders. Sedimentation methods of size separation. Construction and working of Cyclone separator.

Mixing and Homogenization-Liquid mixing and powder mixing, Mixing of semisolids. Study of silverson Mixer-Homogenizer, planetary Mixer; Agitated powder mixer; Triple Roller Mill; Propeller Mixer, colloid Mill and Hand Homogeniser. Double cone mixer.

Clarification and Filtration-Theory of filtration, Filter media; Filter aids and selection of filters. Study of the following filtration equipments-Filter Press, sintered filters, Filter candles, Metafilter.

Extraction and Galenicals-

(a) Study of percolation and maceration and their modification, continuous hot extraction-Application in the preparation of tinctures and extracts.

(b) Introduction to Ayurvedic dosage forms. Heat process-Evaporation-Definition-Factors affecting evaporation-study of evaporating still and Evaporating pan.

Distillation-Simple distillation and Fractional distillation, steam distillation and vacuum distillation. Study of vacuum still, preparation of purified water I.P. and water for Injection I.P. construction and working of the still used for the same.

Introduction to drying process-Study of Tray Dryers; Fluidized Bed Dryer, Vacuum Dryer and Freeze Dryer.

Sterilization-Concept of sterilization and its differences from disinfection-Thermal resistance of microorganisms. Detailed study of the following sterilization process. Sterilization with moist heat, Dry heat sterilization, Sterilization by radiation, Sterilization by filtration and Gaseous sterilization.

Aseptic techniques-Applications of sterilization process in hospitals particularly with reference to surgical dressings and intravenous fluids. Precautions for safe and effective handling of sterilization equipment.

Processing of Tablets-Definition; different type of compressed tables and their properties. Processes involved in the production of tablets; Tablets excipients ; Defects in tablets; Evaluation of Tablets; Physical standards including Disintegration and Dissolution. Tablet coating-sugar coating; films coating, enteric coating and micro-encapsulation (Tablet coating may be de.. in an elementary manner).

Processing of Capsules-Hard and soft gelatin capsules; different sizes of capsules; filling of capsules; handling and storage of capsules. Special applications of capsules.

Study of immunological products like sera, vaccines, toxoids & their preparations.

PRACTICAL (100 hours)

Preparation (minimum number stated against each of the following categories illustrating different techniques involved.

1. Aromatic waters³
2. Solutions⁴
3. Spirits²
4. Tinctures⁴
5. Extracts²
6. Creams²
7. Cosmetic preparations³
8. Capsules²
9. Tables²
10. Preparations involving²
11. Ophthalmic preparations²
12. Preparations involving aseptic techniques²

Books recommended:(Latest editions)

- 1.) Remington's Pharmaceutical Sciences.
- 2.) The Extra Pharmacopoeia-Martindale.

1.2 PHARMACEUTICAL CHEMISTRY-I

THEORY (75 Hours)

General discussion on the following inorganic compounds including important physical and chemical properties, medicinal and pharmaceutical uses, storage conditions and chemical incompatibility.

Acids, bases and buffers-Boric acid, Hydrochloric acid, Strong Ammonium hydroxide, Sodium hydroxide and official buffers.

Antioxidants- Hypophosphorous acid, Sulphur dioxide, Sodium bisulphite, Sodium meta-bisulphite, Sodium thiosulphate, Nitrogen and Sodium nitrite.

Gastrointestinal agents-

Acidifying agents- Dilute Hydrochloric acid.

Antacids- Sodium bicarbonate, Aluminum hydroxide gel, Aluminum phosphate, Calcium carbonate, Magnesium carbonate, Magnesium trisilicate, Magnesium oxide, Combinations of antacid preparations.

Protective and Adsorbents- Bismuth sub carbonate and Kaolin.

Saline cathartics- Sodium potassium tartrate and Magnesium sulphate.

Topical Agents-

Protective- Talc, Zinc Oxide, Calamine, Zinc stearate, Titanium dioxide, silicone polymers.

Antimicrobials and Astringents- Hydrogen peroxide*, Potassium permanganate, Chlorinated lime, Iodine, Solutions of Iodine, Povidone-iodine, Boric acid, Borax, Silver nitrate, Mild silver protein, Mercury yellow, Mercuric oxide, Ammoniated mercury.

Sulphur and its compounds- Sublimed sulphur, Percipitated sulphur, Selenium sulphide.

Astringents- Alum and Zinc Sulphate.

Dental Products- Sodium fluoride, Stannous fluoride, Calcium carbonate, Sodium meta phosphate, Dicalcium phosphate, Strontium chloride, Zinc chloride.

Inhalants- Oxygen, Carbon dioxide, Nitrous oxide.

Respiratory stimulants- Ammonium carbonate.

Expectorants and Emetics- Ammonium chloride*, Potassium iodide, Antimony potassium tartrate.

Antidotes- Sodium nitrite.

Major Intra and Extra cellular electrolytes-

Electrolytes used for replacement therapy- Sodium chloride and its preparations, Potassium chloride and its preparations.

Physiological acid-base balance and electrolytes used- Sodium acetate, Potassium Acetate, Sodium bicarbonate Inj., Sodium citrate, Potassium citrate, Sodium lactate injection, Ammonium chloride and its injection.

Combination of oral electrolyte powders and solutions.

Inorganic official compounds of Iron, Iodine and Calcium, Ferrous Sulphate and Calcium Gluconate.

Radio pharmaceuticals and contrast media- Radio activity-Alpha; Beta and Gamma Radiations, Biological effects of radiations, Measurement of radio activity, G.M. Counter, Radio isotopes-their uses, Storage and precautions with special reference to the official preparations. Radio opaque contrast media- Barium sulfate.

Quality control of Drugs and pharmaceuticals- Importance of quality control, significant errors, methods used for quality control, sources of impurities in pharmaceuticals. Limit tests for Arsenic, Chloride, Sulfate, Iron and Heavy metals.

Identification tests for cations and anions as per Indian Pharmacopoeia.

PRACTICAL (75 hours)

1. Identification tests for inorganic compounds particularly drugs and pharmaceuticals.
2. Limit test for chloride, Sulfate, Arsenic, Iron and Heavy metals.
3. Assay of inorganic pharmaceuticals involving each of the following methods of compounds marked with (*) under theory.
 - i. Acid-Base titrations(at least 3)
 - ii. Redox titrations (one each of permanganometry and iodimetry).
 - iii. Precipitation titrations (at least 2)
 - iv. Complexometric titration (Calcium and Magnesium).

Books recommended (Latest editions)

1. Indian pharmacopoeia.

1.3 PHARMACOGNOSY

THEORY (75 Hours)

1. Definition, history and scope of Pharmacognosy including indigenous system of medicine.
2. Various systems of classification of drugs and natural origin.
3. Adulteration and drug evaluation; significance of pharmacopoeial standards.
4. Brief outline of occurrence, distribution, outline of isolation, identification tests, therapeutic effects and pharmaceutical application of alkaloids, terpenoids, glycosides, volatile oils, tannins and resins.
5. Occurrence, distribution, organoleptic evaluation, chemical constituents including tests wherever applicable and therapeutic efficacy of following categories of drugs.

- (a) **Laxatives**- Aloes, Rhubarb, Castor oil, Ispaghula, Senna.
- (b) **Cardiotonics**- Digitalis, Arjuna.
- (c) **Carminatives & G.I. regulators**- Umbelliferous fruits, Coriander, Fennel, Ajowan, Cardamom, Ginger, Black pepper, Asafoetida, Nutmeg, Cinnamon, Clove.
- (d) **Astringents**- Catechu.
- (e) **Drugs acting on nervous system**- Hyoscyamus, Belladonna, Aconite, Ashwagandha, Ephedra, Opium, Cannabis, Nux -vomica.
- (f) **Antihypertensive**- Rauwolfia.
- (g) **Antitussives**- Vasaka, Tolu balsam, Tulsi.
- (h) **Antirheumatics**- Guggal, Colchicum.
- (i) **Antitumour**- Vinca.
- (j) **Antileprotics**- Chaulmoogra oil.
- (k) **Antidiabetics**- Pterocarpus, Gymnema sylvestro.
- (l) **Diuretics**- Gokhru, Punarnava.
- (m) **Antidysenterics**- Ipecacuanha.
- (n) **Antiseptics and disinfectants**- Benzoin, Myrrh, Neem, Curcuma.
- (o) **Antimalarials**- Cinchona.
- (p) **Oxytocics**- Ergot.
- (q) **Vitamins**- Shark liver oil and Amla.
- (r) **Enzymes**- Papaya, Diastase, Yeast.
- (s) **Perfumes and flavoring agents**- peppermint oil, Lemon oil, Orange oil, lemon grass oil, sandal wood.

Pharmaceutical aids-Honey, Arachis oil, starch, kaolin, pectin, olive oil. Lanolin, Beeswax, Acacia, Tragacanth, sodium Alginate, Agar, Guar gum, Gelatin.

Miscellaneous- Liquorice, Garlic, picrorhiza, Dirscorea, Linseed, shatavari, shankpushpi, pyrethrum, Tobacco.

Collection and preparation of crude drugs for the market as exemplified by Ergot, opium, Rauwolfia, Digitalis, senna.

Study of source, preparation and identification of fibers used in sutures and surgical dressings-cotton, silk, wool and regenerated fibers.

Gross anatomical studies of-senna, Datura, cinnamon, cinchona, fennel, clove, Ginger, Nuxvomica & ipecacuanha.

PRACTICAL (75 hours)

1. Identification of drugs by morphological characters. Physical and chemical tests for evaluation of drugs wherever applicable.
2. Gross anatomical studies(t.s.)of the following drugs :Senna, Datura, cinnamon, cinchona, coriander, fennel, clove, Ginger, Nux-vomica, Ipecacuanha.
3. Identification of fibers and surgical dressing.

1.4 BIOCHEMISTRY AND CLINICAL PATHOLOGY

THEORY (50 Hours)

Introduction to biochemistry. Brief chemistry and role of proteins, polypeptides and amino acids, classification, Qualitative tests, Biological value, Deficiency diseases.

Carbohydrates: Brief chemistry and role of carbohydrates, classification, qualitative tests, Diseases related to carbohydrate metabolism.

Lipids: Brief chemistry and role of lipids, classification and qualitative tests. Diseases related to lipids metabolism.

Vitamins: Brief chemistry and role of vitamins and coenzymes. Role of minerals and water in life processes.

Enzymes: Brief concept of enzymatic action. factors affecting it.

Therapeutics: Introduction to pathology of blood and urine. Lymphocytes and platelets, their role in health and disease. Erythrocytes-Abnormal cells and their significance. Abnormal constituents of urine and their significance in diseases.

PRACTICAL (75 Hours)

1. Detection and identification of proteins. Amino acids, carbohydrates and lipids.
2. Analysis of normal and abnormal constituents of Blood and Urine (Glucose, urea, creatine, creatinine, cholesterol, alkaline phosphatase acid phosphatase, Bilirubin, SGPT, SGOT, calcium, Diastase, Lipase).
3. Examination of sputum and faeces (microscopic & staining).
4. Practice in injecting drugs by intramuscular, subcutaneous and intravenous routes, withdrawal of blood samples.

1.5 HUMAN ANATOMY AND PHYSIOLOGY

THEORY(75 Hours)

Scope of Anatomy and physiology. Definition of various terms used in Anatomy. Structure of cell, function of its components with special reference to mitochondria and microsomes.

Elementary tissues: Elementary tissues of the body, i.e. epithelial tissue, muscular tissue, connective tissue and nervous tissue.

Skletal System: Structure and function of Skelton .Classification of joints and their function. Joint disorders.

Cardiovascular System: Composition of blood, functions of blood elements. Blood group and coagulation of blood. Brief information regarding disorders of blood. Name and functions of lymph glands. Structure and functions of various parts of the heart .Arterial and venous system with special reference to the names and positions of main arteries and veins. Blood pressure and its recording. Brief information about cardiovascular disorders.

Respiratory system: Various parts of respiratory system and their functions, physiology of respiration.

Urinary System: Various parts of urinary system and their functions, structure and functions of kidney. Physiology of urine formation. Patho-physiology of renal diseases and edema.

Muscular System: Structure of skeletal muscle, physiology of muscle contraction. Names, positions, attachments and functions of various skeletal muscles. physiology of neuromuscular junction.

Central Nervous System: Various parts of central nervous system, brain and its parts, functions and reflex action. Anatomy and physiology of automatic nervous system.

Sensory Organs: Elementary knowledge of structure and functions of the organs of taste, smell, ear, eye and skin. Physiology of pain.

Digestive System: names of various parts of digestive system and their functions. structure and functions of liver, physiology of digestion and absorption.

Endocrine System: Endocrine glands and Hormones. Location of glands, their hormones and functions. pituitary, thyroid. Adrenal and pancreas

Reproductive system: Physiology and Anatomy of Reproductive system.

PRACTICALS (50 hours)

1. Study of the human Skelton.
2. Study with the help of charts and models of the following system and organs:
Digestive system Respiratory system Ear
Cardiovascular system Urinary system
Reproductive system Eye
3. Microscopic examination of epithelial tissue, cardiac muscle, smooth muscle, skeletal muscle. Connective tissue and nervous tissues.
4. Examination of blood films for TLC.DLC and malarial parasite.
5. Determination of RBCs, clotting time of blood, erythrocyte sedimentation rate and Hemoglobin value.
6. Recording of body temperature, pulse, heart-rate, blood pressure and ECG.

1.6 HEALTH EDUCATION AND COMMUNITY PHARMACY

THEORY (50 hours)

Concept of health: Definition of physical health, mental health, social health, spiritual health determinants of health, indicatory of health, concept of disease, natural history of diseases, the disease agents, concept of prevention of diseases.

Nutrition and health: Classification of foods, requirements, diseases induced due to deficiency of proteins, vitamins and minerals-treatment and prevention.

Demography and family planning: Demography cycle, fertility, family planning, contraceptive methods, behavioral methods, natural family planning methods, chemical methods, mechanical methods, hormonal contraceptives, population problem of India.

First aid: Emergency treatment in shock, snake-bite, burns, poisoning, heart disease, fractures and resuscitation methods, Elements of minor surgery and dressings.

Environment and health: Source of water supply, water pollution, purification of water, health and air, noise, light-solid waste disposal and control-medical entomology, arthropod borne diseases and their control. rodents, animals and diseases.

Fundamental principles of microbiology: Classification of microbes, isolation, staining techniques of organisms of common diseases.

Communicable diseases: Causative agents, mode of transmission and prevention. Respiratory infections-chicken pox, measles, influenza, diphtheria, whooping cough and tuberculosis.

Intestinal infection-poliomyelitis, Hepatitis, cholera, Typhoid, food poisoning, Hookworm infection.

Arthropod borne infections-plague, Malaria, filariases.

Surface infection-Rabies, Trachoma, Tetanus, Leprosy.

Sexually transmitted diseases-Syphilis, Gonorrhoea, AIDS.

Non-communicable diseases: causative agents, prevention, care and control.

Epidemiology: Its scope, methods, uses, dynamics of disease transmission. Immunity and immunization: Immunological products and their dose schedule. Principles of disease control and prevention, hospital acquired infection, prevention and control. Disinfection, types of disinfection procedures, for-faces, urine, sputum, room linen, dead-bodies, instruments.

2.1 PHARMACEUTICS II (Dispensing Pharmacy)

THEORY (75 Hours)

Prescriptions-Reading and understanding of prescriptions; Latin terms commonly used (Detailed study is not necessary), Modern methods of prescribing, adoption of metric system. Calculations involved in dispensing.

Incompatibilities in prescriptions- study of various types of incompatibilities-physical, chemical and therapeutic.

Posology- Dose and dosage of drugs, factors influencing dose, calculations of doses on the basis of age, sex, surface area and veterinary doses.

Dispensed Medications: (Note: A detailed study of the following dispensed medication is necessary. Methods of preparation with theoretical and practical aspects, use of appropriate containers and closures. special labeling requirements and storage conditions should be high-lighted).

Powders-Type of powders-Advantages and disadvantages of powders, Granules, cachets and tablet triturates. preparation of different types of powders encountered in prescriptions. Weighing methods, possible errors in weighing, minimum weighable amounts and weighing of a material below the minimum weighable amount, geometric dilution and proper usage and care of dispensing balance.

Liquid oral Dosage forms:

Monophasic-Theoretical aspects including commonly used vehicles, essential adjuvant like stabilizers, colorants and flavors, with examples.

Review of the following monophasic liquids with details of formulation and practical methods. Liquids for internal administration Liquids for external administration or used on mucous membranes

Mixtures and concentrates, Gargles

Syrups Mouth washes

Throat-paints

Elixirs

Douches

Ear Drops

Nasal drops

Sprays

Liniments

Lotions.

Biphasic Liquid Dosage Forms:

Suspensions (elementary study)-Suspensions containing diffusible solids and liquids and their preparations. Study of the adjuvant used like thickening agents, wetting agents, their necessity and quantity to be incorporated ,suspensions of precipitate forming liquids like tinctures, their preparations and stability. suspensions produced by chemical reaction. An introduction to flocculated /non-flocculated suspension system.

Emulsions-Types of emulsions, identification of emulsion system, formulation of emulsions, selection of emulsifying agent. Instabilities in emulsions, preservation of emulsions.

Semi-Solid Dosage Forms:

Ointments: Types of ointments, classification and selection of dermatological vehicles. Preparation and stability of ointments by the following processes:

Trituration

fusion

chemical reaction

Emulsification.

Pastes: Differences between ointments and pastes, Bases of pastes. preparation of pastes and their preservation .

Jellies: An introduction to the different types of jellies and their preparation.

An elementary study of poultice.

Suppositories and peassaries-Their relative merits and demerits, types of suppositories, suppository bases , classification, properties. preparation and packing of suppositories. Use of suppositories of drug absorption.

Dental and cosmetic preparations: Introduction to Dentifrices, facial cosmetics, Deodorants. Anti-perspirants, shampoo, Hair dressings and Hair removers.

Sterile Dosage forms:

Parenteral dosage forms-Definition, General requirements for parenteral dosage forms. Types of parenteral formulations, vehicles, adjuvant, processing and personnel, Facilities and quality control. Preparation of Intravenous fluids and admixtures-Total parenteral nutrition, Dialysis fluids.

Sterility testing: particulate matter monitoring- Faculty seal packaging.

Ophthalmic products: study of essential characteristics of different ophthalmic preparations. Formulation: additives, special precautions in handling and storage of ophthalmic products.

PRACTICAL (100 hours)

Dispensing of at least 100 products covering a wide range of preparations such as mixtures, emulsion, solutions, liniments, E.N.T. preparations. Ointments, suppositories, powders, incompatible prescriptions etc.

Books recommended: (Latest editions)

1. Indian Pharmacopoeia.
2. British pharmacopoeia.
3. National formularies(N.F.I.,B.N.P)
4. Remington's pharmaceutical sciences.
5. Martindale's Extra pharmacopoeia.

2.2 PHARMACEUTICAL CHEMISTRY II

THEORY (100 hours)

1. Introduction to the nomenclature of organic chemical systems with particular reference to hetero-cyclic system containing up to 3 rings.
2. The chemistry of following pharmaceutical organic compounds covering their nomenclature, chemical structure, uses and the important physical and chemical properties(chemical structure of only those compounds marked with asterisk (*). The stability and storage conditions and the different type of pharmaceutical formulations of these drugs and their popular brand names.

Antiseptics and Disinfectants-Proflavine*, Benzalkonium chloride, Cetrimide, Phenol, chloroxylenol, Formaldehyde solution, Hexachlophene, Nitrofurantoin.

Sulphonamides- Sulphadiazine, Sulphaguanidine, Phthalylsulphathiazole, Succinylsulphathiazole, Sulphadimethoxine, Sulphamethoxyipyridazine, Co-trimoxazole, sulfacetamide*

Antileprotic Drugs- Clofazimine , Thiambutosine, Dapsone*, solapsone,

Anti-tubercular Drugs- Isoniazid*, PAS*, Streptomycin, Rifampicin, Ethambutol*, Thiacetazone, Ethionamide, cycloserine, pyrazinamide*.

Antimoebic and Anthelmintic Drugs- Emetine, Metronidazole, Halogenated hydroxyquinolines, Diloxanide furoate, Paromomycin , Piperazine*, Mebendazole ,D.E.C.*

Antibiotics- Benzyl penicillin*, Phenoxy methyl penicillin*, Benzathine penicillin, Ampicillin*, Cloxacillin, Carbencicillin, Gentamicin, Neomycin, Erythromycin, Tetracycline, Cephalixin, Cephaloridine, Cephalothin, Griseofulvin, Chloramphenicol.

Antifungal agents- Udecylenic acid, Tolnaftate, Nystatin, Amphotericin, Hamycin.

Antimalarial Drugs-Chloroquine*,Amodiaquine, Primaquine, Proguanil, Pyrimethamine*, Quinine, Trimethoprim.

Tranquilizers-Chlorpromazine*, Prochlorperazine, Trifluoperazine, Thiothixene, Haloperidol*, Triperidol, Oxypertine, Chlordizepoxide, Diazepam*, Lorazepam, Meprobamate.

Hypnotics- Phenobarbitone*, Butobarbitone, Cyclobarbitone, Nitrazepam, Glutethimide*, Methypylon, Paraldehyde, Triclofosodium.

General Anaesthetics-Halothane*, Cyclopropane*, Diethyl ether*, Methohexital sodium, Thiopecal sodium, Trichloroethylene .

Antidepressant Drugs- Amitriptyline, Nortriptyline, Imperamine*, Phepeltine, Tranlycypromine.

Analeptics- Theophylline, Caffeine*, Coramine*, Dextro-amphetamine.

Adrenergic drugs- Adrenaline*, Noradrenaline, Isoprenaline*, Phenylephrine, Salbutamol, Terbutaline, Ephedrine*, Pseudoephedrine.

Adrenergic antagonist- Tolazoline, Propranolol*, Practolol.

Cholinergic Drugs- Neostigmine*, Pyridostigmine, Pralidoxime, Pilocarpine, Physostigmine*.

Cholinergic Antagonists- Atropine*, Hyoscine, Homatropine, Propantheline*, Benztropine, Tropicamide, Biperiden*.

Diuretic Drugs- Furosemide*, Chlorothiazide, Hydrochlorothiazide*, Benzthiazide, Urea*, Mannitol*, Ethacrynic Acid.

Cardiovascular Drugs- Ethylnitrite*, Glyceryl trinitrate, Alpha methyl dopa, Guanethidine, Clofibrate, Quinidine.

Hypoglycemic Agents- Insulin, Chlorpropamide*, Tolbutamide, Glibenclamide, Phenformin*, Metformin.

Coagulants and Anti coagulants- Heparin, Thrombin, Menadione*, Bisphydroxy-coumarin, Warfarin sodium.

Local Anaesthetics- Lignocaine*, Procaine*, Benzocaine,

Histamine and anti Histaminic Agents- Histamine, Diphenhydramine*, Promethazine, Cyproheptadine, Mepyramine*, Pheniramine, Chlorpheniramine*,

Analgesics and Anti-pyretics- Morphine, Pethidine, Codeine, Methadone, Aspirin*, Paracetamol, Analgin, Dextropropoxphene, Pentazocine.

Non-steroidal anti-inflammatory agents- Indomethacin*, Phenylbutazone*, Oxyphenbutazone, Ibuprofen.

Thyroxine and Antithyroids- Thyroxine*, Methimazole, Methyl thiouracil, Propylthiouracil.

Diagnostic Agents- Lopanoic Acid, Propylidone, Sulfobromophthalein-sodium, Indigotindisulfonate, Indigo Carmine, Evans blue, Congo Red, Fluorescein sodium.

Anticonvulsants, cardiac glycosides, Antiarrhythmic, Antihypertensives & Vitamins.

Steroidal Drugs- Betamethasone, Cortisone, Hydrocortisone, Prednisolone, Progesterone, Testosterone, Oestradiol, Nandrolone.

Anti-Neoplastic Drugs- Actinomycin, Azathioprine, Busulphan, Chloramubucil, Cisplatin, Cyclophosphamide, Daunorubicin Hydrochloride, Fluorouracil, Mercaptopurine, Methotrexate, Mytomycin.

Books Recommended: (Latest editions)

1. Pharmacopoeia of India.
2. British Pharmaceutical codex.
3. Martindale's Extra pharmacopoeia.

PRACTICAL (75 hours)

1. Systematic qualitative testing of organic drugs involving solubility determination, melting point and/or boiling point, detection of elements and functional groups (10 compounds).
2. Official identification tests for certain groups of drugs included in the I.P. like barbiturates, sulfonamides, Phenothiazines, Antibiotics etc.(8 compounds).
3. Preparation of three simple organic preparations.

2.3 PHARMACOLOGY & TOXICOLOGY

THEORY (75 hours)

Introduction to pharmacology, scope of pharmacology.

Routes of administration of drugs, their advantages and disadvantages. Various processes of absorption of drugs and the factors affecting them. Metabolism, distribution and excretion of drugs.

General mechanism of drugs action and their factors which modify drugs action. Pharmacological classification of drugs. The discussion of drugs should emphasize the following aspects:

Drugs acting on the central Nervous system:

General anaesthetics- adjunction to anaesthesia, intravenous anaesthetics.
Analgesic antipyretics and non-steroidal
Anti-inflammatory drugs- Narcotic analgesics.
Antirheumatic and anti-gout remedies.
Sedatives and Hypnotics, psychopharmacological agents, anticonvulsants, analeptics.
Centrally acting muscle relaxants and anti parkinsonism agents.
Local anesthetics.
Drugs acting on autonomic nervous system.
Cholinergic drugs, Anticholinergic drugs, anticholinesterase drugs.
Adrenergic drugs and adrenergic receptor blockers.
Neurone blockers and ganglion blockers.
Neuromuscular blockers, used in myasthenia gravis.
Drugs acting on eye: Mydriatics, drugs used in glaucoma.

Drugs acting on respiratory system

Respiratory stimulants, Bronchodilators, Nasal decongestants, Expectorants and Antitussive agents.

Autocoids: physiological role of histamine and serotonin, Histamine and Antihistamines, prostaglandins.

Cardio vascular drugs

Cardiotonics, Antiarrhythmic agents, Anti-anginal agents, Antihypertensive agents, peripheral Vasodilators and drugs used in atherosclerosis.

Drugs acting on the blood and blood forming organs. Haematinics, coagulants and anticoagulants, Haemostatic , Blood substitutes and plasma expanders.

Drugs affecting renal function- Diuretics and anti-diuretics.

Hormones and hormone antagonists- Hypoglycemic agents, Anti--thyroid drugs, sex hormones and oral contraceptives , corticosteroids.

Drugs acting on digestive system-carminatives, digest ants, Bitters, Antacids and drugs used in peptic ulcer, purgatives ,and laxatives, Antidiarrhoeals, Emetics, Anti-emetics, Antispasmodics.

Chemotherapy of microbial diseases:

Urinary antiseptics, sulphonamides, penicillin, streptomycin, Tetracyclines and other antibiotics. Anti-tubercular agents, Antifungal agents, antiviral drugs, anti-leprotic drugs.

Chemotherapy of protozoal diseases, Anthelmintic drugs.

Chemotherapy of cancer.

Disinfectants and antiseptics.

PHARMACOLOGY

PRACTICAL (50 hours)

1. The first six of the following experiments will be done by the students while
2. the remaining will be demonstrated by the teacher.
3. Effect of potassium and calcium ions, acetylcholine and adrenaline on frog's heart.
4. Effect of acetyl choline on rectus abdomens muscle of frog and guinea pig ileum.
5. Effect of spasmogens and relaxants on rabbits intestine.
6. Effect of local anaesthetics on rabbit cornea.
7. Effect of mydriatics and miotics on rabbit's eye.
8. To study the action of strychnine on frog.
9. Effect of digitalis on frog's heart.
10. Effect of hypnotics in mice.

11. Effect of convulsants and anticonvulsant in mice or rats.
12. Test for pyrogens.
13. Taming and hypnosis potentiating effect of chlorpromazine in mice/rats.
14. Effect of diphenhydramine in experimentally produced asthma in guinea pigs.

2.4 PHARMACEUTICAL JURISPRUDENCE

THEORY (50 hours)

Origin and nature of pharmaceutical legislation in India, its scope and objectives. Evolution of the "Concept of pharmacy" as an integral part of the Health care system.

Principles and significance of professional Ethics. Critical study of the code of pharmaceutical Ethics drafted by pharmacy council of India.

Pharmacy Act,1948-The General study of the pharmacy Act with special reference to Education Regulations ,Working of state and central councils, constitution of these councils and functions, Registration procedures under the Act.

The Drugs and Cosmetics Act,1940-General study of the Drugs and cosmetics Act and the Rules there under. Definitions and salient features related to retail and whole sale distribution of drugs. The powers of Inspectors, the sampling procedures and the procedure and formalities in obtaining licenses under the rule. Facilities to be provided for running a pharmacy effectively. General study of the schedules with special reference to schedules C,C1,F,G,J,H,P and X and salient features of labeling and storage conditions of drugs.

The Drugs and Magic Remedies (objectionable Advertisement)Act, 1954-General study of the Act, objectives , special reference to be laid on Advertisements, magic remedies and objections¹ and permitted advertisements -diseases which cannot be claimed to be cured.

Narcotic Drugs and psychotropic substances Act,1985-A brief study of the act with special reference to its objectives, offences and punishment.

Brief introduction to the study of the following acts:

Latest Drugs (price control) order in force.

Poisons Act 1919(as amended to date)

Medicinal and Toilet preparations (excise Duties) Act, 1955 (as amended to date).

Medical Termination of Pregnancy Act, 1971(as amended to date).

Books recommended:(Latest editions)

Bare Acts of the said laws published by Government.

2.5 DRUG STORE AND BUSINESS MANAGEMENT

THEORY (75 hours)

Part I Commerce (50 hours)

Introduction-Trade, Industry and commerce, Functions and subdivision of commerce, Introduction to Elements for Economics and Management. Forms of Business Organizations. Channels of Distribution.

Drug House Management-selection of site, space Lay-out and legal requirements. Importance and objectives of purchasing, selection of suppliers, credit information, tenders, contracts and price determination and legal requirements thereto. Codification, handling of drug stores and other hospital supplies. Inventory Control-objects and importance, modern techniques like ABC, VED analysis, the lead time, inventory carrying cost, safety stock, minimum and maximum stock levels, economic order quantity, scrap and surplus disposal.

Sales promotion, Market Research, Salesmanship, qualities of a salesman, Advertising and Window Display.

Recruitment, training, evaluation and compensation of the pharmacist.

Banking and Finance-Service and functions of bank, Finance planning and sources of finance.

Part II Accountancy (25 hours)

Introduction to the accounting concepts and conventions. Double entry Book Keeping, Different kinds of accounts. Cash Book. General Ledger and Trial Balance. Profit and Loss Account and Balance Sheet. Simple techniques of analyzing financial statements. Introduction to Budgeting.

Books Recommended: (Latest editions)

2.6 HOSPITAL AND CLINICAL PHARMACY

THEORY (75 hours)

Part-I: Hospital Pharmacy:

Hospital-Definition, Function, classifications based on various criteria, organization, Management and health delivery system in India.

Hospital Pharmacy: Definition Functions and objectives of Hospital pharmaceutical services. Location, Layout, Flow chart of materials and men.

Personnel and facilities requirements including equipments based on individual and basic needs. Requirements and abilities required for Hospital pharmacists.

Drug Distribution system in Hospitals. Out-patient service,

In-patient services- types of services detailed discussion of unit Dose system, Floor ward stock system, satellite pharmacy services, central sterile services, Bed side pharmacy.

Manufacturing: Economical considerations, estimation of demand.

Sterile manufacture-Large and small volume parenterals, facilities, requirements, layout production planning, man-power requirements.

Non-sterile manufacture-Liquid orals, externals, Bulk concentrates. Procurement of stores and testing of raw materials.

Nomenclature and uses of surgical instruments and Hospital Equipments and health accessories.

P.T.C.(pharmacy Therapeutic Committee)

Hospital Formulary system and their organization, functioning, composition.

Drug Information service and Drug Information Bulletin.

Surgical dressing like cotton, gauze, bandages and adhesive tapes including their pharmacopoeial tests for quality. Other hospital supply eg. I.V.sets, B.G. sets, Ryals tubes, Catheters, Syringes etc

Application of computers in maintenance of records, inventory control, medication monitoring, drug information and data storage and retrieval in hospital retail pharmacy establishment.

Part II: Clinical Pharmacy:

Introduction to Clinical pharmacy practice- Definition, scope.

Modern dispensing aspects- Pharmacists and patient counseling and advice for the use of common drugs, medication history.

Common daily terminology used in the practice of Medicine.

Disease, manifestation and patho-physiology including salient symptoms to understand the disease like Tuberculosis, Hepatitis, Rheumatoid Arthritis, Cardio-vascular diseases, Epilepsy, Diabetes, Peptic Ulcer, Hypertension.

Physiological parameters with their significance.

Drug Interactions: Definition and introduction. Mechanism of Drug Interaction. Drug-drug interaction with reference to analgesics, diuretics, cardiovascular drugs, Gastro-intestinal agents. Vitamins and Hypoglycemic agents. Drug-food interaction.

Adverse Drug Reaction: Definition and significance. Drug-Induced diseases and Teratogenicity.

Drugs in Clinical Toxicity- Introduction, general treatment of poisoning, systemic antidotes, Treatment of insecticide poisoning, heavy metal poison, Narcotic drugs, Barbiturate, Organo-phosphorus poisons.

Drug dependences, drug abuse, addictive drugs and their treatment, complications.

Bio-availability of drugs, including factors affecting it.

Books Recommended:(Latest editions)

1. Remington's pharmaceutical sciences.
2. Testing of raw materials used in (1).
3. Evaluation of surgical dressings.
4. Sterilization of surgical instruments, glassware and other hospital supplies.
5. Handling and use of data processing equipments.


MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

(Autonomous)

(ISO 9001:2015)

(ISO/IEC 27001:2013)

4th Floor, Govt. Polytechnic, Bldg. 49, Kherwadi, Bandra (E), Mumbai-400 051Tel.No. : 022-62542100/110/188/190 Email: secretary@msbte.com web: www.msbte.org.in

No. MSBTE/D-40/Academic Calendar/B2/2020/0107

Date

08 DEC 2020

Academic Calendar 2020-21
Odd Semester Academic Schedule

S.N.	Activities	Odd semester (3, 5, 7)	1 st semester, 1 st Year and Direct 2 nd year newly admitted students	Yearly Pattern except 1 st Year
1	First Term	17 August 2020 – 30 January 2021	*21 December 2020 – 06 March 2021 *21 December 2020 – 10 June 2021 (For yearly pattern)	17 August 2020 - 10 June 2021
2	# I - Class Test	16 - 18 December, 2020	28 - 30 January, 2021	16 - 18 December, 2020
4	# II - Class Test	18 - 20 January 2021	25 - 27 February, 2021	--

MCQ based on-line examination mode.

*Commencement of term as per date specified by Admission authority

Winter 2020 Exam form filling Schedule

Odd semester Regular & backlog students, Even Semester backlog students and Yearly pattern backlog students
only (Except 1st Semester and Direct 2nd year newly admitted students)

S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Regular fees + Late fees of Rs. 200/-)
1	Candidate fill	05 - 10 January, 2021	12 - 13 January, 2021
2	Institute fill & Confirmation	05 - 11 January, 2021	12 - 14 January, 2021
3	RBTE confirmation	13 - 16 January, 2021	

Last date of exam form confirmation by RBTE is 16th January 2021 upto 4:00 PM

Winter 2020 Examination Schedule

S.N.	Activities	Odd semester Regular & backlog students, Even Semester backlog students and Yearly pattern backlog students (Except 1 st Semester and Direct 2 nd year newly admitted students)	1 st Semester and Direct 2 nd year newly admitted students
1	Practical Exam FOD confirmation of Mark sheets	08 - 17 February, 2021 On or Before 17 February, 2021	08 - 12 March, 2021 On or Before 12 March, 2021
2	Theory Exam	24 February - 17 March, 2021	15 - 20 March, 2021
3	Declaration of Result	1 st week of April, 2021	

Note for Odd semester Practical conduction and submission of term work.

All affiliated institutes shall conduct the practicals as per the curriculum through on-line demonstration / Videos / Virtual Lab. Student shall note down the reading in the observation table, do the required calculations if any, write the result / conclusion and submit the same as term work. Teacher shall evaluate the submitted term work as per MSBTE norms.

Even Semester Academic Schedule

S.N.	Activities	Even semester (2, 4, 6, 8)	Yearly Pattern
1	Second Term	22 March – 10 June, 2021	17 August 2020 – 10 June, 2021
2	First Class Test	28 – 30 April, 2021	II Class Test : 28 – 30 April, 2021
3	Second Class Test	02 - 04 June, 2021	III Class Test : 02 – 04 June, 2021

Summer 2021 Exam form filling Schedule

Even semester Regular & backlog students, Odd Semester backlog students and Yearly pattern Regular & backlog students

S.N.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Regular fees + Late fees of Rs. 200/-)
1	Candidate fill	17 - 23 April, 2021	25 – 26 April, 2021
2	Institute fill & Confirmation	17 – 24 April, 2021	25 – 27 April, 2021
3	RBTE Confirmation	27 – 30 April, 2021	

Last date of exam form confirmation by RBTE is 30 April, 2021 upto 4:00 PM

Summer 2021 Examination Schedule

S.N.	Activities	Even semester Regular & backlog students, Odd Semester backlog students & Yearly pattern Regular and backlog students
1	Practical Exam HOD confirmation of Mark sheets	12 - 21 June, 2021 On or Before 21 June, 2021
2	Theory Exam	24 June – 14 July, 2021
3	Industrial training for I-scheme students after completion of 4 th semester theory exam.	The schedule of industrial training will be communicated by separate circular.
4	Declaration of Result:	1 st week of August, 2021

Start of Academic Session 2021-22 : 09 August, 2021 (Monday)

Enrollment and Exam form schedule for 1st Semester / Year and Direct 2nd year newly admitted candidates

Sr. No.	Activities	Filling Examination forms (Normal Fees)	Filling Examination forms (With Regular fees + Late fees of Rs. 200/-)
1	Candidate fill	**14 – 19 January, 2021	**21 – 22 January, 2021
2	Institute fill & Confirmation	14 – 20 January, 2021	21 – 23 January, 2021
3	RBTE Confirmation	23 – 27 January, 2021	

Last date of exam form confirmation by RBTE is 27 January 2021 upto 4:00 PM

**** Tentative schedule for Enrollment and Exam forms.**

Note:

1. The academic schedule displayed is tentative it may change by considering prevailing COVID 19 situation and guidelines / directives from Government if any.
2. Institutes have to take measures to conduct additional instructional days for academic activities if needed.
3. All type of fees & penalties shall be necessarily deposited to regional office of the Board as per the schedule declared by respective RBTE or MSBTE.
4. The institute must ensure that after confirmation of examination forms with late fee / penalty, the question paper requirement is to be submitted immediately to RBTE.
5. All Practical & term work shall be completed with continuous assessment as per curriculum till the end of term.
6. In unavoidable circumstances, the necessary amendment in the schedule of any activity will be notified through separate circular on MSBTE web portal.
7. **The enrollment of the candidate shall remain provisional till the approval of merit list of admitted students from Regional Joint Director of Technical Education.**


(Dr. Mahendra R. Chitlange)
Secretary,

M. S. Board of Technical Education, Mumbai

Copy to:

1. Hon. Director, MSBTE, Mumbai – for information.
2. Dy. Secretary, CDC, MSBTE, Mumbai – for information
3. Dy. Secretary, MSBTE Regional Offices, Mumbai, Pune, Nagpur, Aurangabad for necessary action.
4. Desk Officer D-40, D-42 & D-43 MSBTE Mumbai - for necessary action
5. Portal Manager, MSBTE, Mumbai to display on the website.



ACADEMIC CALENDAR 2020-2021

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

17 th August 2020- Commencement of S.Y.D.Pharm
15 th August 2020- Independence Day
Academic days- 13

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

5 th September 2020- Teachers Day,
25 th September 2020- World Pharmacists Day
Academic days- 25

October						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

2 nd Oct. Gandhi Jayanti
Academic days- 27

November						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

12 th November 2020 to 22 nd Nov. 2020- Diwali Vacation
Academic days- 16

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

January						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

17 th Dec to 23 rd Dec 2020 First Sessional Exam SY D Pharmacy.
25 th December 2020- Christmas
Last week of December- Guest Lecture
Academic days- 27

Commencement of FY Diploma 16 th Jan 2021
19 th January 2021- Sanstha Sneh Melava
26 th January 2021- Republic day
Academic days- 26

22 to 27 Feb FY Diploma Sessional Exam
19 th February 2021- Chhatrapati Shivaji Maharaj Jayanti
Academic days- 24

11 th March- Mahashivratri
29 th March 2021- GudiPadhva
Academic days- 27

25	26	27	28	29	30	
----	----	----	----	----	----	--

14 th April 2021- Dr.AmbedkarJayanti
16 th April 2021 to 3 rd May 2021- Second Sessional Exam
Academic days- 26

May						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1 st May Maharashtra Divas
14 th May – Ramjan Eid
Academic days- 26

Jun						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

31 st May to 5 th June 2021- Third Sessional Exam
10 th June 2021 - Academic Term End
Academic days- 26

Total Weeks available- 40 Weeks

Total Days Available- 240

Date of Commencement of Academics: 17/08/2020

Date of Completion of Academics: 10/06/2021

First Sessional Examination- 17th Dec 2020 to 23rd Dec 2020/ 22nd Feb 2021 to 27th Feb 2021

Second Sessional Examination- 26th April 2021 to 03rd May 2021

Third Sessional Examination-31st May 2021 to 05th May 2021

Final Practical Examination (Summer 2021) – 12th June 2021 to 21st June 2021

Final Theory Examination (Summer 2021) – 24th June 2021 to 14th July 2021

PRINCIPAL



Annexure: VII

ACADEMIC YEAR 2020-21**TIME TABLE**

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1ST YEAR THEORY 09.15AM-12.15 PM						
09.15AM-10.15 AM	PC-I (J.A.A.)	BCP (R.S.D.)	PH-I (A.S.M.)	HAP (P.I.N.)	PC-I (J.A.A.)	HAP (P.I.N.)
10.15AM-11.15 AM	PH-I (A.S.M.)	PH-I (A.S.M.)	PGY (Y.D.D.)	PGY (Y.D.D.)	HAP (P.I.N.)	BCP (R.S.D.)
11.15AM-12.15 PM	PGY (Y.D.D.)	LH	PC-I (J.A.A.)	LH	HECP (S.T.J.)	HECP (S.T.J.)
PRACTICAL 01.00PM- 04.00 PM						
BATCH A	PC-I (J.A.A.)	PGY (Y.D.D.)	PH-I (A.S.M.)	HAP (P.I.N.)	BCP (R.S.D.)	Class Test
BATCH B	PH-I (A.S.M.)	PC-I (A.S.M.)	BCP (R.S.D.)	PGY (Y.D.D.)	HAP (P.I.N.)	
BATCH C	PGY (Y.D.D.)	PH-I (S.A.D.)	HAP (P.I.N.)	BCP (R.S.D.)	PC-I (A.S.M.)	
04.00 PM-04.45PM TUTORIALS	PH-I	PC-I	PGY	BCP	HAP	HECP
2ND YEAR 09.15AM-12.15 PM						
PRACTICAL				THEORY		
BATCH A	PNT (R.S.D.)	PH-II (S.T.J.)	HCP (P.I.N.)	PC-II (J.A.A.)	PNT (R.S.D.)	PC-II (Y.D.D.)
BATCH B	PH-II (S.T.J.)	HCP (P.I.N.)	PC-II (S.T.J.)	PNT (R.S.D.)	DSBM (S.A.D.)	PHJ (J.A.A.)
BATCH C	HCP (S.A.D.)	PC-II (J.A.A.)	PNT (R.S.D.)	PH-II (S.T.J.)	LH	HCP (P.I.N.)
THEORY 01.00PM – 04.00 PM						
01.00PM – 02.00 PM	PH-II (S.T.J.)	PNT (R.S.D.)	PH-II (S.T.J.)	PHJ (J.A.A.)	PC-II (Y.D.D.)	Class Test (01:00 pm to 02:00 pm)
02.00PM – 03.00 PM	HCP (P.I.N.)	HCP (P.I.N.)	PC-II (Y.D.D.)	DSBM (S.A.D.)	DSBM (S.A.D.)	
03.00PM – 04.00 PM	PNT (R.S.D.)	LH	LH	PH-II (S.T.J.)	PC-II (Y.D.D.)	
04.00 PM-04.45PM TUTORIALS	PH-II	PC-II	HCP	PHJ	PNT	DSBM

SAD: Mr. Sujit A Desai, **PIN:** Mr. PrakashI. Nargatti, **YDD:** Mr. Yuvraj D Dange, **STJ:** Ms. Shital R. Jadhav, **JAA:** Mrs.JyotiA.Admuthe, **RSD:** Ms. Rani S. Dhole, **ASM:** Mr. Anil S Magdum

PRINCIPAL



Annexure: VIII

WORK LOAD DISTRIBUTION
Academic Year- 2020-21

Sr .No	Name of Staff	Subject	1st Yr		2nd Yr		Total
			TH	PR	TH	PR	
1	Mr. S. A. Desai	Drug Store & Business Management	-	-	3	-	09
		Hospital & Clinical Pharmacy	-	-	-	2	
		Pharmaceutics-I	-	4	-	-	
2	Mr. P.I. Nargatti	Human Anatomy & Physiology	3	6	-	-	16
		Hospital & Clinical Pharmacy	-	-	3	4	
3	Mr. Y.D. Dange	Pharmacognosy & Phytochemistry	3	9	-	-	16
		Pharmaceutical Chemistry-II	-	-	4	-	
4	Mrs. J. A. Admuthe	Pharmaceutical Chemistry-I	3	9	-	-	17
		Pharmaceutical Chemistry –II	-	-	-	3	
		Pharmaceutical Jurisprudence	-	-	2	-	
5	Mrs. S.T. Jadhav	Health Education & Clinical Pharmacy	2	-	-	-	17
		Pharmaceutics -II	-	-	3	12	
6	Ms. R. S. Dhole	Biochemistry & Clinical Pathology	2	9	-	-	20
		Pharmacology & Toxicology	-	-	3	6	
7	Mr. A. S. Magdum	Pharmaceutics-I	3	08	-	-	17
		Pharmaceutical Chemistry –II	-	-	-	6	

PRINCIPAL

ANNEXURE-IX



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/2016/1-2859867201

Date: 30-Apr-2016

To,
The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Letter of Approval for New Institute 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F.No.37-3/Legal/2012 dated 27/09/2012 and other notifications, as applicable and published from time to time, I am directed to convey the approval to

Regional Office	Western	Application Id	1-2859867201
Name of the Institute	ANNASAHEB DANGE COLLEGE OF D PHARMACY	Institute Address	A/P - ASHTA, TAL - WALWA, DIST - SANGLI, ASHTA, SANGLI, Maharashtra, 416301
Name of the Society/Trust	SANT DNYANESHWAR SHIKSHAN SANSTHA, ISLAMPUR	Society/Trust Address	OLD AIRPORT, ASHTA TAL - WALWA, DIST.- SANGLI MAHARASHTRA 416301, ISLAMPUR, SANGLI, Maharashtra, 416301
Institute Type	Unaided - Private		

to conduct following courses with the intake indicated below for the academic year 2016-2017

S. No.	Application Id : 1-2859867201			Course	Full/Part Time	Affiliating Body	Intake approved for 2016-17	PIO/F N/Gulf Quota	NRI
	Programme	Shift	Level						
1	PHARMACY	1st Shift	DIPLOMA	PHARMACY	FULL TIME	Maharashtra State Board of Technical Education, Mumbai	60	No	No

Note: The approval is valid for two years from the date of issue of this letter for getting affiliation with respective University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET) (as applicable) and fulfilling State Govt. requirements for admission. If institution is unable to start in the academic session 2016-17 due to reason mentioned above, the institution will have to apply On-line on AICTE web portal in next academic session for continuation of approval.

The Society/Trust/Institution shall obtain necessary affiliation / permission from the concerned affiliating University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET)(as applicable) as per the prescribed schedule of the University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET)(as applicable) Admission authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. In case the Institution is not in a position to commence the above mentioned courses for whatever reason during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant Society/Trust/Institution shall make fresh application to AICTE for grant of approval as per the norms prevailing at that time.

All Institutions shall fulfill the following general conditions:



1. The management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. The admission shall be made only after adequate infrastructure and all other facilities, including the availability / recruitment of the required faculty are provided as per norms and guidelines of the AICTE.
3. The admissions shall be made in accordance with the regulations notified by the Council from time to time.
4. The curriculum of the course, the procedure for evaluation / assessment of students shall be in accordance with the norms prescribed by the AICTE and concerned affiliating university/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET) (as applicable) wherever applicable.
5. The management of the Institution shall not close the Institution or the institution shall not discontinue any course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
6. No excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
7. The institutions shall not have any collaborative arrangements with any Indian and / or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
8. The Institution shall not conduct any course(s) in the field of technical education in the same premises / campus and / or in the name of the Institution without prior permission / approval of AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
9. The institution shall not conduct any non-technical course (s) in the same premises under any circumstances. In case any violation is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
10. The institution shall operate only from the approved location, and that the institution shall not open any off campus study centers / extension centers directly or in collaboration with any other institution / university / organization for the purpose of imparting technical education without obtaining prior approval from the AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
11. The tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students / guardians of students in any form. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
12. The accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or anybody or persons authorized by it.
13. The Director / Principal and the teaching and other staff shall be appointed in given time frame and selection shall be done according to procedures, qualifications and experience prescribed by the Council from time to



time and pay scales are as per the norms prescribed by the Council from time to time.

14. The technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses / programs being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education. The mandatory disclosure information, as per directions in the AICTE website / Approval Process Handbook, shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the institution.
15. It shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
16. If a technical Institution fails to disclose the information or suppress and / or misrepresent the information, appropriate action as per the notified regulations shall be initiated against the Institution.
17. AICTE may carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.
18. AICTE may also conduct inspections with or without notifying the dates to verify specific complaints, to verify adherence to AICTE norms & standards, and to verify any mis-representation, violation of norms & standards, mal-practices etc.
19. The Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
20. In the event of a student / candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution / University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET)(as applicable) to the student / candidate withdrawing from the program. It would not be permissible for Institutions and Universities to retain the School / Institution Leaving Certificates in original to force retention of admitted students.
21. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of AICTE regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009 (F.No. 37-3/Legal/AICTE/2009 dated 01/07/2009). In case of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action as per the notified regulations.

The Management of the Institute shall strictly follow further conditions as may be specified by the Council from time to time. The Council may withdraw the approval, in case it observe any violation of the above conditions and / or non-adherence to the norms and standards prescribed by the Council, mis-representation of facts and submitting factually in correct information to it.

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Industrial Assurance Building



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra

2. **The Director Of Technical Education,**
Maharashtra
3. **The Registrar,**
Maharashtra State Board of Technical Education, Mumbai
4. **The Principal / Director,**
ANNASAHEB DANGE COLLEGE OF D PHARMACY
A/P - ASHTA, TAL - WALWA, DIST - SANGLI,
ASHTA,SANGLI,
Maharashtra,416301
5. **The Secretary / Chairman,**
SANT DNYANESSHWAR SHIKSHAN SANSTHA,ISLAMPUR
OLD AIRPORT,ASHTA TAL - WALWA,
DIST.- SANGLI MAHARASHTRA 416301,
ISLAMPUR,SANGLI,
Maharashtra,416301
6. **Guard File(AICTE)**

ANNEXURE-X



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. Western/1-3321539801/2017/EOA

Date: 30-Mar-2017

To,

The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of approval for the academic year 2017-18

Ref: Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2859867201	Application Id	1-3321539801
Name of the Institute	ANNASAHEB DANGE COLLEGE OF D PHARMACY	Institute Address	A/P - ASHTA, TAL - WALWA, DIST - SANGLI, ASHTA, SANGLI, Maharashtra, 416301
Name of the Society/Trust	SANT DNYANESSHWAR SHIKSHAN SANSTHA, ISLAMPUR	Society/Trust Address	OLD AIRPORT, ASHTA TAL - WALWA, DIST.- SANGLI MAHARASHTRA 416301, ISLAMPUR, SANGLI, Maharashtra, 416301
Institute Type	Unaided - Private	Region	Western

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application Id: 1-3321539801			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NRI Approval status	PIO / FN / Gulf quota/ OCI/ Approval status	Foreign Collaboration/Twining Program Approval status*
Program	Shift	Level								
PHARMACY	1st Shift	DIPL OMA	PHARMACY	FULL TIME	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

The above mentioned approval is subject to the condition that

ANNASAHEB DANGE COLLEGE OF D PHARMACY

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

- 1. The Regional Officer,**
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra
- 2. The Director Of Technical Education**,**
Maharashtra
- 3. The Registrar**,**
Maharashtra State Board of Technical Education, Mumbai
- 4. The Principal / Director,**
ANNASAHEB DANGE COLLEGE OF D PHARMACY
A/P - ASHTA, TAL - WALWA, DIST - SANGLI,
ASHTA, SANGLI,
Maharashtra, 416301
- 5. The Secretary / Chairman,**
SANT DNYANESHWAR SHIKSHAN SANSTHA, ISLAMPUR
OLD AIRPORT, ASHTA TAL - WALWA,
DIST.- SANGLI MAHARASHTRA 416301,
ISLAMPUR, SANGLI,
Maharashtra, 416301
- 6. Guard File(AICTE)**

Note: ** - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ANNEXURE-XI

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2018-19

Extension of Approval (EoA)

F.No. Western/1-3508230370/2018/EOA

Date: 04-Apr-2018

To,

The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2859867201	Application Id	1-3508230370
Name of the Institute	ANNASAHEB DANGE COLLEGE OF D PHARMACY	Name of the Society/Trust	SANT DNYANESSHWAR SHIKSHAN SANSTHA, ISLAMPUR
Institute Address	A/P - ASHTA, TAL - WALWA, DIST - SANGLI, ASHTA, SANGLI, Maharashtra, 416301	Society/Trust Address	OLD AIRPORT, ASHTA TAL - WALWA, DIST.- SANGLI MAHARASHTRA 416301, ISLAMPUR, SANGLI, Mahara shtra, 416301
Institute Type	Unaided - Private	Region	Western

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site	No	Change of Site Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Foreign Collaboration /Twinning Program Approval Status*
PHARMACY	1st	DIPLOMA	PHARMACY	FT	Maharashtra State Board of Technical Education, Mumbai	60	NA	NA	NA

+FT –Full Time, PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Regional Officer,
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra
2. The Director Of Technical Education**,
Maharashtra
3. The Registrar**,
Maharashtra State Board of Technical Education, Mumbai
4. The Principal / Director,
ANNASAHEB DANGE COLLEGE OF D PHARMACY
A/P - ASHTA, TAL - WALWA, DIST - SANGLI,
ASHTA,SANGLI,
Maharashtra,416301
5. The Secretary / Chairman,
SANT DNYANESHWAR SHIKSHAN SANSTHA,ISLAMPUR
OLD AIRPORT,ASHTA TAL - WALWA,
DIST.- SANGLI MAHARASHTRA 416301,
ISLAMPUR,SANGLI,
Maharashtra,416301
6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

ANNEXURE-XII

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2019-20

Extension of Approval (EoA)

F.No. Western/1-4259216569/2019/EOA

Date: 29-Apr-2019

To,

The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2859867201	Application Id	1-4259216569
Name of the Institute	ANNASAHEB DANGE COLLEGE OF D PHARMACY	Name of the Society/Trust	SANT DNYANESSHWAR SHIKSHAN SANSTHA, ISLAMPUR
Institute Address	A/P - ASHTA, TAL - WALWA, DIST - SANGLI, ASHTA, SANGLI, Maharashtra, 416301	Society/Trust Address	OLD AIRPORT, ASHTA TAL - WALWA, DIST.- SANGLI MAHARASHTRA 416301, ISLAMPUR, SANGLI, Mahara shtra, 416301
Institute Type	Unaided - Private	Region	Western

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
PHARMACY	1st	DIPLOMA	PHARMACY	FT	Maharashtra State Board of Technical Education, Mumbai	60	NA	NA

+FT –Full Time, PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education**, Maharashtra**
2. **The Registrar**,
Maharashtra State Board Of Technical Education, Mumbai**
3. **The Principal / Director,**
Annasaheb Dange College Of D Pharmacy
A/P - Ashta, Tal - Walwa, Dist - Sangli,
Ashta, Sangli,
Maharashtra, 416301
4. **The Secretary / Chairman,**
Sant Dnyaneshwar Shikshan Sanstha, Islampur
Old Airport, Ashta Tal - Walwa,
Dist.- Sangli Maharashtra 416301.
Islampur, Sangli,
Maharashtra, 416301
5. **The Regional Officer,**
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

ANNEXURE-XIII

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2020-21

Extension of Approval (EoA)

F.No. Western/1-7014614232/2020/EOA

Date: 30-Apr-2020

To,

The Secretary,
Tech. & Higher Education Deptt.
Govt. of Maharashtra, Mantralaya,
Annexe Building, Mumbai-400032

Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4th February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2859867201	Application Id	1-7014614232
Name of the Institute	ANNASAHEB DANGE COLLEGE OF D PHARMACY	Name of the Society/Trust	SANT DNYANESSHWAR SHIKSHAN SANSTHA, ISLAMPUR
Institute Address	A/P - ASHTA, TAL - WALWA, DIST - SANGLI, ASHTA, SANGLI, Maharashtra, 416301	Society/Trust Address	OLD AIRPORT, ASHTA TAL - WALWA, DIST.- SANGLI MAHARASHTRA 416301, ISLAMPUR, SANGLI,, 416301
Institute Type	Private-Self Financing	Region	Western

To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
PHARMACY	DIPLOMA	PHARMACY	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	No

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Maharashtra
2. **The Principal / Director**,
ANNASAHEB DANGE COLLEGE OF D PHARMACY
A/P - Ashta, Tal - Walwa, Dist - Sangli,
Ashta, Sangli,
Maharashtra, 416301
3. **The Secretary / Chairman**,
OLD AIRPORT, ASHTA TAL - WALWA,
DIST.- SANGLI MAHARASHTRA 416301
ISLAMPUR, SANGLI
, 416301
4. **The Regional Officer**,
All India Council for Technical Education
Industrial Assurance Building
2nd Floor, Nariman Road
Mumbai - 400 020, Maharashtra
5. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

BHASKAR B. PATIL & Co.

Chartered Accountants

Office : Flat No. 101 & 102, Ground Floor,
 'C' Wing, Shamrao Mandlik Park,
 13th Lane, Rajarampuri (East),
 Kolhapur- 416 008
 Phone : 0231-2525985, 0231-2532530

Date :

Audit Report

We have audited the accounts of **"Annasaheb Dange College of D. Pharmacy, Ashta"**, Taluka - Walwa, District - Sangli - 416301 which is a unit/branch of parent body - **Sant Dnyaneshwar Shikshan Sanstha Islampur**, Taluka - Walwa, District - Sangli, Registered Trust No. F - 1546 for the period 01-04-2017 to 31-03-2018 and annexed herewith the audited Receipt & Payment A/c, Income & Expenditure A/c for the year ended on 31-03-2018 and Balance Sheet of the said unit/branch as on 31-03-2018

We have conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that we plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining on a test check basis, evidence supporting the amount and disclosures in the financial statements. And audit also includes assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall financial statements presented. We believe that our audit provides a reasonable basis for our opinion.

Auditor's responsibility -

Our responsibility is to express an opinion on these financial statements based on our audit. An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the institution's preparation and presentation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on whether the institution has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.



Date :

Report on required matters as per Fee Regulation Authority -**1. Reporting of Method of Accounting -**

During the Financial Year 01-04-2017 to 31-03-2018 the educational institute has followed the mercantile system of accounting as recommended by the FRA in its guidelines.

2. Reporting of Segment Accounting -**a) About Geographical Segmentation -**

The area of operation of the educational institute is restricted to only one place situated at "Ashta", Taluka Walwa, District Sangli, Maharashtra State and hence there is no requirement of geographical segmentation for the courses conducted by the institute.

b) About Business Segmentation -

The educational institute runs only one course i.e. D. Pharmacy at same place and hence fee is only for D. Pharmacy course and accounting records and financial statements relates only to such educational activity i.e. D. Pharmacy course only.

Accordingly the Receipt and Payment Account, Income and Expenditure Account and Balance Sheet as on 31-03-2018 of D. Pharmacy Course are prepared along with the necessary schedules.

3. The educational institute has kept proper books of accounts required for the purpose of conducting audit.

4. While conducting the audit, we have observed that the internal control system is deficient in respect of expenses incurred and considering the size & volume of the transactions of the institute it is necessary to improve it adequately to safeguard the interest of the educational institute.



BHASKAR B. PATIL & Co.

Chartered Accountants

Office : Flat No. 101 & 102, Ground Floor,
'C' Wing, Shamrao Mandlik Park,
13th Lane, Rajarampuri (East),
Kolhapur-416 008

Phone : 0231-2525985, 0231-2532530

Date :

5. Subject to above; in our opinion and according to the information and explanation given to us the accounts give true and fair view –
- i) In the case of the Balance Sheet the state of affairs of the educational institute as at 31st March, 2018.
 - ii) In the case of Income and Expenditure of the Deficit of the educational institute for the year ended on that date.

Place – Kolhapur

Date – 27-09-2018

For M/s. Bhaskar B. Patil & Co.

Chartered Accountants

FRN – 101275W



B. Patil
CA. Bhaskar B. Patil

Proprietor

M. No. 036961

BHASKAR B. PATIL

B. Com(Hons) F. C. A.
Chartered Accountants

Office : Flat No. 101 & 102, Ground Floor,
'C' Wing, Shamroo Mandlik Park,
13th Lane, Rajarampuri (East),
Kolhapur- 416 008

Phone : 0231-2525985, 0231-2532530

Date :

Audit Report

We have audited the accounts of "Annasaheb Dange College of D. Pharmacy, Ashta", Taluka - Walwa, District - Sangli - 416301 which is a unit/branch of parent body - Sant Dnyaneshwar Shikshan Sanstha Islampur, Taluka - Walwa, District - Sangli, Registered Trust No. F - 1546 for the period 01-04-2018 to 31-03-2019 and annexed herewith the audited Receipt & Payment A/c, Income & Expenditure A/c for the year ended on 31-03-2019 and Balance Sheet of the said unit/branch as on 31-03-2019

We have conducted our audit in accordance with the auditing standards generally accepted in India. These standards required that we plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining on a test check basis, evidence supporting the amount and disclosures in the financial statements. And audit also includes assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall financial statements presented. We believe that our audit provides a reasonable basis for our opinion.

Auditor's responsibility -

Our responsibility is to express an opinion on these financial statements based on our audit. An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the institution's preparation and presentation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on whether the institution has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.



BHASKAR B. PATIL

B. Com(Hons) F. C. A.
Chartered Accountants

Office : Flat No. 101 & 102, Ground Floor,
'C' Wing, Shamrao Mandlik Park,
13th Lane, Rajarumpuri (East),
Kolhapur- 416 008
Phone : 0231-2525985, 0231-2532530

Date :

Report on required matters as per Fee Regulation Authority -

1. Reporting of Method of Accounting -

During the Financial Year 01-04-2018 to 31-03-2019 the educational institute has followed the mercantile system of accounting as recommended by the FRA in its guidelines.

2. Reporting of Segment Accounting -

a) About Geographical Segmentation -

The area of operation of the educational institute is restricted to only one place situated at "Ashta", Taluka Walwa, District Sangli, Maharashtra State and hence there is no requirement of geographical segmentation for the courses conducted by the institute.

b) About Business Segmentation -

The educational institute runs only one course i.e. D. Pharmacy at same place and hence fee is only for D. Pharmacy course and accounting records and financial statements relates only to such educational activity i.e. D. Pharmacy course only.

Accordingly the Receipt and Payment Account, Income and Expenditure Account and Balance Sheet as on 31-03-2019 of D. Pharmacy Course are prepared along with the necessary schedules.

3. The educational institute has kept proper books of accounts required for the purpose of conducting audit.

4. While conducting the audit, we have observed that the internal control system is deficient in respect of expenses incurred and considering the size & volume of the transactions of the institute it is necessary to improve it adequately to safeguard the interest of the educational institute.



BHASKAR B. PATIL

B. Com(Hons) F. C. A.
Chartered Accountants

Office : Flat No. 101 & 102, Ground Floor,
'C' Wing, Shamrao Mandlik Park,
13th Lane, Rajarampuri (East),
Kolhapur- 416 008

Phone : 0231-2525985, 0231-2532530


Date

5. Subject to above; in our opinion and according to the information and explanation given to us the accounts give true and fair view –
- i) In the case of the Balance Sheet the state of affairs of the educational institute as at 31st March, 2019.
 - ii) In the case of Income and Expenditure of the Surplus of the educational institute for the year ended on that date.

Place – Kolhapur
Date – 10-10-2019

For M/s. Bhaskar B. Patil & Co.
Chartered Accountants
FRN – 101275W




CA. Bhaskar B. Patil
Proprietor
M. No. 036961

Audit Report

We have audited the accounts of "Annasaheb Dange College of D. Pharmacy, Ashta", Taluka - Walwa, District - Sangli - 416301 which is a unit/branch of parent body - Sant Dayaneshwar Shikshan Sanstha Islampur, Taluka - Walwa, District - Sangli, Registered Trust No. F - 1546 for the period 01-04-2019 to 31-03-2020 and annexed herewith the audited Receipt & Payment A/c, Income & Expenditure A/c for the year ended on 31-03-2020 and Balance Sheet of the said unit/branch as on 31-03-2020

We have conducted our audit in accordance with the auditing standards generally accepted in India. Those standards required that we plan & perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining on a test check basis, evidence supporting the amount and disclosures in the financial statements. And audit also includes assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall financial statements presented. We believe that our audit provides a reasonable basis for our opinion.

Auditor's responsibility -

Our responsibility is to express an opinion on these financial statements based on our audit. An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal financial control relevant to the institution's preparation and presentation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on whether the institution has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls. An audit also includes evaluating the appropriateness of the accounting policies used and the reasonableness of the accounting estimates made by the management as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.



Report on required matters as per Fee Regulation Authority -

1. **Reporting of Method of Accounting -**

During the Financial Year 01-04-2019 to 31-03-2020 the educational institute has followed the mercantile system of accounting as recommended by the FRA in its guidelines.

2. **Reporting of Segment Accounting -**

a) **About Geographical Segmentation -**

The area of operation of the educational institute is restricted to only one place situated at "Ashra", Taluka Walwa, District Sangli, Maharashtra State and hence there is no requirement of geographical segmentation for the courses conducted by the institute.

b) **About Business Segmentation -**

The educational institute runs only one course i.e. D. Pharmacy at same place and hence fee is only for D. Pharmacy course and accounting records and financial statements relates only to such educational activity i.e. D. Pharmacy course only.

Accordingly the Receipt and Payment Account, Income and Expenditure Account and Balance Sheet as on 31-03-2020 of D. Pharmacy Course are prepared along with the necessary schedules.

3. The educational institute has kept proper books of accounts required for the purpose of conducting audit.
4. While conducting the audit, we have observed that the internal control system is deficient in respect of expenses incurred and considering the size & volume of the transactions of the institute it is necessary to improve it adequately to safeguard the interest of the educational institute.



5. Subject to above; in our opinion and according to the information and explanation given to us the accounts give true and fair view -
- i) In the case of the Balance Sheet the state of affairs of the educational institute as at 31st March, 2020.
 - ii) In the case of Income and Expenditure of the **Surplus** of the educational institute for the year ended on that date.

Place - Kolhapur
Date - 27-10-2020



For M/s. Bhaskar B. Patil & Co.
Chartered Accountants
FRN - 101275W

A handwritten signature in black ink, appearing to be "B. Patil".

CA. Bhaskar B. Patil
Proprietor
M. No. 036961