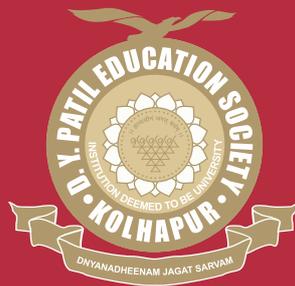


6.2.2.1
Annual Report



**D. Y. PATIL EDUCATION SOCIETY DEEMED UNIVERSITY,
KOLHAPUR
(E 869, Kasaba Bawada, Kolhapur 416006)**



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR
(INSTITUTION DEEMED TO BE UNIVERSITY)
NAAC 'A' Grade

ANNUAL REPORT

2020-2021

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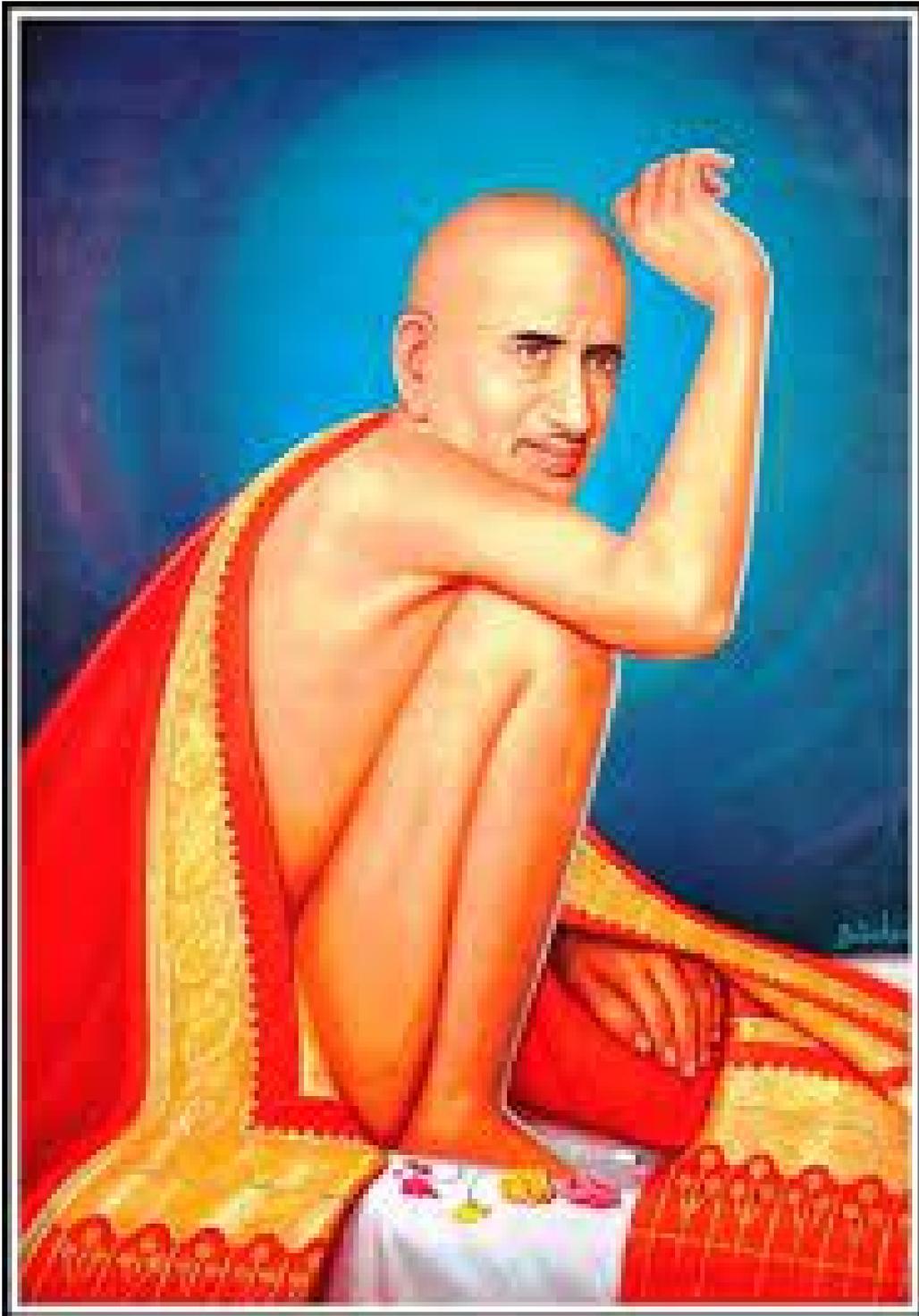
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Institution Deemed to be University, Kolhapur

PRINTED BY

Our strength and Inspiration



Shri Sant Gajanan Maharaj



Dr. D. Y. Patil

(Padmashree Awardee)

Founder President, D. Y. Patil Education Society

Former Governor States of Tripura, Bihar and West Bengal

“Ego is death of life, death of ego is real life.”



Dr. Sanjay D. Patil

Chancellor, D. Y. Patil Education Society
(Institution Deemed to be University)

President, D. Y. Patil Education Society, Kolhapur

“Our team is like a family where each member’s strength is the team and the team’s strength is every individual member of it.”



Shri. Satej D. Patil

MLC Govt. of Maharashtra,
Vice-President

D. Y. Patil Education Society, Kolhapur

*“Good things come to people who wait but better
Things come to those who go out and get them.”*



Shri. Raturaj S. Patil

Trustee

D. Y. Patil Education Society, Kolhapur

“Educate and train yourself to attract and motivate many!.”



Shri. Prithviraj S. Patil

Trustee

D. Y. Patil Education Society, Kolhapur

“You learn with your experiences you master with your learnings”

**D. Y. PATIL EDUCATION SOCIETY
INSTITUTION DEEMED TO BE UNIVERSITY, KOLHAPUR**

Annual Report 2020-2021
01-07-2020 to 30-06-2021

Deemed to be University Declared u/s 3 of the UGC Act 1956 vide Notification No. F.9-26/2004-U.3 dt. 01-09-2005 of the GOI

869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006

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Dr. Rakesh Kumar Mudgal
Vice-Chancellor



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Registrar



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Dr. C. D. Lokhande
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Center for Interdisciplinary
Research



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Dean,
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Kolhapur



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& Alumni Co-ordinator



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Center for Interdisciplinary
Research

D. Y. Patil College of Nursing, Kolhapur

■ Heads of the Department ■



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Vice-Principal,
Head, Nursing in
Obst & Gyn.



Ms. Janaki Shinde
Nursing in
Child Health



Mrs. Sheetal Kamble
Nursing in
Community Health

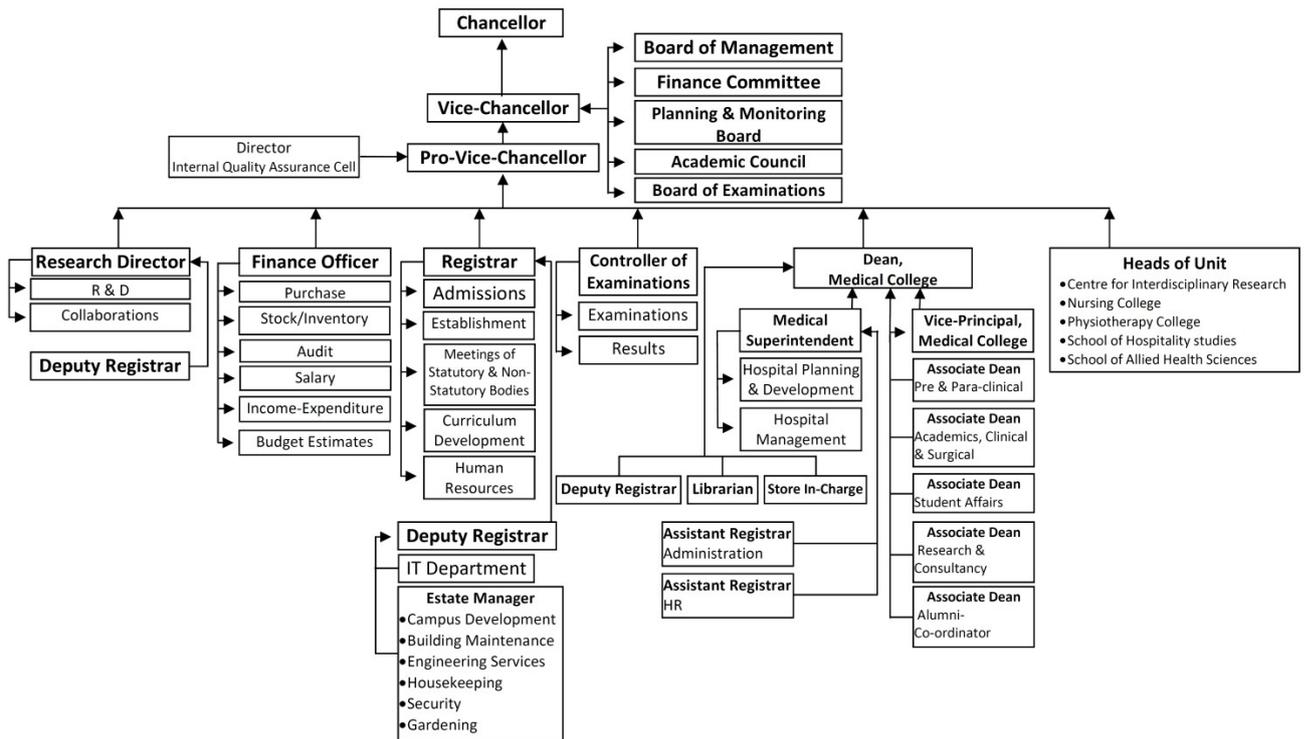


Mr. Sunil Awati
Nursing in
Mental Health



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR

GOVERNANCE STRUCTURE



Vision

- To become a world class dynamic institution of education research & training to develop globally competitive, professional and socially responsible human resource.

Mission

- To ensure globally relevant quality higher education and skill enhancement for providing required trained manpower to the nation & the world.
- To promote symbiotic relations with industry, academic and research institutions and community to meet the expectations of various stakeholders.
- To engage in interdisciplinary research and innovate for furtherance of knowledge, technology and growth.
- To put in place dynamic technocracy for effective use of emerging trends in curriculum development, andragogy, evaluation and system management.
- To provide an environment for holistic evolution of the learners as human, socially responsible and conscious of sustainable ecosystem.

Goal

University to be recognized as one of the top institutions of higher learning in the next decade and achieve global recognition.

University Notification

(TO BE PUBLISHED IN THE GAZETTE OF INDIA PART-I SECTION-1)

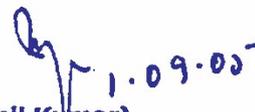
No. F. 9-26/2004- U.3
Government of India
Ministry of Human Resource Development
Department of Secondary & Higher Education
* * *

Shastri Bhawan, New Delhi.
The 1st September, 2005

NOTIFICATION

In exercise of the powers conferred by Section 3 of the University Grants Commission Act, 1956 (3 of 1956), the Central Government, on the advice of the University Grants Commission (UGC), hereby declare the D.Y. Patil Education Society, Kolhapur, (Maharashtra) consisting of D.Y. Patil Medical College, Kolhapur as Deemed to be University for the purpose of the aforesaid Act with immediate effect subject to the following conditions: -

- (i) the Institute will adhere to the guidelines/instructions issued by UGC and other concerned statutory bodies, such as the Medical Council of India, from time to time as applicable to the Deemed to be Universities.
- (ii) Memorandum of Association (MOA) / Rules of the Institute shall be amended, as under: -
 - (a) In Para 1 of MOA, the word 'Institute' may be used instead of 'Trust/Society'.
 - (b) Para 3 (XXXIV) of MOA / Rules should be appropriately worded to ensure that the Institute undertakes no commercial activity and the investments are made in approved Government securities only for the purposes of Provident Fund etc. as per the Government of India's Rules.


(Sunil Kumar)

Joint Secretary to the Government of India

The Manager,
Government of India Press,
Faridabad (Haryana).

Copy forwarded for information to: -

1. The Secretary, University Grants Commission, New Delhi.
2. The Director of D.Y. Patil Medical College, Kolhapur, Maharashtra - 416003.
3. Principal Secretary, Department of Technical & Higher Education, Government of Maharashtra Mumbai - 400032.
4. The Secretary, Medical Council of India, Alwane-E-Gallib Marg, Kotla Road, New Delhi - 110002.
5. All Ministries/Departments of the Government of India. All State Governments and Union Territories.
6. Registrars of all Universities & Deemed Universities.
7. Press Information Bureau, Shastri Bhawan, New Delhi.
8. The Secretary-General, Association of Indian Universities, AIU House, 16 Kotla Marg, New Delhi - 2.
9. All officers/sections in Department of Secondary & Higher Education.
10. Guard file/Coordination Assistant/Notification file/NIC.


(Bharat Singh)

Under Secretary to the Government of India

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CHAPTER 1



UNIVERSITY PROFILE

UNIVERSITY PROFILE:

The D. Y. Patil Education Society Deemed University for past 16 years has strived to match global, national, and local expectations and demands. Established as a health science university, interdisciplinary programs 2009 and lately multidisciplinary programs respond to NEP 2020 call. The ten verticals of UGC adopted Quality Mandate 2018 provide a framework of quality education. Accreditations by NAAC (A grade), NABH (2020), NABL (2020) and ISO-9001:2015 evidence our commitment to quality as do registration with NAD, Shodhganga, introduction of Electives, increasing interdisciplinary courses. Our manifest industry to 14 Sustainable Development Goals 2015 evidences global awareness and accountability. 2015

A multilevel, multidimensional educational system is preserved through statutory, non-statutory bodies that comply with our Vision, Mission in a transparent, accountable manner. Operationalization of Quality measures is a fundamental objective and commitment. Inclusivity, democracy, participative governance, decentralization is embodied in multiple nodes of decision making, stakeholder representation and using feedback as integral to progress. This allows a sentient, responsive and adaptable system of governance. Introduction of modern management techniques with qualified professionally trained administrators ensures pro-activeness that matches global pace of change. Resource mobilization from government and non-governmental sources promotes engagement with local and national community in spheres of research, healthcare, and education. Last year, Quality initiatives have included Updated Examination Manual to accommodate recent developments, IT Audit, updated IT policy, Green Audit, Energy Audit, Gender Audit, Academic and Administrative Audit, International Seminars on Bioethics, Electives introduced.

The COVID pandemic highlighted our commitment to Equity and accessibility to healthcare and Social Accountability. We transformed our 800-bedded hospital to a COVID Hospital, collaborated closely with district authorities and achieved NABL accredited RT-PCR Molecular Biology Lab. Covid work included screening of over 38000 patients, 14000 in Flu OPD, testing 45000 RTPCRs, managing over 3000 admissions, over 1500 ICU patients. Also 87 deliveries, Caesarean Sections and 90 Mucor mycosis patients operated were unique services provided. Community Counselling & Survey services in 21 wards of Kolhapur district covered 18,293 families and over 75000 patients. Subsidized or free treatment to quarantined and admitted patients, creation of much-needed 250 Oxygen beds,

procurement of HFNOs, additional ventilators, provision of PPE to healthcare workers, home visits for diagnosis of COVID, training of stakeholders, over 130 prevention & promotional initiatives were activities.

Digital technology is a campus reality. The University established State-of-the-Art, high-fidelity Simulation and Skill Centre last year far-exceeding regulatory requirements, provides enriched learning ground with 19 Advanced Patient Simulators, and 51 training models. The 9 invited (72 days) and 15 Core faculty, conducted 159 workshops with 1215 beneficiaries. The campus WiFi, Integrated LMS, Central and Departmental Digital Libraries, Smart Boards, Visualizers, etc. ensure high usage of e-resources, AV-teaching aids, Uploaded LMS lectures. Familiarity with technology facilitated smooth shift to Microsoft Teams, Zoom based online teaching, WhatsApp Groups, Mobile proctoring, online assessments, online mentoring and general student connectivity. Curricular Addition of MOOCs added to collaborative convergence of humans and machines.

Health sciences programs (MBBS, MD, MS, Nursing, Physiotherapy) have in-built Employability. Skill-based allied health programs with high industry demand were started last year (B.Sc.s in OT Technology, Medical Lab Technology & Radio imaging Technology and B. Optometry). Innovative MSc programs in Medical Physics, Medical Biotechnology and Stem Cell & Regenerative Medicine offer launching pads to students for doctoral research progression, international opportunities, and cutting-edge innovation. Fellowships in Medicine and PhD in interdisciplinary, basic and clinical sciences provide for training of professionals in niche specialties improving healthcare for local population and for nation.

PG, Doctoral and Faculty research last year have yielded h-index of 43 with 1 awarded and 12 published Patents, 4 applied-for copyrights, 108 CARE/SCOPUS publications, 24 books and chapters. Strict plagiarism guidelines and use of software underlines the university dictates of academic integrity, transparency, and professional accountability. Research facilities like the Instrumentation Lab, Central laboratory, Stem Cell Laboratory, Animal House, Molecular biology Lab, RICH Cell and the APJ Abdul Kalam Incubation Centre have provided opportunity to host a DST-Inspire Fellow, a Ramanujan Fellow, 3 Start-Ups ongoing as well as win the award in 2020 of the SERB-TETRA awards for technology transfer. Online Research Methodology workshops and Dnyanshodh were conducted for students though annual activities of COURT, SMART, Anveshan were cancelled.

Faculty Development is supported through organization, resources, awards, incentives and finances, ensuring capacity building and self-improvement. An active Medical Education Unit (upgrading to department) regularly conducts FDP in collaboration with IQAC. Use of Swayam and other MOOCs are encouraged with 25 faculty registering last year.

Curricular innovations utilise Learning Outcome-based Curriculum Framework and the Competency-based Medical Education principles to strengthen our graduate attributes, program specific and program outcomes, course outcomes, which provide the learning outcomes for our graduates. These are aligned to the specific skills to be attained by graduates. Short-term certificate courses to provide quick employability to encourage self-directed learning, deliberate inclusion of SDL in timetable, provision of A-V resources, use of online platforms and social media like WA, Telegram, for teaching, discussion and mentoring have nurtured creativity, innovation and problem solving in teaching-learning. Industry and NGO collaborations contribute to curricular enhancement. Graduate outcomes of over 85% across programs are reflected in progression to higher education amongst graduates. Communication Skill lab activities ensure professionalism and social readiness of graduates.

Value orientation of students for ethical practices to develop future leadership is strengthened with a new NCC Unit (2021), NSS unit, Bioethics Unit and 25 Value Added courses. An active Student Wing provided information & training to peers and community through short videos, international seminars, research work and participation. Celebration of National Vigilance Week, Constitution Day, Savitribai Phule Jayanti, Chh. Shivaji Maharaj Jayanti, Chh. Shahu Maharaj Jayanti, Swami Vivekananda Jayanti, etc. on campus and online are other activities. Online avatar of the University Moral Guidance Scheme provided student support as did the Counselling Centre, Entrepreneurship Cell, Career orientation and counselling, anti-ragging cell, ICC, WDC. Average Student Faculty and student mentor ratios of 10 ensures personal attention. Fifteen extracurricular activities were conducted to engage students during the year. Alumni contributions, regular interactions, participation in governance provide essential perspective for improvements through registered Alumni Association.

The programmes under constituent units of this University are as follows:

- 1) D.Y.Patil Medical College and Dr. D. Y. Patil Medical College Hospital & Research Institute (MBBS, MD/MS, PG- DMLT, Post Doctoral Fellowship, Ph.D.)

- 2) D. Y. Patil College of Nursing (B.Sc.(N),P.B.B.Sc.(N)& M.Sc.(N))
- 3) Centre for Interdisciplinary Research (M.Sc. &Ph.D.)
- 4) D. Y. Patil College of Physiotherapy (B.P.Th.)
- 5) D. Y. Patil School of Hospitality (B.Sc. Hospitality Studies)
- 6) School of Allied Health Sciences (B.Sc.MRIT, B.Sc.OTT, B.Sc.MLT, B.Optom.)

The University has following statutory governing authorities & bodies:

- 1) Board of Management
- 2) Academic Council
- 3) Planning and Monitoring Board
- 4) Finance Committee
- 5) Board of Studies
- 6) Board of Examination
- 7) Publication Board
- 8) Research & Recognition Committee
- 9) Board of Post- Graduate Teaching and Research
- 10) Editorial Board
- 11) Internal Quality Assurance Cell (IQAC)

The University has conducted the meetings of these authorities and bodies, from time to time as specified under the rules and the resolutions passed by them were implemented. The University has been co-operated by all stakeholders.

NAAC Certificate



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त मण्डल
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
D. Y. Patil Education Society
(Deemed to be University u/s 3 of the UGC Act, 1956)
Kasaba Bavada, Dist. Kolhapur, Maharashtra as
Accredited
with CGPA of 3.20 on seven point scale
at A grade
valid up to October 29, 2022*

Date : October 30, 2017



D. Phule
Director



EC(SC)/28/A&A/60.2

NABH Certificate

National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

CERTIFICATION

Dr. D Y Patil Medical College Hospital and Research Institute

507/1 Kadamwadi
Kolhapur - 416005, Maharashtra

has been assessed and found to comply with NABH
Entry Level -Hospital requirements.

This certificate is valid for the Scope as specified in the
annexure subject to continued compliance with the
Entry Level requirements.

Valid from : April 09, 2021

Valid thru : April 08, 2023



PEH-2021-1450

Certificate No.

PEH-2021-1450

Dr. Atul Mohan Kochhar

Chief Executive Officer

National Accreditation Board for Hospitals & Healthcare Providers, 5th Floor, ITPI Building, 4A, Ring Road, IP Estate, New Delhi 110 002, India
Phone: +91-11-42600600, Fax: +91-11-2332 3415 • Email: helpdesk@nabh.co • Website: www.nabh.co



NABH as an organisation is ISQua Accredited

SI No. 002915

002915

NABH

NABH Certificate



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**DR. D. Y. PATIL MEDICAL COLLEGE, HOSPITAL &
RESEARCH INSTITUTE (D. Y. PATIL EDUCATION
SOCIETY)**

has been assessed and accredited in accordance with the standard

ISO 15189:2012

**"Medical laboratories - Requirements for quality and
competence"**

for its facilities at

507/1, KADAMWADI, KOLHAPUR, MAHARASHTRA, INDIA

in the field of

Medical Testing

Certificate Number: MC-3382

Issue Date: 12/05/2020

Valid Until:

11/05/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

ISO Certificate



KVQA

Certificate of Registration

(Quality Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Quality Management System of
**DR. D.Y.PATIL MEDICAL COLLEGE HOSPITAL
& RESEARCH INSTITUTE**

Kadamwadi, Kolhapur -416003, Maharashtra, India

Has been found to be of the Quality Management System Standard

ISO 9001:2015

This certificate is valid for the following product or service range

**Providing Multispeciality Medical Care under one roof
especially expertise in Managing Critical Medical
Emergencies and Specialized Surgeries.**

1st Surveillance Due On: 05/12/2021: Done On:
2nd Surveillance Due On: 05/12/2022: Done On:

Certificate No: IQSC202101004

Date Of Issue: 05, January, 2021

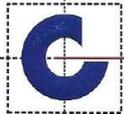
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Accredited by a member of IAF's MLA for Quality Systems

To Check the Status of the Certification kindly log on to www.kvqa.in
F-300, Sector -63, Noida U.P., India. Ph-011-22711940, 22711941, email: delhi@kvqaindia.com
*Subject to successful completion of surveillance audits

Logo of the University

Our logo is a remarkable, systematic and meaningful interweaving of shapes, images and quotation all perfectly blended together.

The Sanskrit quotation at the centre is our Motto “Dnyanadheenam Jagat Sarvam” meaning “Knowledge is Everything in the World”. The quotation reflects the narrative of this university, the belief that education can change lives, nations and the destiny of mankind.

The University commits to providing holistic training with knowledge in technical areas as well as comprehensive training in communications skills, ethics, soft skills and development of humane attitude and empathy.

The symbol in the centre portrays the Indian deity of knowledge Goddess Saraswati showering blessings on the learners.

The twenty-four Lotus petals and white colour indicate that knowledge is supreme in the world.

The image of Eagle at the top represents a sense of courage and a desire to explore and grow.

**D. Y. PATIL EDUCATION SOCIETY
INSTITUTION DEEMED TO BE UNIVERSITY, KOLHAPUR**

We are extremely happy to present herewith the Annual Report-2020-2021 of D. Y. Patil Education Society Deemed University, Kolhapur. The report has covered the information regarding officers and authorities of the University & Meetings, academic activities of the University, publications, University examination, Research activities and University finance etc. of the University and its constituent units during the academic year 2020-2021. The duration of this annual report is Academic Year 2020-2021 (i.e. 01-07-2020 to 30-06-2021).

The report is prepared in compliance with Rule 47 (v) of the Memorandum of Association-2019.

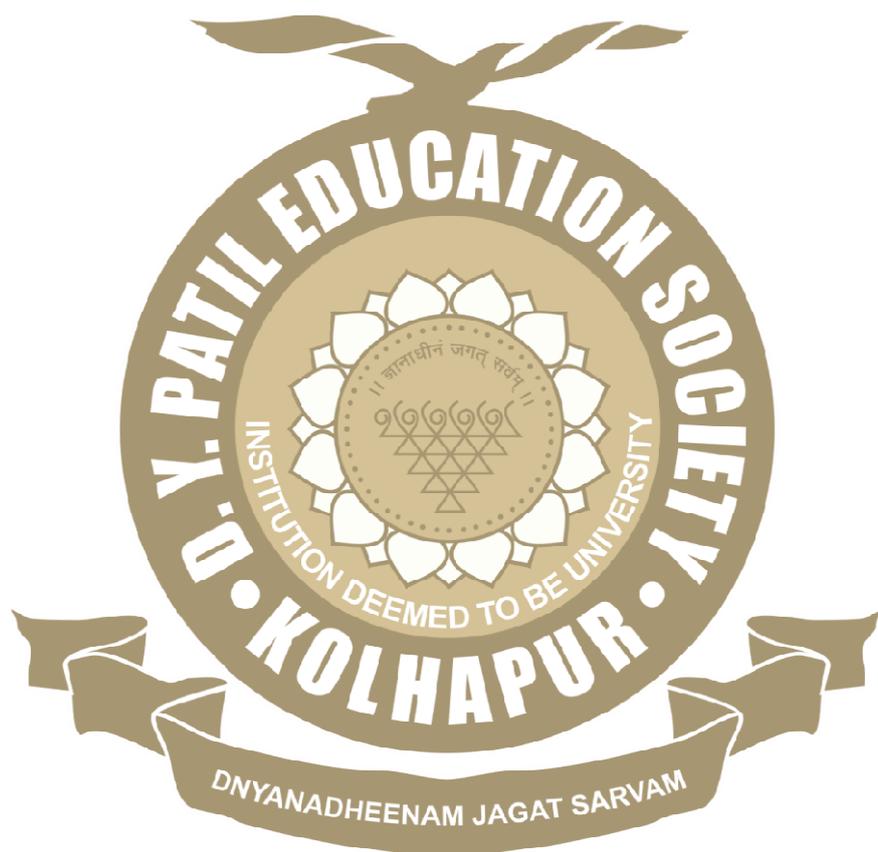
In this regard, I am grateful to the office team in preparing this Annual Report with the theme 'Promotion of Health and Well being' showcasing the many efforts of the University in advancing health science education. This report was then scrutinized and verified by the Standing Committee and the Publication Board. It was then placed before the Academic Council for approval and recommendations to the Board of Management. The Board of Management in its meeting held on 28-03-2022 has considered the recommendation of the Academic Council and approved the same. We are expressing our sincere gratitude to these authorities.

Registrar

॥ विद्यापीठ गीत ॥

ज्ञान घेऊनी यशवंत व्हा जावे पुढे पुढे
ज्ञान विज्ञान विमुक्ततेचे झडवूया चौघडे
शिक्षण क्षेत्रातील लौकिक
डी. वाय. पाटील विद्यापीठ
ज्ञानाधिनिम् जगत् सर्वम् ॥ धृ ॥
आम्ही डी. वाय. ची लेकरे
नव्या क्षितिजाची पाखरे
ज्ञानाधिनिम् जगत् सर्वम् ॥ धृ ॥
उच्च शिक्षण हाचि ध्यास
डीवायर्जीचा झाला ध्यास
मार्गदर्शन आशीर्वाद
दादांची लाभली ही साथ
समाजसेवा, लोक जागृती, नांदे नित्य मनांत !
शिक्षण क्षेत्रातील हे पाऊल
नवेच पाऊल नवीच चाहूल
ज्ञानसेवा आणि संशोधन
यासाठी वेचियले तनमन
सर्वत्र पोचण्या वैद्यकसेवा, घडली हो पायपीट !
निवारण, सर्वांगीण विकास
आरोग्याचा लागे ध्यास
मूल्य शिक्षण, तत्त्व शिक्षण
सुयोग्य होते नीतीशिक्षण
आरोग्य ही स्वरी धन संपदा, मनी बांधिली गाठ !
ज्ञानसेवा विकसित केली
ही शून्यातून, विश्वनिर्मिती
ज्ञानार्जनातून घडते सेवा
मूल्य, तत्त्व, निती हा ठेवा
संजय आणि सतेज यांचा कार्या लाभे हात !
अंधाराला उजळीत जावे
यश कीर्तीला जिंकीत जावे
ग्रामीणतेचा विकास व्हावा
ज्ञानाचा नव सूर्य पहावा
ध्येयासाठी, पाऊल पुढती, हीच आता वहिवाट !

CHAPTER 2



UNIVERSITY AUTHORITIES

Authorities of the University

Chancellor	:	Dr. Sanjay D. Patil
Vice -Chancellor	:	Dr. Rakesh Kumar Mudgal
Pro-Vice-Chancellor	:	Dr. Ms.Shimpa Sharma
Registrar	:	Dr. Vishwanath V. Bhosale
Finance Officer	:	Mr. Shridhar Raj Anantha Narayanaswamy
Controller of Examinations	:	Mr. Arun C. Powar (Up to 31-3-2021) Dr. Ajit N. Jadhav (From 1-4-2021 onwards)
Dean, Medical Faculty	:	Dr. RakeshK. Sharma
Dean, Interdisciplinary Studies	:	Dr. Chandrakant D. Lokhande
Dean, Faculty of Allied Health Sciences	:	Prof. Ms. Suchitrarani Rathod
Principal, College of Physiotherapy	:	Dr. Javid Sagar
In-Charge Principal, Hospitality Studies	:	Mr. Rudheer Bardeskar

Authorities in Colleges

Vice-Principal	:	Dr. Ms. A. D. Patil, Professor, Department of Anatomy
Vice-Principal (Nursing)	:	Prof. Manisha Bijapurkar Professor, College of Nursing
Medical Superintendent	:	Dr. Ms. Vaishali Gaikwad, Professor, Department of Surgery
Alumni –Co-ordinator	:	Dr. B.C. Patil, Professor, Department of ENT
Associate Dean Academics Pre-clinical & Para-clinical	:	Dr. Ms. V. R. Nikam, Professor & Head, Department of Anatomy
Associate Dean- Academics Clinical & Surgical	:	Dr. Ms. V.V. Gaikwad, Professor, Department of Surgery
Associate Dean- Student Affairs	:	Dr. N. T. Venugopal, Associate Professor, Department of Biochemistry
Associate Dean- Research & Consultancy	:	Dr. Rajesh Khyalappa, Professor & Head, Department of General Medicine
Associate Dean- Allied Health Sciences	:	Dr. Milind Sabnis, Professor and Head, Department of Ophthalmology

Board of Management

Sr. No.	Name	Position
1.	Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2.	Dr. Ms.Shimpa Sharma, Pro-Vice-Chancellor	Member
3.	Deans of Faculties 1. Dr. Rakesh K. Sharma, Dean, Medical College 2. Dr. C. D. Lokhande, Dean, Interdisciplinary Studies	Member Member
4.	Three eminent academics (external) as nominated by the Chancellor. 1. Dr. Vedprakash Mishra, Chancellor, KIMS, Karad 2. Dr. J. F. Patil, Former Head, Department of Economics, Shivaji University, Kolhapur 3. Dr. Vijay Khole, Former Vice-Chancellor, University of Mumbai, Mumbai	Member Member Member
5.	UGC Nominee	Awaited
6.	Two teachers (from Professors, Associate Professors) 1. Dr. Ms. Padmaja Desai, Professor, Physiology 2. Dr. R. S. Patil, Associate Professor, Pathology	Member Member
7.	Nominee of the Sponsoring body, not exceeding four in number 1. Dr. Sanjay D. Patil, President, D. Y. Patil Education Society, Kolhapur 2. Adv. Ravi Shiralkar, Advocate 3. Mr. Raturaj S. Patil, Trustee & MLA, D. Y. Patil Education Society, Kolhapur 4. Mr. Prithviraj S. Patil, Trustee, D. Y. Patil Education Society, Kolhapur	Member Member Member Member
8.	Dr. V. V. Bhosale, Registrar	Secretary
9.	Mr. Sridhar Raj Anantha Narayanaswamy, Finance Officer	Permanent
10.	Dr. A. N. Jadhav, Controller of Examinations	Invitees

Academic Council

Sr. No.	Name	Designation
1	Vice-Chancellor Prof. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2	Pro-Vice-Chancellor Dr. Ms. Shimpa Sharma, Pro-Vice-Chancellor	Member
3	Dean(s) of Faculties; 1. Dr. Rakesh Kumar Sharma, Dean, Medical College 2. Prof. Ms. Suchitrarani Rathod, Dean, Allied Health Sciences 3. Dr. C. D. Lokhande, Dean, Interdisciplinary Studies	Member Member Member
4	Heads of the Departments; 1. Dr. Ms. V. R. Nikam, Anatomy 2. Dr. Ms. P. R. Desai, Physiology 3. Dr. B. M. Tiwale, Biochemistry 4. Dr. Ms. Archana Dhavalshankh, Pharmacology 5. Dr. Mahadeo Mane, Pathology 6. Dr. Ms. Roma Chougale, Microbiology 7. Dr. Ashutosh Potdar, FMT 8. Dr. Ms. A. V. Wagh, Community Medicine 9. Dr. R. J. Khyalappa, Medicine 10. Dr. Mohan Potdar, TB & Chest 11. Dr. G. R. Harshe, Psychiatry 12. Dr. Y. J. Phulari, I/c Dermatology 13. Dr. A. B. Kurane, Pediatrics 14. Dr. M. N. Ghatage, Surgery 15. Dr. Salim Lad, Orthopedics 16. Dr. M. M. Sabnis, Ophthalmology 17. Dr. Ms. K. R. Kulkarni, Anesthesia 18. Dr. Ms. R. S. Mane, ENT 19. Dr. Ms. Vasudha Sawant, Obst & Gyn 20. Dr. NitinWadhvani, Radiology	Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member Member
5	Professors, other than the Heads of the Departments (ten) 1. Dr. Javid Sagar, Physiotherapy College 2. Dr. S. Mohan Karuppaiyil, CIR 3. Prof. Ms. Manisha Bijapurkar, College of Nursing 4. Dr. Ms. A. D. Patil, Anatomy 5. Dr. Yadav Jeevankumar, Community Medicine 6. Dr. Ms. Sushma Jotkar, Medicine 7. Dr. Ms. Vaishali Gaikwad, Surgery 8. Dr. B. C. Patil, ENT 9. Dr. Pradeep Patil, Radiology	Member Member Member Member Member Member Member Member Member
6	Two Associate Professors from the Departments, other than the Heads of the Departments by rotation based on inter-se seniority; 1. Dr. S. M. Shadakshari, Ophthalmology 2. Dr. Ms. V. S. Vatkar, Microbiology	Member Member
7	Two Assistant Professors from the Departments by rotation based on inter-se seniority; 1. Mr. Rudheer Bardeskar, School of Hospitality 2. Dr. Devavrat Harshe, Psychiatry	Member Member

8	<p>Three persons from amongst educationists of repute or persons from any other field related to the activities of the Institution Deemed to be University who are not in the service of the Institution Deemed to be University, nominated by the Vice-Chancellor.</p> <ol style="list-style-type: none"> 1. Dr. M. M. Ali, Director, CSIBER 2. Dr. Sonali Jadhav, Principal, AISSMS, College of HMCT, Pune 3. Dr. SatishPatki, Patki Hospital, Kolhapur 	Member Member Member
9	<p>Three persons who are not teachers, co-opted by the Academic Council for their specialized knowledge;</p> <ol style="list-style-type: none"> 1. Dr. Vijay Janardhan Fulari, Professor & Head, Department of Physics, Shivaji University, Kolhapur 2. Dr. Devendra Lingojar, Director ATG Lab, Biotechnology Research Laboratory, Pune 3. Dr. Daksha Dixit, Dean Academics, KLE University, J.N. College, Nehru Nagar, Belagavi 	Member Member Member
10	Dr. V. V. Bhosale, Registrar	Secretary

Planning & Monitoring Board

Sr. No.	Name	Designation
1	Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2	Dr. Ms. Shimpa Sharma, Pro-Vice-Chancellor	Member
3	<p>Seven Internal Members</p> <ol style="list-style-type: none"> 1. Dr. R. K. Sharma, Dean, Medical College 2. Dr. C. D. Lokhande, Research Director 3. Prof. Suhasinee Rathod, Principal, Nursing College 4. Dr. Javid Sagar, Principal, Physiotherapy College 5. Mr. Rudheer Bardeskar, I/C Principal, Hospitality Studies 6. Dr. Ms. V. V. Gaikwad, Professor Surgery and MS 7. Dr. Rajendra Mane, Associate Professor, Medicine 	Member Member Member Member Member Member Member
4	<p>Three outside eminent experts</p> <ol style="list-style-type: none"> 1. Dr. Chandrakant Kokate, Former Vice-Chancellor, KLE University, Belgaum. 2. Dr. Medha Joshi, HOD, Allied Health Sciences, Ramaiah University of Applied Sciences, Bangalore 3. Dr. Satish Deopujari, Chairman Academics, Nelson Mother and Child Hospital, Nagpur 	Member Member Member
5	Dr. V. V. Bhosale, Registrar	Secretary

Finance Committee

Sr. No.	Name	Designation
1	Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2.	Dr. Ms. Shimpa Sharma, Pro-Vice-Chancellor	Member
3.	A person nominated by the Society or Trust Dr. Sanjay D. Patil, President	Member
4.	Two nominees of the Board of Management, one of whom shall be a member of the Board. 1. Dr. Ms. Padmaja Desai, Professor, Physiology 2. Mr. Rajesh Lohia, Chartered Accountant	Member Member
5.	A representative of the Central Government Vacant	Member
6.	Mr. Sridhar Raj AnanthaNaranayaswamy, Finance Officer	Secretary

Board of Studies Nursing

Sr. No.	Name	Designation
1.	Prof. Ms. Suchitrarani Rathod, Principal	Chairman
2.	Dr. Nilima R. Bhore, Principal, Bharati Vidyapeeth Nursing College, Sangli	External Expert-Member
3.	Dr. Sudha A. Raddi, Principal, KLE Institute of Nursing Sciences, Belgaum	External Expert-Member
4.	Prof. Manisha Bijapurkar, Vice-Principal, Nursing College	Member
5.	Prof. Sunilkumar Awate, Professor, Nursing	Member
6.	Prof. Janaki Shinde, Professor, Nursing	Member
7.	Mrs. Sheetal Kamble, Associate Professor, Nursing	Member

Board of Studies Pre-Clinical

Sr. No.	Name	Designation
1.	Dr. Ms. P. R. Desai, Head, Department of Physiology	Chairman
2.	Dr. Ms. V. R. Nikam, Head, Department of Anatomy	Member
3.	Dr. B. M. Tiwale, Head, Department of Biochemistry	Member
4.	Dr. Ms. A. D. Patil, Professor, Department of Anatomy	Member
5.	Dr. Ms. V. S. Patil, Professor, Department of Biochemistry	Member
6.	Dr. Ms. S. M. Tiwale, Professor, Department of Physiology	Member

7.	Dr. Ms. A.R. Gune, Associate Professor, Department of Anatomy	Member
8.	Dr. Arun Karmalkar, Associate Professor, Department of Anatomy	Member
9.	Dr. Ms. Amruta Kumbhar, Assistant Professor, Department of Physiology	Member
10.	Dr. Archana R. Patil, Assistant Professor, Department of Biochemistry	Member

Board of Studies Para-Clinical

Sr. No.	Name	Designation
1.	Dr. Ms. A. Dhawalshankh, Head, Department of Pharmacology	Chairman
2.	Dr. Ms. S. S. More, Head, Department of Pathology	Member
3.	Dr. Ms. Roma Chougale, Head, Department of Microbiology	Member
4.	Dr. Ashutosh Potdar, Head, Department of FMT	Member
5.	Dr. Mahadeo Mane, Professor, Department of Pathology	Member
6.	Dr. Ms. S. S. Patil, Associate Professor, Department of Pharmacology	Member
7.	Dr. Ms. Sunita B. Patil, Associate Professor, Department of Pathology	Member
8.	Dr. Ms. V. S. Vhatkar, Associate Professor, Department of Microbiology	Member
9.	Dr. Rathod Pratapsingh, Assistant Professor, Department of FMT	Member

Board of Studies Medicine&Allied

Sr. No.	Name	Designation
1.	Dr. A. B. Kurane, Head, Department of Pediatrics	Chairman
2.	Dr. R. J. Khyalappa, Head, Department of Medicine	Member
3.	Dr. M. P. Potdar, Head, Department of T.B. & Chest	Member
4.	Dr. G. R. Harshe, Head, Department of Psychiatry	Member
5.	Dr. Ms. A. V. Wagh, Head, Department of Community Medicine	Member
6.	Dr. V. R. Wagh, Professor, Department of Medicine	Member
7.	Dr. Ms. N. B. Patil, Professor, Department of Pediatrics	Member
8.	Dr. Ms. S. K. Jotkar, Professor, Department of Medicine	Member
9.	Dr. Yadav Jeevankumar, Professor, Department of Community Medicine	Member
10.	Dr. Mohan Patil, Professor, Department of Pediatrics	Member
11.	Dr. Rajendra R. Mane, Associate Professor, Department of Medicine	Member
12.	Dr. Yoganand J. Phulari, Associate Professor, Department of DVL	Member
13.	Dr. Ms. Pallavi Potdar, Associate Professor, Department of Community Medicine	Member
14.	Dr. D. G. Harshe, Assistant Professor, Department of Psychiatry	Member
15.	Dr. T. A. More, Assistant Professor, Department of Community Medicine	Member

Board of Studies Surgery&Allied

Sr. No.	Name	Designation
1.	Dr. M.M. Sabnis, Head, Department of Ophthalmology	Chairman
2.	Dr. R. M. Kulkarni, Head, Department of Surgery	Member
3.	Dr. Ms. K. R. Kulkarni, Head, Department of Anaesthesia	Member
4.	Dr. Ms. R. S. Mane, Head, Department of ENT	Member
5.	Dr. Salim Lad, Head, Department of Orthopedics	Member
6.	Dr. N. D. Wadhvani, Head, Department of Radio-Diagnosis	Member
7.	Dr. M. N. Ghatage, Professor, Department of Surgery	Member
8.	Dr. Ms. V. V. Gaikwad, Professor, Department of Surgery	Member
9.	Dr. P. G. Kulkarni, Professor, Department of Orthopedics	Member
10.	Dr. SachinPhirke, Professor, Department of Orthopedics	Member
11.	Dr. Niranjana B. Patil, Professor, Department of Radio-Diagnosis	Member
12.	Dr. B. C. Patil, Professor, Department of ENT	Member
13.	Dr. Pradeep Patil, Professor, Department of Radio-Diagnosis	Member
14.	Dr. S. M. Shadakshari, Associate Professor, Department of Ophthalmology	Member
15.	Dr. Ms. S. S. Patil, Associate Professor, Department of Anesthesiology	Member
16.	Dr. AbhinandanKadiyal, Assistant Professor, Department of Surgery	Member
17.	Dr. Ms. Sunetra Deshpande, Assistant Professor, Department of Anesthesiology	Member

Board of Studies Obstetrics & Gynecology

Sr. No.	Name	Designation
1.	Dr. Rakesh K. Sharma, Professor and Dean	Chairman
2.	Dr. Ms. V. D. Sawant, Head, Department of Obstetrics & Gynecology	Member
3.	Dr. Ms. Sangeeta Desai, Associate Professor	Member
4.	Dr. Ms. Neelima Shah, Associate Professor	Member
5.	Dr. Hrishikesh Joshi, Assistant Professor	Member

Board of Studies Physiotherapy

Sr. No.	Name	Designation
1.	Dr. Javid Sagar, Principal, D. Y. Patil College of Physiotherapy	Chairman
2.	Dr. Amruta Doijad, Associate Professor	Member
3.	Dr. Umiya Pathan, Assistant Professor	Member
4.	Dr. Adhiksha Pandit, Assistant Professor	Member

Board of Studies Hospitality Studies

Sr. No.	Name	Designation
1.	Mr. Rudheer Bardeskar, In-Charge Principal, D. Y. Patil School of Hospitality	Chairman
2.	Dr. Sonali Jadhav, Chairman, Principal, AISSMS College of Hotel Management & Catering Tech. Pune	Member
3.	Dr. Milind Peshave, Pune- Chairman for Food Productions Subjects	Member
4.	Dr. Seema Zagade, Pune- Chairman Accommodations Operations Subjects	Member
5.	Mr. Chintamani Sahastrabuddhe, Pune- Member of Food Production Subjects	Member
6.	Ms. Rajeshree Pol, Pune- Chairman Food & Beverage Service Subjects	Member
7.	Dr. Anuradha Karmarkar, Pune- Chairman, Allied Subjects	Member
8.	Dr. Meyola Fernandes, Pune- Member Accommodations Operations Subjects	Member
9.	Mr. Suraj Mhashalkar, Pune- Member Food & Beverage Service Subjects	Member
10.	Ms. Prachi Wani, Pune- Member Allied Subjects	Member
11.	Ms. Catherine Lobo, Pune- Member French Subject	Member
12.	Mr. Rohan Hawaldar, Assistant Professor	Member

Board of Studies Medical Physics

Sr. No.	Name	Designation
1.	Dr. C. D. Lokhande, Dean, Center for Interdisciplinary Research	Chairman
2.	Dr. Ms. P. N. Pawaskar, Assistant Professor	Member
3.	Dr. V. M. Khot, Assistant Professor	Member
4.	Prof. R.G. Sonkawade, Professor, Department of Physics, Shivaji University, Kolhapur	Member
5.	Dr. K. Mayakannan, Assistant Professor	Member

Board of Studies Stem Cells & Regenerative Medicine and Medical Biotechnology

Sr. No.	Name	Designation
1.	Prof. S. Mohan Karuppayil, Head	Chairman
2.	Dr. Meghnad Joshi, Associate Professor	Member
3.	Dr. Arpita Tiwari, Assistant Professor	Member
4.	Dr. Ashwini Jadhav, Assistant Professor	Member
5.	Dr. Shivaji Kashte, Assistant Professor	Member
6.	Prof. K. D. Sonawane, Professor, Department of Microbiology, Shivaji University, Kolhapur	Co-opted Member

Board of Studies in B.Sc. in Medical Radiography & Imaging Technology (BRIT)

Sr.No.	Name	Designation
1	Dr. Nitin Wadhvani, Professor, & Head Department of Radiology	Chairman
2	Dr. Pradeep Patil, Professor, Department of Radiology	Member
3	Dr. C. D. Lokhande, Dean, Center for Interdisciplinary Research	Member
4	Dr. Vishwajeet Khot, Assistant Professor, Department of Medical Physics	Member
5	Dr. Sunil Shah, Associate Professor, KIT College of Engineering, Gokul Shirgaon, Kolhapur	Member
6	Dr. M.M. Sabnis, Professor & Head Department of Ophthalmology	Member

Board of Studies in Bachelor of Optometry (B.Optom)

Sr.No.	Name	Designation
1	Dr. M.M. Sabnis, Professor & Head Department of Ophthalmology	Chairman
2	Dr. S. M. Shadakshari, Associate Professor, Department of Ophthalmology	Member
3	Dr. Vishwajeet Khot, Assistant Professor, Department of Medical Physics	Member
4	Dr. R. S. Patil, Retired Associate Professor, Shivaji University, Kolhapur	Member
5	Dr. Mansing V. Takale, Assistant Professor, Department of Physics, Shivaji University, Kolhapur	Member
6	Dr. Nitin Wadhvani, Professor, & Head Department of Radiology	Member

Board of Studies in B.Sc. in Medical Laboratory Technology (BMLT)

Sr.No.	Name	Designation
1	Dr. B. M. Tiwale, Head, Department of Biochemistry	Chairman
2	Dr. R. S. Patil, Retired Associate Professor, Shivaji University, Kolhapur	Member
3	Dr. Ms. A.R. Gune, Associate Professor, Department of Anatomy	Member
4	Dr. Ms. V. S. Vatkar, Associate Professor, Department of Microbiology	Member
5	Dr. M.M. Sabnis, Professor & Head Department of Ophthalmology	Member
6	Dr. Nitin Wadhvani, Professor, & Head Department of Radiology	Member

Board of Studies in B.Sc. in Operation Theatre Technology (BOTT)

Sr.No.	Name	Designation
1	Dr. Mansing Ghatge, Professor, Department of Surgery	Chairman
2	Dr. Sandip Kadam, Associate Professor, Department of Anesthesia	Member
3	Dr. M.M. Sabnis, Professor & Head Department of Ophthalmology	Member
4	Dr. Nitin Wadhvani, Professor, & Head Department of Radiology	Member
5	Dr. Vishwajeet Khot, Assistant Professor, Department of Medical Physics	Member
6	Dr. Aniket Patil, Assistant Professor, Department of Surgery	Member
7	Dr. Sheetal Desai, Assistant Professor, Department of Anesthesia	Member
8	Mr. Nikhil Petkar, Biomedical Engineer	Member
9	Mr. Pramod Khadilkar, Pramod Surgicals	Member

Board of Examination

Sr. No.	Name	Position
1	Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2	Dr. Ms. Shimpa Sharma, Pro-Vice-Chancellor	Member
3	Dr. Rakesh K. Sharma, Dean-Faculty of Medicine	Member
4	Prof. Ms. Suchitrarani Rathod, Dean-Faculty of Allied Health Sciences	Member
5	Dr. C. D. Lokhande, Dean, IDS	Member
6	Dr. B. M. Hirdekar, Evaluation Expert Former COE, Shivaji University, Kolhapur	Member
7	Dr. B. M. Tiwale, Professor & Head Department of Biochemistry	Member
8	Dr. R. V. Ranade, Professor & Head Department of DVL	Member
9	Mr. Arun C. Pawar, COE	Member-Secretary

Board of Post-Graduate Teaching and Research

Sr. No.	Name	Position
1.	The Vice-Chancellor Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2.	The Deans of faculties Dr. R. K. Sharma Dr. C. D. Lokhande	Member Member
3.	Two professors other than Principal from each college nominated by the Vice-Chancellor 1. Dr. Salim Lad, Prof. & Head, Ortho 2. Prof. Mohan K., Prof. & Head, Dept. of Biotechnology	Member Member

4.	Two experts not connected with the university nominated by the Vice-Chancellor 1. Prof. Dr. N. K. Tyagi, Head of the Department Biostatistics, KLE University, JNMC Campus, Nehru Nagar, BELAGAVI - 590 010. Karnataka, India 2. Dr. K. D. Sonawane, Professor, Department of Microbiology, Shivaji University, Vidyanagar, Kolhapur- 416 004, Maharashtra, India	Member Member
5.	Dr. V. V. Bhosale, Registrar	Member-Secretary

Internal Quality Assurance Cell (IQAC)

Sr. No.	Position	Name
1.	Chairperson: Head of the Institution	Dr. Rakesh Kumar Mudgal, Vice-Chancellor
2.	A few senior administrative officers	Dr. V.V. Bhosale-Registrar, Mr. Sridhar Raj Anantha Narayanaswamy-Finance Officer Mr. A.C. Powar- Controller of Examinations. (Upto 31-03-2021) Dr. A. N. Jadhav (From 1-4-2021 onwards)
3.	Three to eight teachers	1. Dr.R.K.Sharma, Dean, D. Y. Patil Medical College 2. Dr.C.D.Lokhande, Research Director, Centre for Interdisciplinary Research 3. Dr. Vaishali Gaikwad, Prof. Surgery, Assoc. Dean 4. Dr. Sunita Tiwale, Prof. Physiology 5. Dr. Sunita Patil, Assoc. Prof. Pharmacology 6. Dr. Nivedita Patil, Prof. Padiatrics 7. Ms. Manisha Bijapurkar, Vice-Principal, Nursing 8. Dr. Javid Sagar, Principal, Physiotherapy 9. Mr. Rudheer Bardeskar, I/C Principal, Hospitality
4.	One member from the Management	1. Dr. Sanjay D. Patil, President of the Sponsoring Society 2. Dr. J. F. Patil, Member Board of Management
5.	One/two nominees from local society, Students and Alumni	Dr. T.V.G. Sarma, IQAC Co-ordinator, CSIBER
6.	One/two nominees from Employers/Industrialists/Stakeholders	Prof. D. N. Kashid, Prof. Statistics, Shivaji University, Kolhapur
7.	Students Representatives	1. Mr.Shubham Gupta, Student 2.Dr. Varun Damle, PG Student
8.	One of the senior teachers as the Coordinator/Director of the IQAC.	Dr. Ms. Shimpa Sharma, Coordinator

Internal Complaints Committee

Sr. No.	Name	Designation
1	Senior Woman Faculty Dr. Ms. Ashalata D. Patil, Professor and Vice-Principal, D. Y. Patil Medical College, Kolhapur	Chairman/ Presiding officer
2	Teaching faculties 1. Dr.Ms. S. S. More, Professor and Head, Department of Pathology 2. Dr. Ms. VaishaliGaikwad, Professor, Department of Surgery 3. Mr. Sunil Kumar Awate, Professor, Nursing College 4. Dr.SuhasKulkarni, Associate Professor, Department of Pediatrics 5. Dr. BharatiGhotane, Tutor, Department of Anatomy	Member Member Member Member Member
3	Three students one each from UG, PG and Research Scholars 1. Mr. HaroonSiddiqui (PG Student General Medicine) 2. Ms. KritiKumariShah(1 st MBBS) 3. Ms. PoojaKadam (B.Sc. Nursing)	Member Member Member
4	One Member from NGO Dr. Amar Adake, President, MaitreyPratishthan	Member

Gender Sensitization & Woman Development Cell

Sr. No.	Name	Designation
1	Dr. ArchanaDhawalshankh, Professor and Head, Pharmacology	Chairperson
2	Dr. NiveditaPatil, Professor, Department of Pediatrics	Member
3	Prof. Ms. JanakiShinde, Professor, Nursing	Member
4	Dr. ArunKarmalkar, Associate Professor, Department of Anatomy	Member
5	Dr. AshutoshPotdar, Associate Professor and Head, Department of FMT	Member
6	Mr. AnandaBandgar, Lab Technician, Department of Anatomy	Member
7	Ms. Sarita M. Choudhary, Front-Desk-Executive	Member
8	Ms. UjjwalaMethe, Accountant, D. Y. Patil Hospital, Kolhapur	Member
9	Ms. VedangiPramodPatil, First Year MBBS	Member
10	Mr. SanchitBele, Second Year B.Sc. Nursing	Member

Anti-Discrimination Cell

Sr. No.	Name	Designation
1	Dr. Anil B. Kurane, Professor and Head Department of Pediatrics, D. Y. Patil Medical College, Kolhapur	Chairman
2	Dr. ArvindGulbake, Assistant Professor, Center for Interdisciplinary Studies (Upto 25-1-2021)	Member-Secretary
3	Dr. MansingGhatage, Professor, Department of Surgery, D. Y. Patil Medical College, Kolhapur	Member
4	Ms. RajashreeKrushnatNirmal, Lab-Technician, Department of Biochemistry, D. Y. Patil Medical College, Kolhapur	Member
5	Ms. ManishaBijapurkar, Professor and Vice-Principal, D. Y. Patil College of Nursing, Kolhapur	Member

Anti-Ragging Committee/Monitoring Cell

Sr. No.	Name	Designation
1	Vice-Chancellor	Chairperson
2	Teaching Faculties 1. Dr. V. R. Wagh, Professor, Department of Medicine 2. Dr. SunitaPatil, Assistant Professor, Department of Pharmacology 3. Dr. Meghnad Joshi, Associate Professor, CIR 4. Mr. Amos Talsandekar, Associate Professor, D. Y. Patil College of Nursing, Kolhapur	Member Member Member Member
3	Student Representative General Secretary	Member
4	Non-Teaching representative Ms. ShwetaAmbildhok, Senior Clerk, Administration, D. Y. Patil University, Kolhapur	Member
5	Community Representative Dr. Ms. KshamaKulhalli, Professor, D. Y. Patil College of Engineering and Technology, Kolhapur	Member
6	A member for NGO- Adv. Nitin Badkar	Member
7	Dr. V. V. Bhosale, Registrar	Member-Secretary

Grievance Redressal Cell

Sr. No.	Name	Designation
1	Dr. Bipin M. Tiwale, Professor & Head, Biochemistry Department	Chairperson
2	Ms. ManishaBijapurkar, Professor and Vice-Principal, Nursing College	Member
3	Dr. Ms. AshwiniJadhav, Assistant Professor, CIR	Member
4	Dr. JeevankumarYadav, Professor, Community MedicineDepartment	Member
5	Mr. Sanjay P. Jadhav, Deputy Registrar	Member
6	Dr. PallaviPotdar, Associate Professor, Community Medicine Department	Member-Secretary

Institution's Innovation Council

1.1	President	Dr. C. D. Lokhande, Research Director, CIR
1.1.1	Vice-President	Dr. R. J. Khyalappa, Professor and Head, Medicine
1.2	Convener	Dr. Vishwajeet Khot Asst. Prof. Centre for Interdisciplinary Research, Kolhapur
1.3	Innovation activity coordinator	Dr. Arvind Gulbake, Assistant Professor (Upto 25-1-2021)
1.4	Start-up activity coordinator	Dr. S. Mohan Karuppayil, Professor & Head, Dept. of Medical Biotechnology, CIR
1.5	Internship Coordinator	Dr. Mrs. P.N. Pawaskar, Asst. Professor, Dept. of Medical Physics, CIR
1.6	IPR activity coordinator	Dr. Mrs. Arpita Tiwari, Asst. Professor, Dept. of Medical Biotechnology, CIR
1.7	Social Media Coordinator	Dr. Mrs. Vaishali Gaikwad, Prof, Dept. of Surgery
1.8	ARIIA Coordinator (Optional)	-
1.9	NIRF Coordinator (Optional)	-
1.10	Members	1) Dr. Mrs. Archana Dhavalshankh, Prof. & Head, Dept. of Pharmacology 2) Dr. Mrs. Nivedita Patil, Prof. Dept. of Pediatrics 3) Dr. Mrs. Kalpana Kulkarni, Prof & Head, Dept. of Anesthesia 4) Dr. Javid Sagar, Principal, D. Y. Patil College of Physiotherapy 5) Mr. Rudheer Bardeskar, I/c Principal, D. Y. Patil School of Hospitality, Kolhapur
2	Expert Representation: Members (Minimum 3 representative from following)	-
	2.1 IP Expert/Patent Expert	
	2.2 Startup/ Alumni entrepreneur	Dr. Mrs. Sheetal Desai, Pathologist
	2.3 Expert from nearby Industry/Industry association/Ecosystem Enablers	Mr. Mukesh Rakshit, General Manager, Hotel Sayaji, Kolhapur
	2.4 FI/Bank/Inverstor/Angel Inverstor/VC	Mr. S. P. Kole, Finance Advisor
	2.5 Nearby Incubation Centre	Dr. R. K. Kamat, Director, IQAC Shivaji University, Kolhapur
3	Student Representation	
3.1	Innovation coordinatorMembers	1) Ms. Prity Bagwade, Ph.D. Scholar

		2) Dr. Mohit Borde, 2 nd Year PG, Medicine
3.2	Startup coordinator Member	1) Dr. Gowtham Thakur, 2 nd Year PG, Surgery 2) Arunkumar P., Ph.D.Scholar
3.3	Internship coordinator Members	1) Satish Bajirao Jadhav, Ph.D. Scholar 2) Ms. Madhura Chougale, 1 year B.Sc. Hospitality
3.4	IPR coordinator Members	1) Ms. Rohini Kamble. II year B.Sc. Nursing 2) Dr. Kaveri Udagave, Ph.D. Scholar
3.5	Social Media Coordinator Members	1) Mr. Suraj Anandrao Khalate. Ph.D. Scholar 2) Ms. Siddhida Madki, I year B.P.Th.
3.6	General Members	1) Dr. Amruta Nitin Kumbhar, Ph.D. Scholar 2) Mr. Malavekar Dhanaji Balaso, Ph.D. Scholar 3) Mr. Mane Vikas Jayawant, Ph.D. Scholar 4) Dr. M. Pandian, Ph.D. Scholar 5) Mr. Pujari Sachin Shivaji, Ph.D. Scholar 6) Mr. Sadavar Shrikant Vaiju, Ph.D. Scholar 7) Ms. Shinde Rohini Balaso, Ph.D. Scholar 8) Ms. Thombare Sohan Shrimant, Ph.D. Scholar 9) Mr. Ubale Shivaji Bhaurao, Ph.D. Scholar 10) Mr. Chitare Yogesh Murlidhar, Ph.D. Scholar 11) Ms. Kulkarni Shirin Prasad, Ph.D. Scholar 12) Ms. Chougule Sayali Ashok, Ph.D. Scholar

Hospital Infection Control Committee

Sr. No.	Name	Designation
1	Dr. R. K. Sharma, Dean	Chairman
4	Dr. Roma Chougale, Professor & Head, Microbiology	Co-Chairman
2	Dr. V.V. Gaikwad, Medical Superintendent	Coordinator
5	Dr. V. S. Vatkar, Associate Professor, Microbiology	Secretary
3	Dr. S. R. Urunkar, Hospital Quality coordinator	Member
5	Dr. Reena Dighe, Assistant Professor, Microbiology	Member
6	Dr. V. D. Somvanshi, Assistant Professor, Microbiology	Member
7.	Dr. Rajesh Khyalappa, Professor and Head, Medicine	Member
5	Dr.R. M .Kulkarni, Professor and Head, Surgery	Member
6	Dr. A.B. Kurne, Professor and Head, Pediatrics	Member
7	Dr. M. M. Sabnis, Professor and Head Ophthalmology	Member
8	Dr. S. A. Lad, Professor and Head, Orthopedics	Member
9	Dr. Vasudha Sawant, Professor and Head, Obstetrics and Gynecology	Member
10	Dr. R. S. Mane, Professor and Head, ENT	Member
11	Dr. K. R. Kulkarni, Professor and Head, Anesthesia	Member
12	Dr. Anjali Wagh, Professor and Head, Community Medicine	Member

13	Dr. Rajendra Mane, I/c ICU	Member
14	Dr. Nivedita Patil, I/c NICU	Member
15	Dr. Abhijeet Korane, I/c Dialysis Unit	Member
16	Dr. K. P. Patil, I/C CMO Casualty	Member
17	Ms. Ashalata Chopade, Nursing Superintendent	Member
19	Ms. Greycy Mandlik, Sister I/C SICU	Member
20	Ms. Pratiksha Daware, Sister I/C NICU	Member
21	Ms. Rupa Kadam, Sister I/C Dialysis Unit	Member
22	Ms. Sanjyoti Shirolkar, I/C OT	Member
23	Mr. Ajit Patil, Administrative Officer	Member
24	Dr. Sushama Jotkar, Consultant Intensives	Member
25	Mr. Amos Talsandekar, Infection Control Nurse	Member
26	Ms. Urmila Kharkar, Infection Control Nurse 2	Member
27	Mr. Jagannath Kengar, Infection Control Nurse 3	Member
28	Ms. Deepali Waydande, Infection Control Nurse 4	Member

Medical Education Unit

Sr. No.	Name	Designation
1	Dr. R. K. Sharma, Dean	Head/Office In-charge
2	Dr.Sunita Tiwale, Professor, Physiology	Coordinator
3	Dr. Vaishali Patil, Professor, Biochemistry	Coordinator
4	Dr. Shimpa Sharma, Pro-Vice-Chancellor & Professor	MEU Member
5	Dr. Suhas Kulkarni, Associate Professor, Pediatrics	MEU Member
6	Dr. Vasudha Sawant, Professor, Obst & Gyn	MEU Member
7	Dr. Rajesh Khyalappa, Professor, Medicine	MEU Member
8	Dr. Ashutosh Potdar, Professor, FMT	MEU Member
9	Dr.Jeevankumar Yadav, Professor, Community Medicine	MEU Member
10	Dr. Devavrat Harshe, Associate Professor, Psychiatry	MEU Member
11	Dr. Archita Patil, Associate Professor, Anesthesia	MEU Member
12	Dr. Vishwashanti Vatkar, Associate Professor, Microbiology	MEU Member
13	Dr. Anita Gune, Associate Professor, Anatomy	MEU Member
14	Dr. Arun Karmalkar, Associate Professor, Anatomy	MEU Member
15	Dr. Bipin Tiwale, Professor, Biochemistry	MEU Member
16	Dr. Snehadeep Patil, Associate Professor, Community Medicine	MEU Member

Entrepreneurship Cell

Sr. No.	Name	Designation
1	Dr. Jeevankumar U.Yadav, Professor, Community Medicine	Coordinator
2	Dr.J.S. Shete, Asso. Prof, Community Medicine	Member
3	Dr.V.G.Nikam, Tutor, Community Medicine	Member

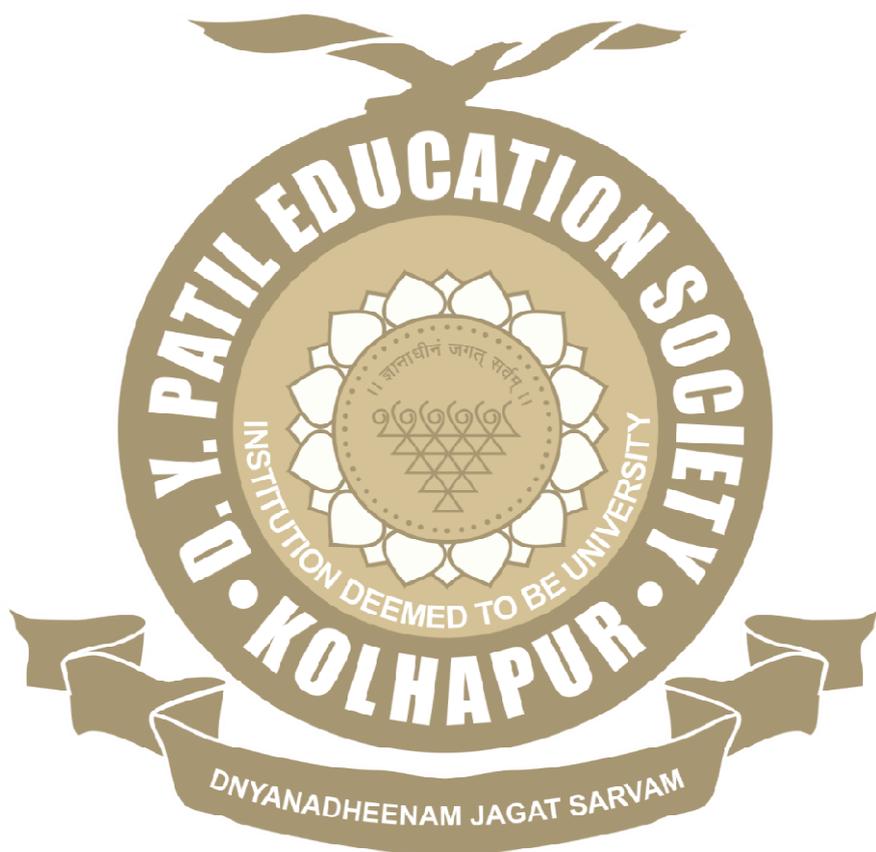
Hostel Committees

Sr. No	Name	Designation
GIRLS' HOSTEL COMMITTEE		
1	Dr. Ashalata Patil, Vice-Principal and Professor	In-Charge
2	Dr. Roma A. Chougale, Professor and Head of Microbiology	Member
3	Dr. Sunita S Patil, Associate Professor in Pharmacology	Member
4	Smt. Anjali Deshpande Warden	Member
5	Smt. Neeta Patil Warden	Member
BOYS' HOSTEL COMITTEE		
6	Dr. Venugopal Gupta, Associate Dean & Associate Professor Biochemistry	In-Charge
7	Dr. Arun Karmalkar, Associate Professor in Anatomy	Member
8	Dr. Sneehdeep Patil, Associate Professor in Community Medicine	Member
9	Mr. Pandian, Tutor, Department of Physiology	Member
10	Mr. Vishal Pujari, Rector/Office In-charge	Member

Students Advisory Committee of Bioethics Unit

Sr. No.	Name	Designation
1	Dr. Rakesh Kumar Mudgal, Vice-Chancellor	Chairman
2	Dr. Shimpa Sharma, Pro-Vice-Chancellor	Member
3	Dr. R. K. Sharma, Dean	Co-Lead Chair
4	Dr. Mrs. A. R. Gune, Associate Professor, Anatomy	Secretary
5	Dr. Milind Sabnis, Professor & Head, Ophthalmology	Member
6	Dr. Sushama .K. Jotkar, Professor, Medicine	Member
7	Dr. A. B. Potdar, Associate Professor & Head, Forensic Medicine	Member
8	Dr. Sunita Patil, Associate Professor, Pathology	Member
9	Dr. Arun S. Karmalkar, Associate Professor, Anatomy	Member
10	Dr. Suhas Kulkarni, Associate Professor, Pediatrics	Member
11	Dr. Arvind Gulbake, Assistant Professor & Coordinator, R & D	Member
12	Dr. Ravindra Patil, Assistant Professor, Orthopedics	Member
13	Mrs. Sheetal Kamble, Associate Professor, College of Nursing	Member

CHAPTER 3



MEETINGS

Board of Management

Sr. No.	Date	Important Resolutions
1.	05-10-2020	<ol style="list-style-type: none"> 1. Approved the UGC Guidelines on Academic Calendar for the first year of Under-Graduate and Post-Graduate students of the universities for the session 2020-21 in view of COVID-19 Pandemic and the resolution passed by the Academic Council and action taken by Hon'ble Vice-Chancellor thereof. 2. Noted that the IQAC has taken innovative steps to progress the performance of the departments. It was suggested to consider for <ol style="list-style-type: none"> 1. Identification for special assistance 2. Identification of department for potential for excellence. On the lines of the UGC scheme of potential for excellence. 3. Noted the status Report of the University Examinations August/September 2020. 4. Noted the ratification of action taken by the Hon'ble Vice-Chancellor to decide the fee structure of new programmes. 5. Authorized Hon'ble Vice-Chancellor to constitute Fee Fixation Committee for 2021-22 to 2023-24. 6. Approved to construct additional rooms/space for PG hostel in Dr. D. Y. Patil Medical College Hospital and Research Institute. 7. Approved to construct additional floors on the Nursing College building at Kadamwadi, Kolhapur. 8. Approved to execute Simulation Centre Lease agreement with Rajveer Global Consultancy LLP. 9. Approved to start PG DMLT programme from the academic year 2020-21. 10. The Board appreciated the tremendous work done by the hospital in COVID-19 Pandemic.
2.	02-12-2020	<ol style="list-style-type: none"> 1. Accepted, in principle, the proposal of construction of independent building for Medical College in the premises of Dr. D. Y. Patil Medical College Hospital and Research Institute, Kadamwadi, Kolhapur. Hon'ble members brought to the notice that, recently, there is an announcement of new norms of height of buildings in Kolhapur Corporation area, which is now permissible upto 70 mtrs. Therefore number of floors may be decided accordingly as per the new norms. It was also resolved that the Finance Committee should verify and assess financial implications. Entire plan be placed before the Board of Management for consideration. 2. Approved to construct Boys and Girls hostels in Dr. D. Y. Patil

Sr. No.	Date	Important Resolutions
		<p>Medical College Hospital and Research Institute, in principle. It was also resolved that the Finance Committee should verify and assess financial implications. Entire plan be placed before the Board of Management for consideration.</p> <p>3. Discussed at length on the presentations given by various architects and resolved to authorize Hon'ble Vice-Chancellor to take all cogent actions in this matter. The Board desired that all actions regarding planning and getting permission from local governing authorities may be sought before March 2021 and actual construction should be started in April 2021.</p>
3.	16-02-2021	<ol style="list-style-type: none"> 1. Approved the names of the candidates for admission to the Degrees, Diplomas and Certificates as provided under R445. 2. Accepted the recommendation of the Academic Council to confer D.Lit. (Honoris Causa) on Shri. Kuntinath Devendra Karake-Patil, Social Worker and Famous Poet and Writer. 3. Accepted the audited statement of accounts for the financial year 2019-20, as recommended by the Finance Committee. 4. Noted the Circular No. Misc. 2021/6/Uni-3 dated 03-02-2021 issued by Higher & Technical Education Department of the State of Maharashtra regarding reopening of Educational institutions from 15-02-2021. 5. Congratulated all those who were involved in the process of certification of ISO 9001:2015 of our hospital. 6. Expressed satisfaction and suggested to update about the result of NABH in next meeting. The Board suggested to continue standing mechanism of all the processes. 7. Expressed satisfaction of upgradation of infrastructure of Obstetrics and Gynecology department, wards and facilities. 8. Noted the submission of Annual Quality Assurance Report (AQAR) 2019-20 to NAAC. 9. Noted the submission of NIRF for University and Medical College. 10. Resolved to enhance intake of B.P.Th. programme from 50 to 100, by following due procedure.
4.	31-03-2021	<ol style="list-style-type: none"> 1. The Board of Management recorded the sense of thankfulness and gratitude to the Chairperson and members of the Fee Structure Committee for completion of the task assigned to them. The Chairman of the Board of Management should communicate accordingly to the committee members. Resolved to approve Fee Structure Committee report for various professional programmes run by the University for the years 2021-22, 2022-2023 & 2023-

Sr. No.	Date	Important Resolutions
		<p>2024. The minutes were read and confirmed in the same meeting of the Board of Management for this agenda item.</p> <ol style="list-style-type: none"> 2. Approved the Financial Estimates for the year 2021-22 as proposed. 3. The Board has desired that following two chapters may be added – 1) Distinctiveness of the University and 2) Healthy Practices based on various criteria as per NAAC. Also approved the Annual Report 2019-2020 (for the period 01-07-2019 to 30-06-2020). 4. Approved to establish Department of Emergency Medicine in view of the new guidelines of National Medical Commission. 5. Faculty under which the programme to be started, should be Faculty of Science and Technology or Faculty of Science, Not CIR, if need be a clarification from Shivaji University, Kolhapur. Resolved to start M.Sc. Physics with 30 intake from the academic year 2021-22 with permission from UGC. 6. The Research Director Prof. C. D. Lokhande has got two honours– one is he has crossed 30,000 citations, H-index 92 and i10 index 443 and the another is the Science and Engineering Research Board of Department of Science and Technology, Government of India has issued approval letter dated 19-03-2021 for the project titled 'Asymmetric Solid State Supercapacitor for Energy Storage' to the Research Director Prof. C. D. Lokhande. This is SERB Technology Translation Award (SERB-TETRA).The board congratulated Dr. C. D. Lokhande for his achievements.

Academic Council

Sr. No.	Date	Important Resolutions
1.	04-08-2020	<ol style="list-style-type: none"> 1. The Academic Council discussed at length about these UGC revised guidelines on examinations and resolved to accept the said notification for necessary action. 2. Approved the the syllabus and examination pattern of first year of Bachelor of Optometry (B.Optom.).The report of the need analysis is prepared. Regarding introduction of Bachelor of Optometry (B.Optom.)programme under the School of Allied Health Sciences has been noted. Academic and financial feasibility of the programme has been discussed. The Academic Council is pleased to grant approval for the introduction of Bachelor of Optometry (B.Optom.)programme from the academic year 2020-21.The

Sr. No.	Date	Important Resolutions
		<p>interdisciplinary nature courses within the curriculum is noted and appreciated. The Academic Council is pleased to approve the introduction of CBCS and Elective system in the Bachelor of Optometry (B.Optom.) programme. The regulation of the UGC will guide this implementation.</p> <p>3. Approved the syllabus and examination pattern of first year of B.Sc. in Operation Theatre Technology (BOTT). The report of the need analysis is prepared. Regarding introduction of B.Sc. in Operation Theatre Technology (BOTT) programme under the School of Allied Health Sciences has been noted. Academic and financial feasibility of the programme has been discussed. The Academic Council is pleased to grant approval for the introduction of B.Sc. in Operation Theatre Technology (BOTT) programme from the academic year 2020-21. The interdisciplinary nature courses within the curriculum is noted and appreciated. The Academic Council is pleased to approve the introduction of CBCS and Elective system in the B.Sc. in Operation Theatre Technology (BOTT) programme. The regulation of the UGC will guide this implementation.</p> <p>4. Approved the syllabus and examination pattern of first year of B.Sc. in Medical Laboratory Technology (BMLT). The report of the need analysis is prepared. Regarding introduction of B.Sc. in Medical Laboratory Technology (BMLT) programme under the School of Allied Health Sciences has been noted. Academic and financial feasibility of the programme has been discussed. The Academic Council is pleased to grant approval for the introduction of B.Sc. in Medical Laboratory Technology (BMLT) programme from the academic year 2020-21. The interdisciplinary nature courses within the curriculum is noted and appreciated. The Academic Council is pleased to approve the introduction of CBCS and Elective system in the B.Sc. in Medical Laboratory Technology (BMLT) programme. The regulation of the UGC will guide this implementation.</p> <p>5. Approved the syllabus and examination pattern of first year of B.Sc. in Medical Radiography & Imaging Technology (BRIT). The report of the need analysis is prepared. Regarding introduction of B.Sc. in Medical Radiography & Imaging Technology (BRIT) programme under the School of Allied Health Sciences has been noted. Academic and financial feasibility of the programme has been discussed. The Academic Council is pleased to grant approval for the introduction of B.Sc. in Medical Radiography & Imaging Technology (BRIT) programme from the academic year 2020-21.</p>

Sr. No.	Date	Important Resolutions																
		<p>The interdisciplinary nature courses within the curriculum is noted and appreciated. The Academic Council is pleased to approve the introduction of CBCS and Elective system in the B.Sc. in Medical Radiography & Imaging Technology (BRIT) programme. The regulation of the UGC will guide this implementation.</p> <p>6. Hon'ble Pro-Vice-Chancellor has placed AQuA-X-2019 result before the Academic Council, which is as below-</p> <table border="1" data-bbox="550 546 1370 866"> <thead> <tr> <th data-bbox="550 546 738 584">Prize No.</th> <th data-bbox="738 546 1134 584">Department</th> <th data-bbox="1134 546 1370 584">Score 2019-20</th> </tr> </thead> <tbody> <tr> <td data-bbox="550 584 738 703">First Prize</td> <td data-bbox="738 584 1134 703">Stem Cells & Regenerative Medicine and Medical Biotechnology</td> <td data-bbox="1134 584 1370 703">661</td> </tr> <tr> <td data-bbox="550 703 738 786" rowspan="2">Second Prize</td> <td data-bbox="738 703 1134 741">Medical Physics</td> <td data-bbox="1134 703 1370 741">629</td> </tr> <tr> <td data-bbox="738 741 1134 786">General Medicine</td> <td data-bbox="1134 741 1370 786">629</td> </tr> <tr> <td data-bbox="550 786 738 866" rowspan="2">Third Prize</td> <td data-bbox="738 786 1134 824">Anatomy</td> <td data-bbox="1134 786 1370 824">556</td> </tr> <tr> <td data-bbox="738 824 1134 866">Nursing</td> <td data-bbox="1134 824 1370 866">556</td> </tr> </tbody> </table> <p>The Council congratulated the Heads of the Departments/constituent units and their faculty for ranking in AQuA-X-2019. The council approved of the IQAC efforts to revise grouping of participating units and have means to provide fairer competition and opportunity.</p> <p>7. Approved to start following short-term courses and their syllabus and examination pattern– 1) Certificate Course in Hotel operations (One year duration), 2) Certificate Course in Bakery & Confectionery (Three months duration), as proposed.</p> <p>8. Resolved to authorize Hon'ble Vice-Chancellor to take cogent action to decide the dates of commencement and last dates of terms of the academic year 2020-21 on behalf of the Academic Council.</p> <p>9. Resolved to approve syllabus and examination pattern for second and third year of B.Sc.(Hospitality Studies). The interdisciplinary nature courses within the curriculum is noted and appreciated.</p> <p>10. Resolved to approve to upgrade the eligibility for admissions in first year B.Sc. Hospitality Studies.</p> <p>11. Approved the revision of first year B.P.Th. syllabus and the syllabus and examination pattern of second year B.P.Th. Programme. The interdisciplinary nature courses within the curriculum is noted and appreciated.</p> <p>12. It was resolved to approve to include grading result of optional, value-added courses completed by the students during the entire program in the Transcript of in the final year transcript in all</p>	Prize No.	Department	Score 2019-20	First Prize	Stem Cells & Regenerative Medicine and Medical Biotechnology	661	Second Prize	Medical Physics	629	General Medicine	629	Third Prize	Anatomy	556	Nursing	556
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Sr. No.	Date	Important Resolutions												
		<p>programme.</p> <p>13. Approved the revision of curriculum and examination pattern of M.Sc. in Medical Biotechnology as recommended by the Board of Studies in SCRM and Medical Biotechnology in its meeting held on 12-06-2020.</p> <p>14. Approved the revision of curriculum and examination pattern of M.Sc. in Stem Cell and Regenerative Medicine as recommended by the Board of Studies in SCRM and Medical Biotechnology in its meeting held on 12-06-2020.</p> <p>15. It was discussed that in case of a student of HSC-PCM group without Biology, wanting to take admission in BRIT/BMLT under PCB group, he/she may be given admission subject to completion of bridging course for Biology to be conducted in due course.</p> <p>16. Resolved to recommend to the Board of Management to change the nomenclature of DMLT programme to PG DMLT programme from the academic year 2020-21 and approved the revision of syllabus.</p>												
2.	12-02-2021	<p>1. Noted the action taken by the Hon'ble Vice-Chancellor regarding eligibility for admission to B.Sc. in Medical Laboratory Technology (B.Sc.MLT), B.Sc. in Medical Radiography and Imaging Technology (B.Sc.MRIT), Bachelor of Optometry (B.Optom.).</p> <table border="1" data-bbox="544 1173 1377 1751"> <thead> <tr> <th data-bbox="544 1173 858 1283">Programme</th> <th data-bbox="858 1173 1086 1283">Admission Eligibility earlier approved</th> <th data-bbox="1086 1173 1377 1283">Revised Admission eligibility</th> </tr> </thead> <tbody> <tr> <td data-bbox="544 1283 858 1429">B.Sc. in Medical Laboratory Technology (B.Sc.MLT)</td> <td data-bbox="858 1283 1086 1429">12th with PCBE</td> <td data-bbox="1086 1283 1377 1429">12th with PCBE/Vocational Medical Laboratory Technician Course</td> </tr> <tr> <td data-bbox="544 1429 858 1574">B.Sc. in Medical Radiography and Imaging Technology (B.Sc.MRIT)</td> <td data-bbox="858 1429 1086 1574">12th with PCBE</td> <td data-bbox="1086 1429 1377 1574">12th with PCBE/Vocational Radiology Technician Course</td> </tr> <tr> <td data-bbox="544 1574 858 1751">Bachelor of Optometry (B.Optom.)</td> <td data-bbox="858 1574 1086 1751">12th with PCBE/PCME</td> <td data-bbox="1086 1574 1377 1751">12th with PCBE/PCME/Vocational Ophthalmic Technician Course</td> </tr> </tbody> </table> <p>2. Noted the action taken by the Hon'ble Vice-Chancellor to reduce the intake capacity of B.Sc. Hospitality Studies, B.Sc. in Medical Laboratory Technology (BMLT), B.Sc. in Medical Radiography and Imaging Technology (BRIT), Bachelor of Optometry (B.Optom.), B.Sc. in Operation Theater Technology (BOTT).</p>	Programme	Admission Eligibility earlier approved	Revised Admission eligibility	B.Sc. in Medical Laboratory Technology (B.Sc.MLT)	12 th with PCBE	12 th with PCBE/Vocational Medical Laboratory Technician Course	B.Sc. in Medical Radiography and Imaging Technology (B.Sc.MRIT)	12 th with PCBE	12 th with PCBE/Vocational Radiology Technician Course	Bachelor of Optometry (B.Optom.)	12 th with PCBE/PCME	12 th with PCBE/PCME/Vocational Ophthalmic Technician Course
Programme	Admission Eligibility earlier approved	Revised Admission eligibility												
B.Sc. in Medical Laboratory Technology (B.Sc.MLT)	12 th with PCBE	12 th with PCBE/Vocational Medical Laboratory Technician Course												
B.Sc. in Medical Radiography and Imaging Technology (B.Sc.MRIT)	12 th with PCBE	12 th with PCBE/Vocational Radiology Technician Course												
Bachelor of Optometry (B.Optom.)	12 th with PCBE/PCME	12 th with PCBE/PCME/Vocational Ophthalmic Technician Course												

Sr. No.	Date	Important Resolutions
		<p>3. Noted the action taken by the Hon'ble Vice-Chancellor to increase in intake of PG DMLT from 30 to 50.</p> <p>4. Recommended to the Board of Management the names of the candidates for admission to the Degrees, Diplomas and Certificates as provided under R445.</p> <p>5. Approved the revision of syllabus of M.Sc. Programmes in Medical Physics as recommended by the Board of Studies of Medical Physics in its meeting held on 25-01-2021.</p> <p>6. Approved to start offline classes in constituent units of the university.</p> <p>7. The Academic Council congratulated all those who were involved in the process of certification of ISO 9001:2015 of our hospital.</p> <p>8. The Academic Council expressed satisfaction for upgradation of infrastructure of Obstetrics and Gynecology department, wards and facilities.</p> <p>9. The Academic Council expressed the satisfaction for creation of Simulation & Skills Centre.</p> <p>10. Noted the submission of Annual Quality Assurance Report (AQAR) 2019-20 to NAAC.</p> <p>11. Noted the Re-registration of Institutional Ethical Committee (IEC) for information.</p> <p>12. Noted the programme outcome and Course outcome syllabii of MBBS Phase I and II, B.P.Th. First year, B.Sc.(N) first and second year, M.Sc. Medical Physics first year, M.Sc. Stem Cells and Regenerative Medicine first and second year, B.Sc. Hospitality Studies first and second year.</p> <p>13. Resolved to add following few programmes.</p> <ol style="list-style-type: none"> 1. B.Sc. Audiology 2. B.Sc. Nutrition Medicine 3. M.Sc. Virology- on par with NIV 4. PG Diploma in Critical Care Nursing 5. PG Diploma in Diabetology 6. Diploma in Medicolegal Aspects <p>14. The Academic Council discussed about the suggestion of Hon'ble Chancellor for conferring D.Lit. (HonorisCausa) to Shri. KuntinathDevendraKarake-Patil, Social Worker and Famous Poet and Writer and resolved to recommend to the Board of Management to confer D.Lit. (HonorisCausa) to Shri. KuntinathDevendraKarake-Patil, for his unique contribution in the field of Social Work and Literature."</p>

Sr. No.	Date	Important Resolutions
		15. Resolved to start Fellowship in Minimal Access Surgery. The council also approved the syllabus and examination pattern of this Fellowship.
3.	24-03-2021	<ol style="list-style-type: none"> 1. Recommended the Fee Structure Committee Report for various professional programmes run by the University for the years 2021-22, 2022-2023 & 2023-2024 to the Board of Management. 2. Approved and recommended the Annual Report 2019-2020 (for the period 01-07-2019 to 30-06-2020) to the Board of Management for approval. 3. Approved the UG curriculum and examination pattern of third year B.P.Th. as recommended by the Board of Studies in Physiotherapy held on 15-02-2021. 4. Approved the revision in curriculum and the scheme of examination as recommended by the Board of Studies in Para-Clinical. 5. Approved the revision in UG and PG curriculum and the scheme of examination as recommended by the Board of Studies in Obstetrics and Gynecology in its meeting held on 16-03-2021. 6. Resolved to establish Department of Emergency Medicine and keep the proposal of starting MD Emergency Medicine pending for the time being, for the want of qualified faculty. 7. Resolved to start M.Sc. Physics with 30 intake per year from the academic year 2021-22. 8. Approved the revision in UG and PG curriculum and examination pattern. The interdisciplinary nature courses within the curriculum was noted and appreciated. 9. The council congratulated Dr. C. D. Lokhande for DST SERB – TETRA award and offered him best wishes.
4.	28-06-2021	<ol style="list-style-type: none"> 1. Approved amended rules in General Rules- No. R 555, in accordance with the University Grants Commission (Minimum Standards and Procedure for award of M.Phil./Ph.D. Degrees) Regulations 2018 (1st Amendment & 2nd Amendment). 2. Authorized Hon'ble Vice-Chancellor to decide the timetable of commencement and conclusion of terms of the Academic Year 2021-22. 3. Approved the minutes of the meeting of the Board of Studies in Pre-Clinical with following amendment-Sr. No. 1) 3. The words 'ideal cases' to be extended by 'ideal cases, video and scenario'. This would be video assisted teaching as a part of standard practice.

Sr. No.	Date	Important Resolutions
		<p>4. Approved the minutes of the meeting of the Board of Studies in Surgery & Ancillary held on 10-03-2021.</p> <p>5. Approved the minutes of the meeting of the Board of Studies in Nursing on 16-03-2021. The interdisciplinary nature of courses within the curriculum is noted and appreciated.</p> <p>6. Approved the minutes of the meeting of the Board of Studies in Stem Cell and Regenerative Medicine & Medical Biotechnology dated 06-03-2021. It was further resolved that all Board of Studies should see that whenever there will be revision in syllabus that should be quantified and this should be permanent practice. The interdisciplinary nature of courses within the curriculum is noted and appreciated.</p> <p>7. Approved the syllabus and examination pattern of M.Sc. Physics. The interdisciplinary nature of courses within the curriculum is noted and appreciated.</p> <p>8. Approved IT Audit and ICT Policy.</p> <p>9. Expressed satisfaction about the approval of starting NCC in D. Y. Patil College of Nursing, Kolhapur.</p> <p>10. Approved the modules for value-added courses, as proposed.</p> <p>11. Approved the update on RTPCR training module, as proposed.</p> <p>12. Approved the plans of activities on the occasion 75th years of India's Independence as "Bharat Ka Amrut Mahotsav" as proposed.</p> <p>13. Approved the policy on Excellence in Research Award (Ph.D.).</p> <p>14. It was resolved that the examination of IV semester of B.Sc. Hospitality studies will be conducted as and when the students complete their industrial training and submit the report. The examination of semester V of B.Sc. Hospitality studies shall be held on schedule. The students of batch 2019-2020 who have appeared for III Semester examination, irrespective of their result, they allowed to keep the term of V and VI Semester.</p>

Finance Committee

Sr. No.	Date	Important Resolutions
1.	07-08-2020	Resolved to recommend Fee Structure of new courses started by University for the year 2020-21 the Board of Management for approval.
2.	10-02-2021	Resolved to recommend audited statement of accounts for the year 2019-20 the Board of Management for approval.
3.	22-03-2021	<ol style="list-style-type: none"> 1. Resolved to recommend the report of the Fee Structure Committee on fee structure of D. Y. Patil Medical College, D. Y. Patil College of Nursing, Center for Interdisciplinary Research, D. Y. Patil College of Physiotherapy and D. Y. Patil School of Hospitality Studies & recommend the same to the Board of Management for approval. 2. Resolved to recommend financial estimates for the year 2021-22 to the Board of Management for approval.

Board of Examination

Sr. No.	Date	Important Resolutions
1	26-11-2020	The committee considered the list of panel of Paper setters/ Moderators/ Examiners are discussed and finalised. It was resolved to recommend to consider the same by the Board of Examination.
2	14-01-2021	<ol style="list-style-type: none"> 1. Noted the status Report of the University Examinations (Summer) May/August/September/December 2020. 2. Noted the report of the Declaration of Result of University Examinations (Summer) held in May, August, September, December 2020. 3. Approved the panel of paper setters/ moderators and Examiners. 4. Approved the action taken by the Hon'ble Vice-Chancellor to accept the report of the Unfair Means Committee on behalf of Board of Examinations. 5. Approved the 'University Examination Manual' (December 2020). 6. Hon'ble Vice-Chancellor is authorized to take any cogent action on behalf of Board of Examinations as and when required.

Hospital Infection Control Committee

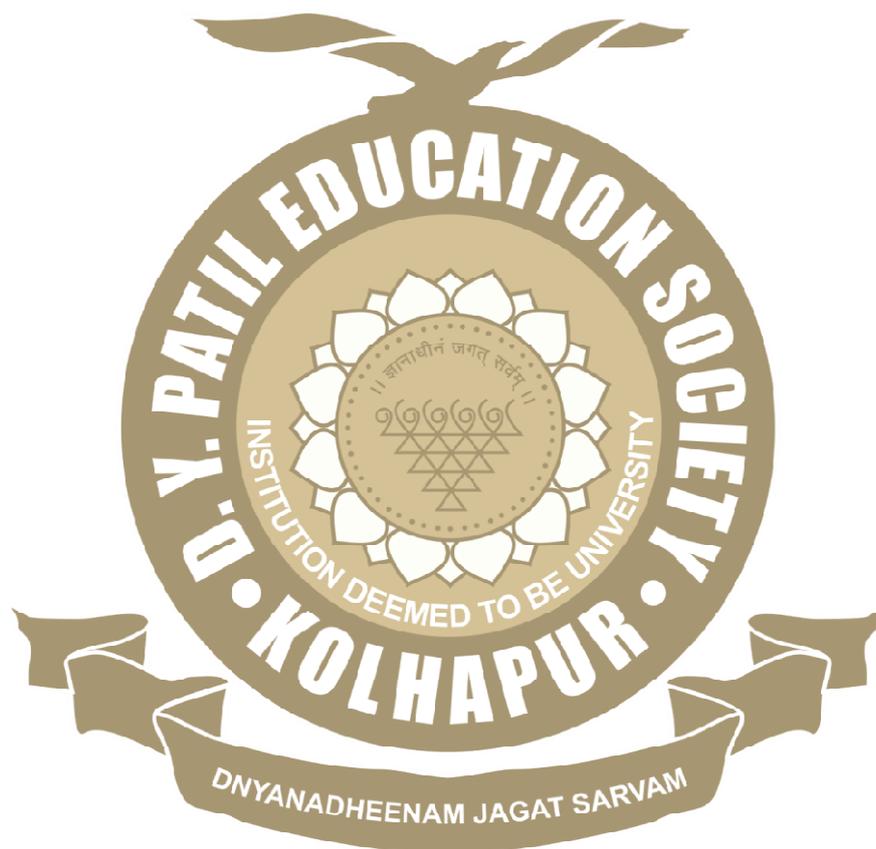
Sr. No.	Date	Important Resolutions
1.	15-09-2021	<p>Hospital infection surveillance should be done in the 1st week of every month</p> <ul style="list-style-type: none"> - Implementation of hospital antibiotic policy as per discussion for next 3 months. - Arrange lectures for sample collection for interns.
2.	25-02-2021	<p>Suggested Facility for home collection of swabs for COVID testing Put forth the duty schedule of pre & para clinical faculties in COVID-19 ward.</p> <p>Distribution of immunity boosting drink to all admitted COVID patients. Suggestion for giving Favipiravir for mild, Remedesvir for moderate and Ivermedin also as indicated, also started Teicoplanin and Tigecyclin.</p>

Hostel committee meetings

Sr. No.	Date	Important Resolutions
1	01-02-2021	<ol style="list-style-type: none"> 1. It was noted that, the First MBBS is on the way of joining the College and Hostel inmates are also joining on Thursday 4th February 2021. Also exam going students are staying in the hostel. The students joining the hostel, should produce evidence of CORONA negative test as per Government Norms. Doubtful students are to be seen carefully. Health and hygiene of students is the top-most priority, hence special efforts may be taken by the Hostel Committee. 2. It was resolved to follow the guidelines of the Government. Following measures are required to be observed: <ul style="list-style-type: none"> - Sanitization of each room, lobby, kitchen and hostel premises is to be done immediately and to be repeated weekly. - The temperature of the students should be checked while entering the Hostel premises every time. - Security personnel are trained to handle Thermometers to check the temperature at every entry of the students. Thermometers are made available to security personnel for the same. - Everybody should wash their hands frequently. Liquid hand-wash/sanitizer is made available. - Use of masks is compulsory at all times. - Students should write their body temperature while signing attendance register every evening. - Staggered meals will be provided in the mess to avoid crowding.

		<ul style="list-style-type: none"> - Students should follow all instructions regarding safety protocol for the pandemic. <p>3. The Warden is given instructions to observe hostel inmates, if there is any doubt about health of any student, he/she should immediately call the Chairperson or Committee Members and arrange for further investigation and treatment.</p>
2	01-03-2021	<p>1. The Chairman and committee members visited the hostel on regular basis and ensured that, the norms of COVID-19 are followed and confirmed the register entries of sanitization and temperature.</p> <p>2. No Complaints were registered by freshers.</p> <p>3. Breakfast variety was not provided. Caterer was given instructions about the same.</p>

CHAPTER 4

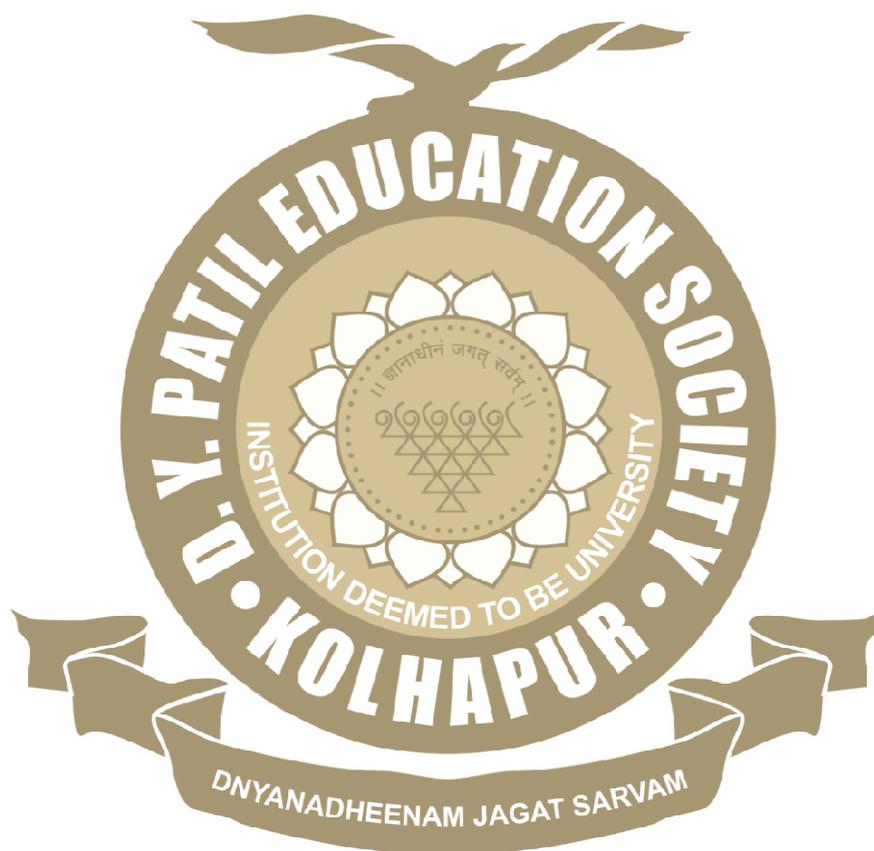


ADMISSIONS

ADMITTED STUDENTS IN THE YEAR 2020-21

Name of the course	Students enrolled									
	Gen		SC		ST		OBC		Total	
	M	F	M	F	M	F	M	F	M	F
MBBS I-2020	48	51	5	2	0	0	28	16	81	69
B.Sc.(N)- I	18	18	16	9	0	1	23	15	57	43
B. P. Th. Ist Year	4	29	1	5	0	0	4	7	9	41
B.Sc. (Hospitality Studies) Ist Year	19	11	2	2	0	0	2	2	23	15
B.Sc.RIT Ist Year	12	6	1	2	0	1	2	2	15	11
B.Sc.OTT Ist Year	2	0	0	0	0	0	3	0	5	0
B.Sc.MLT Ist Year	4	1	0	2	0	0	2	1	6	4
B.Optom. Ist Year	3	2	0	0	0	0	3	3	6	5
P.B.B.Sc.(N)-I	8	7	3	3	0	0	6	3	17	13
M.Sc.(N)- I	2	12	0	3	0	0	1	3	3	18
M.Sc. (MP) Ist Year	4	2	0	0	0	0	4	0	8	2
M.Sc. (SC&R M) Ist Year	0	1	1	0	0	0	0	0	1	1
M.Sc. (Med. Biotech.) Ist Year	2	2	0	2	0	0	0	1	2	5
Ph.D. IDS	5	7	0	0	0	0	2	1	7	8
Ph.D. Medical	0	1	0	0	0	0	0	0	0	1
PG DMLT	0	30	1	2	0	0	3	14	4	45
OT Technician	4	6	8	1	0	1	8	2	20	10
Fellowship programmes	2	5	0	0	0	0	2	1	4	6

CHAPTER 5



RESULTS

University Examination

During 2020-21, the University has conducted examination on regular basis and declared its results on the stipulated time.

Summer Examinations 2020

Sr. No.	Name Of Exam	Date Of Commencement	Last Date Of Exam	Total No. Of Students enrolled	Total No. Students Appeared	Total No. Of Students Passed	Percentage (%)	Date Of Result
1	IIInd MBBS	07.12.2020	24.12.2020	10	10	08	80.00 %	31.12.2020
2	IIIrd MBBS Part I	07.12.2020	24.12.2020	10	10	07	70.00 %	31.12.2020
3	IIIrd MBBS Part II	02.09.2020	22.09.2020	45	45	40	88.89 %	05.10.2020
4	Ist B.Sc. (N)	03.08.2020	20.08.2020	122	122	119	97.54 %	05.09.2020
5	IIInd B.Sc. (N)	03.08.2020	19.08.2020	107	107	105	99.05 %	05.09.2020
6	IIIrd B.Sc. (N)	03.08.2020	20.08.2020	51	51	51	100 %	05.09.2020
7	IVth B.Sc. (N)	02.09.2020	17.09.2020	48	48	48	100 %	01.10.2020
8	Ist P.B.B.Sc. (N)	03.08.2020	26.08.2020	28	28	26	89.66 %	10.09.2020
9	IIInd P.B.B.Sc. (N)	02.09.2020	19.09.2020	28	28	28	100 %	01.10.2020
10	Ist M.Sc. (N)	03.08.2020	11.08.2020	20	20	20	100 %	01.09.2020
11	IIInd M.Sc. (N)	02.09.2020	10.09.2020	15	15	15	100 %	15.10.2020
12	M.D./M.S.	23.05.2020	30.06.2020	35	35	35	100 %	03.07.2020
13	P.G. Diploma	23.05.2020	30.06.2020	06	06	06	100 %	03.07.2020
14	M.Sc (Sem. II) S.C.R.M.	*	*	06	06	06	100 %	10.09.2020
15	M.Sc (Sem. IV) S.C.R.M.	17.08.2020	25.08.2020	07	07	06	83.33 %	10.09.2020
16	M.Sc (Sem. II Medical Bio.)	*	*	09	09	09	100 %	10.09.2020
17	M.Sc (Sem. IV Medical Bio.)	17.08.2020	25.08.2020	12	12	12	100 %	10.09.2020
18	M.Sc (Sem. II) M.P.	*	*	10	10	10	100 %	10.09.2020
19	M.Sc. (Sem. IV) M.P.	17.08.2020	28.08.2020	10	10	10	100 %	10.09.2020
20	Ist B.P.Th.	10.08.2020	28.08.2020	50	50	50	100 %	10.09.2020
21	B.Sc. (H.S.) Sem. I	03.08.2020	25.08.2020	05	05	05	100 %	10.09.2020
22	B.Sc. (H.S.) Sem. II	03.08.2020	25.08.2020	40	40	40	100 %	10.09.2020
23	M.Sc. (Med. Biochem)	02.09.2020	16.09.2020	01	01	01	100 %	23.09.2020
24	Operation Theatre (OT) Certificate Course	18.08.2020	25.08.2020	19	19	19	100 %	10.09.2020
25	Fellowship Course	18.08.2020	18.08.2020	03	03	03	100 %	25.08.2020
26	Pre- Ph.D.	14.08.2020	19.08.2020	08	08	08	100 %	05.09.2020

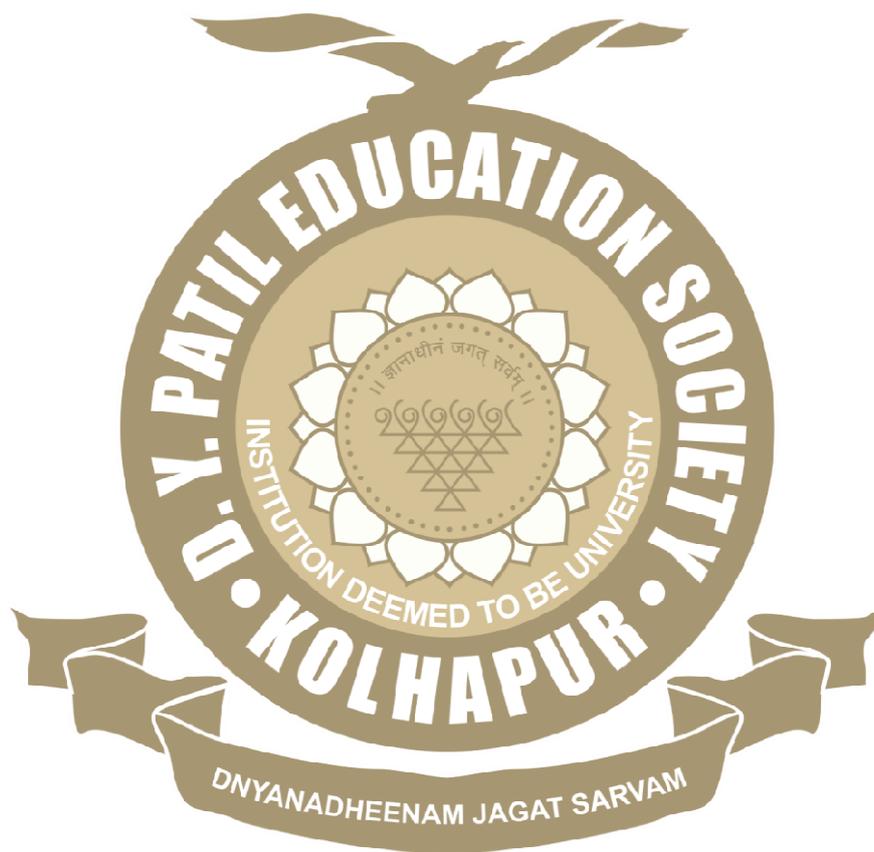
*** Note: The result of M.Sc. (Sci.) Sem. II was declared as per the UGC guidelines, on the basis of performance of the student concerned in previous semester and internal assessment in semester II.**

Examination held in Feb/Apr/May/June-2021 and to be held in June-2021

Sr. No.	Name Of Exam	Date Of Commencement	Last Date Of Exam	Total No. Of Students enrolled	Total No. Students Appeared	Total No. Of Students Passed	Percentage (%)	Date Of Result
1	I st MBBS {Summer}	01.02.2021	24.02.2021	150	148	121	80.66	10.03.2021
2	I st MBBS (Supp.)	03.05.2021	19.05.2021	29	28	20	68.96	27.05.2021
3	DMLT {Summer}	08.02.2021	25.02.2021	25	24	18	87.50	10.03.2021
4	II nd MBBS {Winter}	05.04.2021	08.05.2021	152	152	149	98.02	25.05.2021
5	II nd MBBS {Sup.}	02.08.2021	24.08.2021	3	3	3	100	30.08.2021
6	III /I MBBS {Winter}	06.04.2021	08.05.2021	151	151	150	99.33	25.05.2021
7	III /I MBBS {Sup.}	02.08.2021	21.08.2021	1	1	1	100	30.08.2021
8	III/II MBBS {Winter}	05.04.2021	08.05.2021	152	152	139	91.40	15.05.2021
9	III/II MBBS {Sup.}	02.08.2021	24.08.2021	13	13	13	100	30.08.2021
10	I st - B.Sc. (N) {Sup.}	05.04.2021	20.04.2021	1	1	0	0.00	15.05.2021
11	I st - B.Sc. (N)	02.08.2021	26.08.2021	102	99	49	49.00	11.09.2021
12	II nd - B.Sc. (N)	03.08.2021	20.08.2021	96	95	48	49.47	11.09.2021
13	III rd - B.Sc. (N)	02.08.2021	26.08.2021	97	96	69	71.87	11.09.2021
14	IV th - B.Sc. (N)	03.08.2021	26.08.2021	51	51	47	92.15	11.09.2021
15	I st PBBSc. (N) {Sup.}	05.04.2021	22.04.2021	1	1	1	100.00	15.05.2021
16	I st PBBSc. (N)	02.08.2021	18.08.2021	30	30	18	60.00	09.09.2021
17	II nd PBBSc. (N)	02.08.2021	17.08.2021	28	28	26	92.85	09.09.2021
18	I st M.Sc (N)	02.08.2021	11.08.2021	15	14	14	100.00	02.09.2021
19	II nd M.Sc (N)	02.08.2021	11.08.2021	19	19	19	100.00	02.09.2021
20	B.Sc. (HS)Sem I	06.04.2021	23.09.2021	36	35	16	45.71 %	30.09.2021
21	B.Sc. (HS)Sem I {Sup.}	1.09.2021	23.09.2021	18	18	15	83.33	14.10.2021
22	B.Sc. (HS)Sem III	06.04.2021	22.09.2021	39	39	31	79.48 %	30.09.2021
23	B.Sc. (HS)Sem III {Sup.}	02.09.2021	23.09.2021	8	7	6	75.00	14.10.2021
24	B.Sc. (HS)Sem II	1.09.2021	30.09.2021	34	34	25	73.52	14.10.2021
25	B.Sc. (HS)Sem V	06.09.2021	30.09.2021	39	39	35	89.74	14.10.2021
26	M.Sc. Sci.(SCRM)(Sem I)	26.04.2021	18.09.2021	2	2	2	100.00	29.09.2021
27	M.Sc. Sci.(SCRM) (SemIII)	26.04.2021	21.09.2021	6	6	6	100.00	29.09.2021
28	M.Sc. Sci.(SCRM) (SemII)	01.09.2021	16.09.2021	2	2	2	100.00	04.10.2021
29	M.Sc. Sci.(SCRM) (SemIV)	02.09.2021	24.09.2021	6	5	5	100.00	08.10.2021
30	M.Sc. Sci. (MB) (Sem I)	26.04.2021	18.09.2021	7	7	4	57.14	29.09.2021
31	M.Sc. Sci. (MB) (Sem I) {Sup.}	02.09.2021	18.09.2021	3	3	3	100.00	04.10.2021
32	M.Sc. Sci. (MB) (Sem III)	26.04.2021	21.09.2021	9	9	9	100.00	29.09.2021
33	M.Sc. Sci. (MB) (Sem II)	1.09.2021	16.09.2021	7	7	7	100.00	04.10.2021
34	M.Sc. Sci. (MB) (Sem IV)	2.09.2021	24.09.2021	9	9	6	66.67	08.10.2021
35	M.Sc. Sci Med. Phy (Sem I)	19.04.2021	21.09.2021	10	10	10	100.00	29.09.2021

Sr. No.	Name Of Exam	Date Of Commencement	Last Date Of Exam	Total No. Of Students enrolled	Total No. Students Appeared	Total No. Of Students Passed	Percentage (%)	Date Of Result
36	M.Sc. Sci Med. Phy (Sem III)	19.04.2021	23.09.2021	10	10	10	100.00	29.09.2021
37	M.Sc. Sci Med. Phy (Sem II)	1.09.2021	16.09.2021	10	10	10	100.00	04.10.2021
38	M.Sc. Sci Med. Phy (Sem IV)	02.09.2021	18.09.2021	10	10	10	100.00	04.10.2021
39	MD	10.06.2021	25.06.2021	21	21	20	95.23	29.06.2021
40	MS	10.06.2021	25.06.2021	14	14	13	92.85	29.06.2021
41	I st B.P.Th	1.09.2021	23.09.2021	50	49	28	57.14	08.10.2021
42	II nd B.P.Th	2.09.2021	28.09.2021	50	50	34	68.00	13.10.2021
43	Certificate course in Operation Theater (OT)	7.09.2021	9.09.2021	28	27	23	85.18	24.09.2021
44	B.M.L.T (Sem I)	13.09.2021	30.09.2021	10	10	10	100.00	14.10.2021
45	B.M.L.T (Sem II)	13.09.2021	30.09.2021	10	10	9	90.00	14.10.2021
46	B.Sc O.T.T (Sem I)	13.09.2021	30.09.2021	4	4	4	100.00	14.10.2021
47	B.Sc O.T.T (Sem II)	13.09.2021	30.09.2021	4	4	4	100.00	14.10.2021
48	B.Sc BRIT (Sem I)	13.09.2021	30.09.2021	25	25	23	92.00	14.10.2021
49	B.Sc BRIT (Sem II)	13.09.2021	30.09.2021	25	25	19	76.00	14.10.2021
50	B. Optometry (Sem I)	13.09.2021	30.09.2021	9	9	7	77.78	14.10.2021
51	B. Optometry (Sem II)	13.09.2021	30.09.2021	9	9	5	55.56	14.10.2021

CHAPTER 6



IQAC REPORT

The Internal Quality Assurance Cell of the University is a vibrant, active cell that pursues the internalization and institutionalization of quality culture and initiatives within the campus in collaboration with different bodies and authorities of the University. The IQAC hereby presents a brief annual report of the activities and initiatives undertaken by the committee with collaboration of all University bodies and authorities.

The IQAC Committee appointed by the Vice-Chancellor for a period of two years has held regular quarterly meetings despite the pandemic situation. The decision to shift to online format was taken early in the pandemic. The adoption of online platforms to conduct the meetings and continue interaction amongst members met with great appreciation from members and success in the outcomes of discussions on quality matters.

The IQAC committee was appointed in November 2019 is for a period of two years and is due for reconstitution in November 2021 by the Vice-Chancellor.

Summary of IQAC Meetings held in Academic Year 2020-2021

Meetings in the period 1st July 2020 to 30th June 2021 were as follows:

Date	Attendance(%)	Agenda Items	Minutes Confirmed	ATR presented
29-09-2020	100%	<ol style="list-style-type: none"> 1. Confirm minutes of previous meeting held on 25th June 2020 2. Action Taken Report to be presented 3. To consider AQAR -2019-2020 to be submitted to NAAC 4. Report on activities conducted and planned by IQAC 5. Any other matter with permission of Chair 	Yes	Yes
22-12-2020	100%	<ol style="list-style-type: none"> 1. To confirm the minutes of meeting dated 29thSeptember 2020 2. To consider AQAR -2019-2020 to be submitted to NAAC 3. Any other matter with permission of the Chair 	Yes	Yes
27-04-2021	90%	<ol style="list-style-type: none"> 1. To confirm the minutes of the meeting dated 22.12.2020 2. Report of the action taken on the minutes of the IQAC meeting held on 22.12.2020 for information. 3. To discuss the composition of IQAC as per NAAC guidelines. 4. To update on IQAC efforts in various activities. 5. The new format of AQAR 2020-21, for discussion and information. 6. To plan the IQAC activities for the next 	Yes	Yes

		three months. 7. Any other matter with the permission of the Chair.		
30-06-2021	75%	01. To confirm minutes of meeting held on 27.04.2021 02. Report of action taken on the minutes of the IQAC meeting held on 27.04.2021 03. NABH Accreditation Result 04. Communication Skill Laboratory-Status Report 05. Preparation for SSR and AQAR 2020-21 06. Proposed activities for next three months 07. Any other matter with permission of the Chair	Yes	Yes

IQAC Activities and Initiatives in Academic Year 2020-2021

The various initiatives of the IQAC taken during the year addressed the different areas of operation of the university. Care was taken to ensure that the seven criteria of the NAAC Manual of Health Sciences were also considered as activities were planned, organized, and executed. Suggestions and input from the IQAC members helped to ensure that the programs addressed important aspects of University functioning and improvement in quality was a focus of these activities.

Some major activities initiated by IQAC were in collaboration with Hospital Quality Assurance Cell (HQAC), the Research Guidance Cell, the Medical Education Unit of the Medical College, the National Seva Scheme and the constituent units of the University.

Salient Initiatives taken and/or supported by the IQAC are listed below:

	Category	Title of initiative	Implementation through/with	Outcome
01	Quality Efforts & Initiatives	Academic & Administrative Audit	Dr. S. D. Dalvi, Vice-Chancellor, MGM UHS; Dr. Sudha Raddi, Principal, Institute of Nursing Science, KLE, & Dr. B. M. Hirdekar, Registrar SGU	Report analysed and Action taken through IQAC deliberations
2		NABL Accreditation	HQAC	Completed & renewed
3		ISO Certification	HQAC	Completed.
4		NABH Accreditation	IQAC Director was Co-Chairperson of Core	Pre-Entry Level Accreditation

			Committee	achieved
5		IT Audit	External Agency	Completed. ATR generated through discussions with IT Team and Mr.RameshRandive
6		Energy Audit	External Agency	Completed
7		NIRF Ranking	IQAC Office	Retained position in bandwidth of 100-150 Overall Ranking.
8		Examination Manual	IQAC Director Dr.ShimpaSharma, COE Mr.A.C. Powar, Dr. B. M.Hirdekar, Dr. B. M.Tiwale, later joined by Dr. A. N. Jadhav	Completed, In print
9		Feedbacks	All stakeholders	Reports tabled and discussed at various platforms
10	Collaboration s with other Institutions on Quality Assurance	Resource person - IQAC director	Medical Education Unit, Shri Sathya Sai Medical Coll. and RI Puducherry	Talk on use of Technology in ME
11		Resource person - IQAC director	Sri Balaji Vidyapeeth Deemed University, Pondicherry	Talk on POEM as tool for ME
12		Training for eContent	Mr.Ramesh Ranadive, Vice- Principal, D. Y. Patil Polytechnic Kolhapur	Developing mp4 movies from Ppt
13		External Member on IQAC - IQAC Director	JSSDeemed University, Mysore	Attended 3 meetings in year
14		Participation in NAAC visit for Shivaji University, Kolhapur - IQAC Director	Shivaji University, Kolhapur	Input for IQAC presentation of SUK. Letter of Appreciation received.
15		Representatives from NAAC Coordination Team	Pro-Chancellor Dr.P.H.Shringare & IQAC, Krishna Institute of Medical Sciences, Karad	Tips and guidance on SSR filling and PTV
16		Accreditation - Workshop on NAAC Process and Manual	IQAC Director, Shivaji University, Kolhapur	Dr.R.K.Kamat took two-day workshop. NAAC Team got

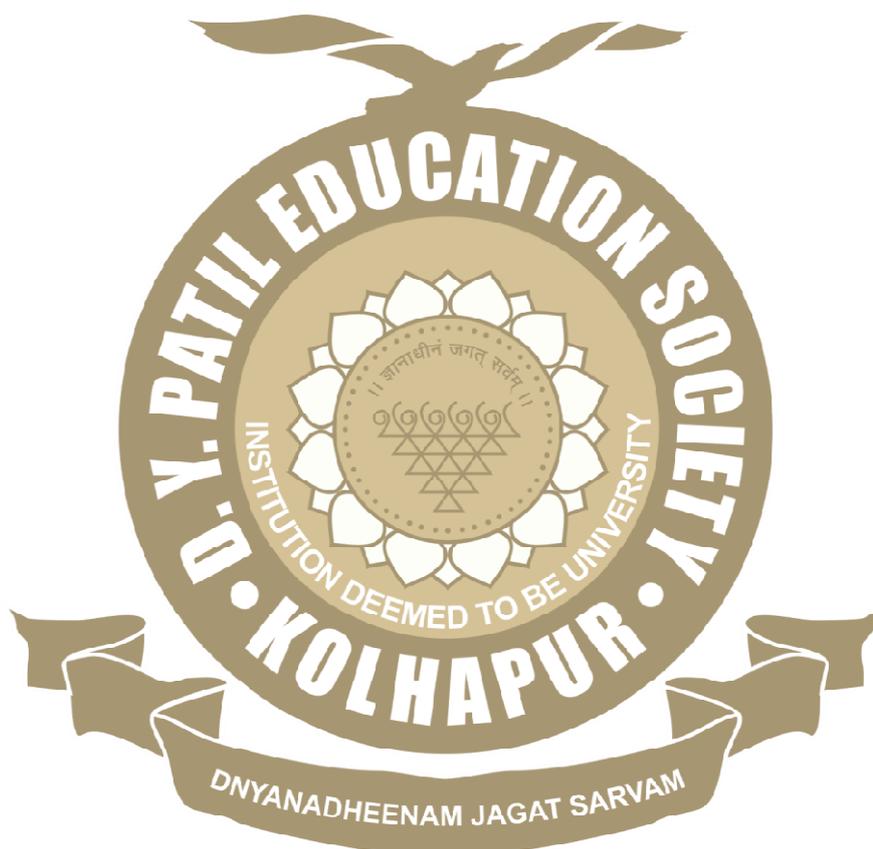
				clarification of doubts.
17	Faculty Development Programs	Training for POCO, Syllabus & Question paper Mapping of MEU Coordinators & HOD of Medical/Nursing/Physiotherapy.	IQAC	Program POCOs (except MS/MD) designed, Ques. Paper Mapping for 2020-2021 University Papers and Analysis done
18		Make in India with Academia-Industry Collaborative Start-Ups	Eadict, Savitribai Phule University, Pune and Satej MedInnova	Teachers motivated to formalize own innovations in clinical care, TL and processes.
19		Faculty Research Methodology Workshop	Research Guidance Cell	Knowledge of Research Methodology revisited and refreshed.
20		Use of JUNO ERP modules and updates	Mr. Ramesh Ranadive Vice-Principal, D. Y. Patil Polytechnic	Improved usage of JUNO ERP modules
21		Webinar on Clinical Key Flex & ClinicalKey Student – new age platforms for medical education	Elsevier	Triggered awareness of newer TL tools and applications.
22		Establishment of Communications Skills Lab training	IQAC	CSL trained 80 medical interns and 8 PROs with positive feedback about usefulness/applicability.
23		Orientation on NAAC process (new RAF) for reaccreditation due by October 2022	IQAC Director	Orientation & Q&A session helped members to understand the process
24		Microsoft training June-July 2020	Mr. Ramesh Ranadive, Vice-Principal, D. Y. Patil Polytechnic Kolhapur	Improved use of Teams for online teaching & assessment
25	Other Development Program	Postural Awareness Program for Computer Operators	D. Y. Patil College of Physiotherapy, Kolhapur	Computer users benefited with the learning
26		Interns Orientation Program - Presentation by IQAC Director	IQAC Director	Interns learnt the importance of good feedback and how

		Feedback on Feedback		their feedback is used in university
27		Revised Basic Course workshop and training in attitude, ethics, and communication (AETCOM)	Medical Education Unit, DYPMC and NMC Nodal Centre, GSMC_KEM Mumbai	Certification of Medical College Faculty by National Medical Commission
28		Pranayama for Enhancing Immunity in COVID 19 Pandemic - webinar on National Sports Day	NSS	Technique taught through demo to 40 students
29	Policy - New, Updates	Research Incentive policy revised -for BOM Approval.	Research Guidance Cell	Approved. Faculty motivation increased
30		Self-Appraisal Policy	University	Formal policy prepared with Registrar Office
31		Staff Welfare Policy	University	Formal policy prepared with Registrar Office

The focus of ensuring teaching learning continued during the pandemic months and lockdown periods was accompanied by the need to continue efforts in quality sustenance and enhancement. It is a measure of the quality awareness of faculty and staff of the university that even in such adverse circumstances, the University was able to initiate and conduct several initiatives like NABL, NABH, PO-CO Mapping, Analysis of PO-CO achievements along with the annual AQAR, MDRA, NIRF Ranking submissions.

The creation of an experienced and aware team for the effort of reaccreditation to be undertaken by October 2022 is an important achievement in this period.

CHAPTER 7



UNIVERSITY EVENTS

Important Functions:

1. Fifteen Foundation Day:

The University celebrated its 15th Foundation Day on 1st September 2020. Due to COVID-19 pandemic, the function was celebrated with limited participations.

University flag hoisting was done at the auspicious hand of Hon'ble Vice-Chancellor Dr. Rakesh Kumar Mudgal. In his speech he elaborated on curricular, co-curricular, extra curricular and research activities of the university and the various achievements in the last year.

In this function following awards were announced-

- Sou. Shantadevi D. Patil Best Employee Awards –
 - Mr. Rajendra Baburao Ghatage, Senior Stenographer
 - Mrs. Vrushali Vivek Mahajani, Head Clerk
 - Mr. Shivaji Shripati Bhosale, Head Clerk
 - Mr. Balasaheb Dattatray Bhosale, Peon
 - Mr. Krishnat Dhondiram Khondre, Security Guard
- Dr. D.Y. Patil Best Teacher Awards-
 - Dr. Arvind Anant Kulkarni, Professor-Surgery
 - Dr. Gurudas Ramkrishna Harshe, Professor & Head-Psychiatry
 - Dr. Mohan Anantrao Patil, Professor-Pediatrics
 - Dr. Mohan Pandurang Potdar, Professor & Head-TB & Chest

2. Ninth Convocation:

The Ninth convocation ceremony was held on Wednesday, 17th February 2021 under the Chairmanship of Hon'ble Chancellor Dr. Sanjay D. Patil. Dr. Vijay Khole, Former Vice-Chancellor, University of Mumbai, Mumbai was the Chief Guest. In this convocation ceremony, Shri. Ranganathan Madhavan was conferred with the Doctor of Letters (Honoris Causa) for his exemplary career as Actor, Writer, Producer & Director. Shri. Kuntinath Devendra Karake-Patil, Famous Poet and Writer was conferred with the Doctor of Literature (Honoris Causa) and Air Marshal Ajit Shankarrao Bhonsle was conferred with the Doctor of Science (Honoris Causa). There were 357 Graduates who received their degrees. In addition to this, four students were awarded Ph.D. Degree. This function was graced by the

members of the Board of Management and Academic Council. After the conferment of degrees and awarding prizes, the Vice-Chancellor presented his annual report giving details about programmes, research activities, curricular and co-curricular activities and future plans. He also introduced the Chief Guest.

Hon'ble Chancellor in his presidential address took a tour of the D. Y. Patil Group of Institutions and he expressed his gratitude towards well wishers.

Dr. Vijay Khole, Former Vice-Chancellor, University of Mumbai, Mumbai gave the convocation address and blessed the graduates in following words :

"Today, you are in a noble profession as Doctors, Nurses and Scientists in healthcare sectors and allied - a global profession. From now on, it will be a central part of who you are and as years pass by, it will be the most important part of your life. Look to that future with hopes in your heart!

In difficult situations, in pandemic times, we expect you at places where people refuse to enter. We need you on frontline - now we have termed you as warriors! By taking up the profession of medicine and health you are sentinels, the guardians. This is the life you have chosen. Your responsibilities are critical, crucial and enormous. These are the times to collaborate. The world presents immense diversity of human beings. Modern genomics has discovered genetic risk factors for every human disease. This knowledge has also now helped us to develop better approaches to develop formulations - drugs with more effectivity! We will make progress and have solutions only if Doctors and Hospitals, scientists and pharmaceutical laboratories work together. In 20 years, much of what you have learned here will no longer be valid.

The field is developing very fast, technology is changing the ground rules. These are also exciting times in the medical field. Biomedicine is entering as a new era where personalised approaches are being adopted to therapeutic development. You must understand the potential of these new therapeutics. Try and find time, observe, experiment and contribute to research.

Have you ever wondered as to how the country has seen a dramatic fall in new COVID - 19 cases and the researchers aren't sure why? At one time India was about to overtake US and become the country with the highest reported COVID - 19 cases in the world. The economy of the country was deep down in recession. But the picture has changed. Our Health Ministry has confirmed continued decline and record low daily tally in

the last eight months. What is more, hospital ICU utilisation has gone down, every conceivable indicator says that the numbers are falling! Experts all over the world are wondering whether it would be a good idea to mimic measures adopted by the Indian public health system.

Have the mask mandate, washing of hands, the overall hygiene and mask fines worked? The new message urging people to get vaccinated is bound to improve the situation further. Observer Research Foundation, Mumbai has noted that many of us, he or she, has probably had malaria or typhoid at some point in life leading to a built up basic immunity towards grave disorders. These observations or speculations (?) may be good for generating hypothesis. But now serious studies are required. Role of demography, serological surveys, behaviour profile could be looked into to understand the mystery of plummeting COVID - 19 cases in India. Can any one of you take up such and similar challenges?

Otherwise, every generation of physicians has its own challenges. For you, if I have to identify, these challenges include ever changing technology invasions, artificial intelligence, robotics and data analytics. More important are - loosing human touch, coping with rising health costs, complex health systems, creating health equity for all the people and communities.

Turning to other aspects of your profession, each one of you will have many stories to tell about your patients - their valour, their dignity, their determination, their anger, frustration, defeat. You must tell these stories. Recall all these stories because they are of social structures, laws, policies, public health problems. In these stories, lies the solution. It is your duty as physicians to make these stories public like at home Dr. Ravi Bapat, Professor Emeritus, Seth G. S. Medical College, Mumbai and Former Vice Chancellor, Maharashtra University of Health Sciences did in his famous book 'Ward Number Five, KEM' or Dr Atul Gawande, American Surgeon, Writer and Public Health Researcher did it in his award winning book 'Medicine and What Matters in the End'

While you shoulder such huge responsibilities like Goliath, remember, self care is also essential. You must take care of yourself, otherwise you are no good to others.

On this day, while graduating, do thank your teachers, mentors, colleagues and the college authorities. They have inspired you to strive for perfection. They have been a real

example to emulate. Thank your friends and more important your parents, their love and never ending support has brought you to this day!

In closing, I want to remind you to never stop learning, never stop updating, never forget that medicine is an art practiced by Doctors. You take to people not only the training and new technology but humanity and caring!

For me, it has been a tremendous joy to share with you this marvellous moment in your journey. Heartiest Congratulations! And wishing you the very best in your career!"

Following students were the receipts of Gold Medal for their excellence:

Sr. No.	Student's Name	Gold Medal Name
1	Chetan Sharma, MBBS	D.Y. Patil University Gold Medal *Stood first amongst the successful candidates at Final MBBS Examination Dec./Jan. 2018
2	Mestri Sayali Anil, B.Sc.(N)	D.Y. Patil University Gold Medal *Stood first amongst the successful candidates at final B.Sc. (N) Examination June/July 2020
3	Pawar Komal Sanjay, P.B.B.Sc.(N)	D.Y. Patil University Gold Medal *Stood first amongst the successful candidates at P.B.B.Sc. (N) Examination June/July 2020
4	Sravya Adda, MD Anesthesiology	D.Y. Patil University Gold Medal *Stood first all amongst the successful candidates at M.D. Examinations May 2020
5	Monica Nayyar, MS Ophthalmology	D.Y. Patil University Gold Medal *Stood first all amongst the successful candidates at M.S. Examinations May 2020
6	Bhagwat Sanjana Atul, MD Medicine	Mr. Ramnath Vitthal Wagh Gold Medal *Excellence in the subject M.D. (Medicine) May 2020
7	Patil Pranav Shivaji, III/I MBBS	Dr. P.B. Jagirdar Excellence Award *Excellence in the subject Community Medicine December 2019
9	Aishwarya Varma, III/I MBBS	Malan Madhukar Sabnis Memorial Award *Excellence in the subject Ophthalmology December 2019
10	Gurpal Singh, III/II MBBS	Mrs. Hemlata Ramnath Wagh Gold Medal *Excellence in the Gen. Medicine December 2019

3. DNYANSHODH-2021

The D. Y. Patil Education Society (Deemed to be University) has organized "Dnyanshodh" (search for knowledge) event on the occasion of National Science Day (1st March 2021). The goal of the activity was to provide a common platform for all Ph.D. and

M.Sc. students to present their research work and innovations in the form of poster. The Hon'ble Vice-Chancellor Prof. Rakesh K.Mudgal, Registrar Dr. V.V. Bhosale, HOD Stem cells & Reg. Med. Prof. S. Mohan Karuppaiyl, Research Director & Dean Prof. C. D. Lokhandewere present as invited guests for the Dnyanshodh-2021.

Every year, National Science Day (NSD) is celebrated with a particular theme. The theme for the National Science Day 2021 was "Future of STI: Impacts on Education, Skills, and Work"

This year NSD 2021 was celebrated by organizing lectures in online mode due to COVID-19 restrictions. Dr. Vinayak Parale, Research Professor, Yonsei University South Korea and Dr. J. L. Gunjekar, DST-SERB Ramanujan Fellow, DYPES have delivered expert talks related to theme of NSD. The program was conducted online using Zoom platform and was open to participants including students, faculties and general people. The event was publicized by Dr. V. M. Khot, organizing secretary on social media platforms such as Whatsapp, Telegram, Facebook etc. There were around 50+ participants for event from our University. The program started with the speech by Dr. Vinayak Parale, who discussed about the how science and technology policies in India have shaped his career and also highlighted his key contribution in the field of aerogel research as lightest solid in the world. In the follow up lecture, Dr. J. L. Gunjekar shared his views on Gender equality in Science and Technology India. Dr. Gunjekar presented about contribution of Indian women scientists in developing STI which have impacted the education, skills and research in India over the course of time.

Dr. Vishwajeet Khot compered the session and introduced the guests. Non-teaching staff members from University, Mr. Suraj, Ms. Namrata and Mr. Ramdas have taken much effort for smooth conduction of program in online mode. All the sessions were interactive with huge response from participants.

4. Campaign on University Research & Training (COURT-2021)

The Campaign on University Research and Training (COURT) was organized on 18th March 2021. In the morning session, final year post-graduate students participated in Platform presentation competition. They presented papers based on their thesis related research work. In post lunch session, poster competition was held for Post Graduates of first & second year and nursing students. Students participated in poster presentation based on

their ongoing research work. The function was inaugurated at the auspicious hands of Hon'ble Vice Chancellor Dr. Rakesh Kumar Mudgal.

The following students were awarded prizes in various categories.

Sr. No.	Name
FIRST YEAR – POSTER PRESENTATIONS	
1	GROUP – A - Dr. Indu Mery Thomas, Pediatrics
2	GROUP – B - Dr. Tanuku Vivek, General Medicine
3	GROUP – C – Dr. Asmita Suryavanshi, Radiodiagnosis
4	GROUP – D - Dr. Kothari Vismay, Orthopedics & Dr. Bhagyashree Shrestha, OtoRhinoLaryngology
5	GROUP – E – Dr. Hendre Apurva, General Surgery, Dr. Jamale Chinmay, General Surgery & Dr. Sristhi Setiya, Anesthesiology
6	GROUP – F – Dr. Monika Upadhyay, Pathology
SECOND YEAR – POSTER PRESENTATIONS	
7	GROUP – A – Dr. Yamini S., Pediatrics
8	GROUP – B –Dr. Vijaypalkatla, General Medicine
9	GROUP – C – Dr. Ashutosh Tiwari, General Surgery
10	GROUP – D – Dr. Akshay Vedavadgi– Pathology
FINAL YEAR – PLATFORM PRESENTATIONS	
11	GROUP – A – Dr. Desouza Janela, Pediatrics
12	GROUP – B – Dr. Mohd Khursheed Khan, General Medicine
13	GROUP – C - Dr. Thakut Gowtham, General Surgery
14	GROUP – D – Dr. Abhishek Das, Pathology
NURSING	
15	Ms. Sonia Vengurlekar , MSc Nursing OBGY

5. UNESCO Chair in Bioethics (Haifa) Activities

1. D. Y. Patil Education Society in association with Department of Education International Program of the UNESCO Chair in Bioethics organized International seminar on “Bioethics in COVID Pandemic” on 2nd October 2020. Prof. Russell Dsouza, Prof. Malalena Patrico, Dr. Vedprakash Mishra and Prof. Mary Mathew were

the guest speakers for this international seminar. Following were the topics of the Guest Speaker:

Prof. Russell Dsouza: Reflections on the Pandemic and a Focus on Post COVID Bioethics

Prof. Madalena Patrico: Medical Education in the COVID what has changed and what will stay

Dr. Vedprakash Mishra: COVID and the Bioethics Curriculum for Medicine

Prof. Mary Mathew: Student wing of Bioethics unit

Dr. R. K. Mudgal: Impact of Economy on Education – ethical perspective

Dr. R. K. Sharma: Covid Pandemic- a learning experience

Renowned speakers gave excellent speech, more than 800 participants enrolled for this seminar.

**D. Y. PATIL EDUCATION SOCIETY,
(INSTITUTION DEEMED TO BE UNIVERSITY) KOLHAPUR**
Recognized by AICTE, UGC, B.E.O.

**International Seminar on
Bioethics in the COVID Pandemic**

In association with
**Department of Education International Program
of the UNESCO Chair in Bioethics**

Date: 2nd October 2020
Time: 2 PM - 5 PM

Moderator: **Dr. Shimpa Sharma**

Dr. Russell Dsouza
Head and Chair, Department of
Health, International Institute of
Bioethics, Australia

Prof. Madalena Patrico
Post Doctoral Fellow,
Faculty of Health Sciences,
University of Coimbra,
Portugal

Dr. Vedprakash Mishra
Post Graduate Program (PGPP),
Faculty of Medicine,
Dr. Yashwantrao Chavan
Medical College, Mumbai

Prof. Mary Mathew
Head, Ethics Program of
MBA/MS/PhD in Leadership
Studies, India

Prof. Babash Kumar Mudgal
Head, Dept. of
Bioethics

Dr. Shimpa Sharma
Head of Dept. of
Post Grad. Studies

Dr. Babash Sharma
Post Grad. & Res.
Medical College

Dr. Anshu S. Sane
Associate Professor, IIT
Mumbai

Bioethics Unit of D. Y. Patil Education Society
(Institution Deemed to be University)

**D. Y. PATIL EDUCATION SOCIETY,
(INSTITUTION DEEMED TO BE UNIVERSITY) KOLHAPUR**
Recognized by AICTE, UGC, B.E.O.

Chief Patron

Dr. Sanjay D. Patil
Chairman,
D. Y. Patil Education Society,
Deemed University, Kolhapur

- Vice-Chancellor & Head of
Post Graduate Studies,
Mumbai Institute
- Vice-Chancellor & Head
of Health Sciences,
Mumbai Institute
- Dean & Vice-Chairman
Dr. R. K. Sharma,
Postgraduate Institute
- Secretary –
Dr. Mrs. A. S. Sane,
Deemed University, Kolhapur

Steering Committee of Bioethics Unit

Member- Mrs. Suchitra Rathod, Principal, Nursing College,
Member- Dr. Valsheb Galkwad, Associate Dean, Professor, Surgery
Member- Dr. M. T. Yashwanth, Associate Dean, Associate Professor, Biochemistry
Member- Dr. Mrs. P. B. Desai, Professor & Head, Physiology
Member- Dr. Anand Shrivastava, Professor & Head, Microbiology
Member- Dr. Anand Wagh, Professor & Head, A.S.H.
Member- Dr. Deveshwar Morhe, Assistant Professor, Psychiatry.

Students Advisory Committee of Bioethics Unit

Member- Dr. Mihir Salunkhe, Professor & H.O.D., Ophthalmology
Member- Dr. Sushama K. Joshi, Professor, Medicine
Member- Dr. A. S. Potdar, Associate Professor & Head, Forensic Medicine
Member- Dr. Kavita Patil, Associate Professor, Pathology
Member- Dr. Anand S. Karvekar, Associate Professor, Anatomy
Member- Dr. Subodh Kulkarni, Associate Professor, Physiology
Member- Dr. Anand Galkwad, Associate Professor & coordinator B.S.D.
Member- Dr. Ravindra Patil, Assistant Professor, Orthopedics
Member- Mrs. Shantali Karande, Assistant Professor, Nursing College.

Email: spc@dyepatilsociety.org | Website: dyepatilsociety.org



2. UNESCO Chair in Bioethics of D. Y. Patil Medical College, Kolhapur has organized institutional activity “Myths Regarding COVID” on 20th July 2020. The recent outbreak of novel coronavirus globally has given rise to several news articles, videos, and social media posts. All of them talking about preventive measures, symptoms, origin, and what to do and what not to. Although all these sources are trying to bring about awareness, it has also given rise to several myths and misconceptions. Therefore, Students wing created a repository of short videos for community education material so that the Myths about COVID-19 could be addressed. The response to the same was appreciative and creative. Kolhapur India Bioethics Unit has taken a Step ahead to sensitize people. Approximately 19 students participated in this activity.

<https://youtu.be/N4bkFIRk2IY>

3. TITLE OF ACTIVITY: Celebration of World Bioethics Day 2020

DATE AND TIME: **19th & 20th October 2020**

TYPE OF ACTIVITY –**Institutional**

NAME OF GUEST SPEAKER AND DETAILS:

Professor and Head Biochemistry **Dr. Gurupadappa. K** - Benefit and Harm in Covid pandemic

Dr. Praveen Arora: Benefit and Harm

Dr. P. Vatsala Swamy, Director Academics, Dr. D Y Patil Medical College, Pune.

Medical Education in COVID Pandemic

ABOUT THE ACTIVITY

The theme for this year's celebration is 'Benefit and Harm'

Invited Guest Speaker: Dr. Gurupadappa K, Dr. Praveen Arora, and Dr. P. Vatsala Swamy.

Artistic Poster Competition(23) -Tribute to Covid warriors

Poem competition - Benefit & Harm

Display of entries of WBD 2020 Scientific/Artistic Poster Competition, Short film/video Competition and Photography Competition

NUMBER OF PARTICIPANTS: 235





4. TITLE OF ACTIVITY: Ethic AIDS conference

DATE AND TIME: 1st, 2nd & 3rd December 2020

TYPE OF ACTIVITY – **NATIONAL**

NAME OF GUEST SPEAKER AND DETAILS

Dr. Samina Ahsan Nadeem, Regional consultant (West Bengal) care support and treatment division, NACO.

Gautam Yadav, HIV and human rights activist and research assistant at the Humsafar trust, Delhi

Dr. Princy Louis Palatty, Head, south India Unit, UNESCO chair in bioethics HAIFA.

Judges

Dr. Jyoti Batra, Dean of research, Professor of biochemistry, Santosh University, Ghaziabad appointed member of international Forum of teachers of the UNESCO chair in Bioethics

Dr. Arun Kumar Mehra Senior consultant (Anesthesiology & Critical care), Delhi Faculty member, Indian Program- UNESCO chair of Bioethics

ABOUT THE ACTIVITY

Ethic AIDS was an online conference conducted on cisco webex by the bioethics unit of the Rotaract club of caduceus in association with students against COVID to put light on HIV AIDS and to create awareness and support in the community against any sort of Stigma on the occasion of World AIDS day i.e. on 1st December every year since 1988.

First two days were named as Hearing AIDS: a series of ethical talking and third day was CODE RED: the ethical debate competition.

A debate competition was conducted having four teams from four different colleges with their own bioethics unit. The teams were named as colors i.e. blue, green, yellow and red.

The winner for the Best debate team in CODE RED: The ethical debate competition was team blue representing D. Y. Patil Medical College, Kolhapur bioethics unit. The unit was represented by **Padmapriya R and Pokala Chidvilas**.

NUMBER OF PARTICIPANTS: 440



5. TITLE OF ACTIVITY: "Born to Donate"-Saviour Siblings and the Great Ethical Debate

DATE AND TIME: **3rd May 2021**

TYPE OF ACTIVITY – **NATIONAL**

ABOUT THE ACTIVITY

Rotaract Club of the Caduceus Bioethics Unit in collaboration with bioethics student wing, DY PATIL Education Society, Kolhapur. "Born to Donate" was conducted to create awareness to donate umbilical cord blood to their ill siblings; if the cord blood is not enough, the sibling usually has to donate bone marrow and organs as well. An online awareness campaign was conducted wherein it was aimed to create awareness about 'Ethical considerations regarding saviour siblings'.

This Awareness session was conducted by Ms. Shravya Shetty, Ms. Mihika Chavan and Ms. Kalyani Deshpande of 2nd year MBBS.

NUMBER OF PARTICIPANTS: 25

ABOUT FEEDBACK IF TAKEN

This Event was attended by 25 students from 1st and 2nd Year MBBS. Initially Each and Every student had a different point of view for this topic but later the students

understood the concept of saviour siblings , Ethical dilemmas related to it and lastly a positive response was recorded by the students at the end of the session saying that it was a knowledgeable,interesting event.



6. TITLE OFACTIVITY:“CO-OPTED” International seminar

DATE AND TIME: **8th and 9th February, 2021**

TYPE OF ACTIVITY – **INTERNATIONAL**

NAME OF GUEST SPEAKER AND DETAILS

Dr. Russell D'Souza, Head and Chair, Department of Education International Program of the UNESCO Chair in Bioethics Haifa, Melbourne Australia – Ethics of caring

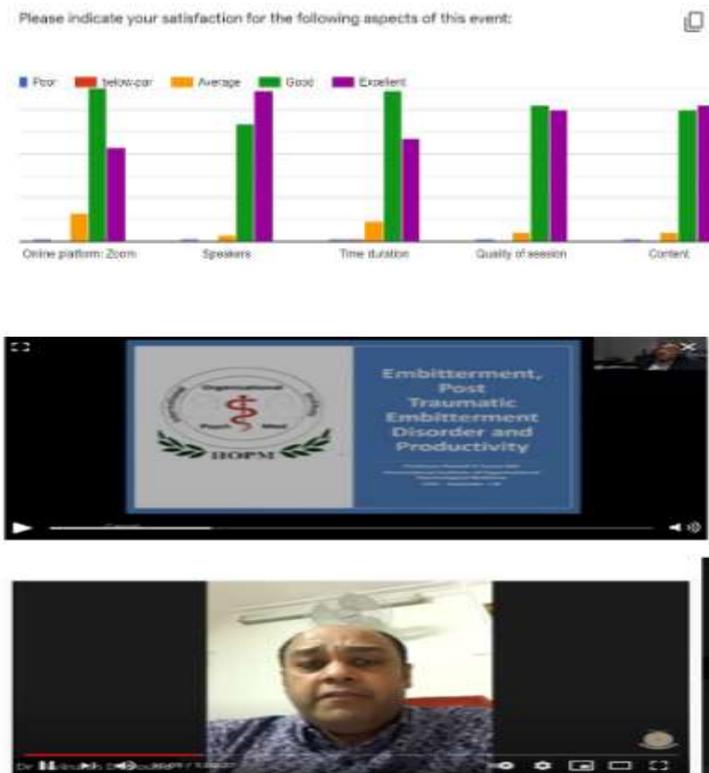
Dr. Shimpa Sharma, Head of the Bioethics Unit, Pro-Vice-Chancellor and IQAC Director at D Y Patil Education Society, Deemed to be University, Kolhapur- Medical aspects of Post traumatic embitterment disorder.

Panel discussion on Post traumatic embitterment disorder: **Dr. Avinash De Souza**, Consultant Psychiatrist and Psychotherapist, Consultant School Psychiatrist and **Dr. Devvrat Harshe**, Associate Professor, Department of Psychiatry, D Y Patil Medical College, Kolhapur.

ABOUT the ACTIVITY

The bioethics unit of D. Y. Patil Education Society, Deemed to be University, Kolhapur in association with the Department of Education international program of the UNESCO chair in Bioethics HAIFA Organized an international seminar on “CO-OPTED” Concept of post traumatic embitterment disorder - responding to today’s need.It was a two days event held on 8th and 9th of February, 2021. It was an event full of knowledge and medical ethics with the most talented speakers and panelists.

NUMBER OF PARTICIPANTS: 110



7. Medical College Activities

Anatomy

- Workshop conducted at Cadaveric Bioskill Laboratory-Quantino TLF in RIRS Procedure in collaboration with Bioradmedisys, Mumbai on 28-01-2021 by Dr. Umesh Nagare, Dr. Rahul Patil (Total 19 beneficiaries)

Physiology

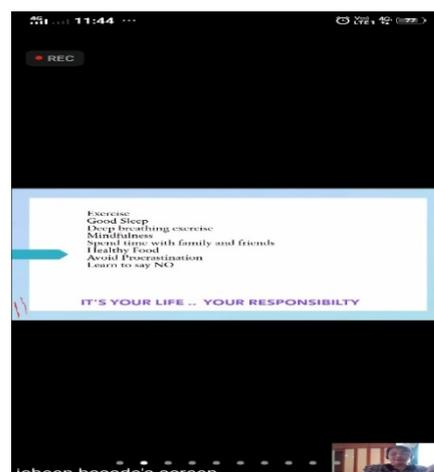
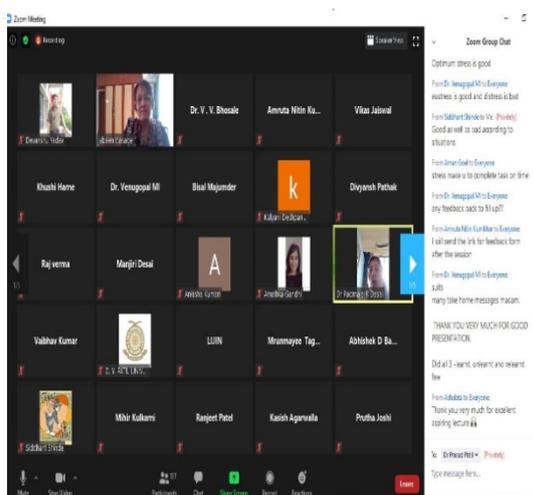
- Department of Physiology had organized online guest lecture on the topic “Online Teaching and Mental Health” on 30-12-2020. The lecture was delivered by Guest Speaker Dr. Jabeen Basade, who is a motivational speaker and a Life Coach from Mumbai. Speaker was introduced to the audience by HOD Dr. Padmaja Desai. Ist year M.B.B.S students and the Faculty members attended the lecture. 120 students were present. It was very interactive session. Speaker highlighted the concept of learning and relearning, management of emotional up -downs, how to cope up with the stress and discussed various issues regarding studies. At the end Feedback was taken from the students. Forms were analyzed and it showed following results.

Sr. No	Particular	Extremely Good%	Good %	Average %	Poor %
1	How was the overall organization of the lecture?	70.1	29.1	0.9	-
2	How relevant was the content discussed by the speaker?	70.1	29.1	0.9	-
3	Are you satisfied with the time & venue	53	41.9	5.1	-
4	How much interesting this session was for you?	60.7	38.5	0.9	-
5	How was your preparation about the topic before the guest lecture?	41.9	36.8	19.7	1.7
6	Did the lecture cover what you were expecting?	58.1	41	0.9	-
7	What is your opinion about the speaker?	72.6	26.5	0.9	-
8	How much this session was useful from the knowledge & information point of view	66.7	31.6	0.9	0.9
9	Overall effectiveness of the lecture?	65	33.3	1.7	-
10	Speaker was able to explain the topic clearly & used relevant examples?	61.9	37.3	0.8	-
11	Mention key learning from the lecture.	65.3	33.1	1.7	-

Analysis reveals that 70% of students appreciated the topic and the content as extremely good

72% students marked extremely good opinion about the Speaker

The session was concluded by giving vote of thanks by Dr. Mrs. A. N. Kumbhar.



- The Department of Physiology had conducted GUEST LECTURE on “COVID 19- Disease, Vaccination awareness Program”, at ‘Mahavir College, Kolhapur’ on 20th March 2021, on ‘COVID-19 Disease and Vaccination awareness’ for the teaching and non-teaching faculties of the college.(This college was established in 1970 by Shri Acharyaratan Deshbhooshan Shikshan Prasarak Mandal, which is now a well reputed and NAAC ‘A’ grade institute in Kolhapur. Dr.Rupesh P. Dahilkar, Associate Professor, Physiology was the speaker.

The lecture started with the brief introduction about the CORONA/ COVID- 19 virus with its structural details and the appearance. Later he stressed on the clinical presentation of the COVID- 19 disease and explained the about the importance of getting checked by the health personal if anybody is having symptoms related to it. With the proper examples, he also explained the modes of spread of this contagious disease via direct and indirect route and the need to take utmost care.

He also stressed upon the availability of the present vaccines in India as COVISHIELD by Serum Institute of India and COVAXIN by Bharat Biotech. He pointed the important landmarks in the origin of these Nobel institute and their contribution in the vaccine manufacturing for the needy countries all over the world. He also mentioned the preparation, packing, storage, transport and the method of injection of this vaccine, stressing to maintain the cold chain to get the maximum benefits. He also discussed the common man genius questions. (like, ‘Who is most at risk? What is the treatment for COVID-19? How can the spread of COVID-19 be slowed down or prevented? What are the common side effects after vaccination? How long after COVID vaccine can you have a reaction? Who should not take COVID vaccine? Are Vaccine Side Effects a good sign? Can a COVID vaccinated person still transmit COVID? Do you test positive for COVID after getting the vaccine?’.) He stressed upon the facts that mere vaccination doesn’t give protection against infection, rather it decreases the severity and complications as compared to non-vaccinated people. At last there was question and answer session. The lecture ended up with the take home message of getting vaccine and spreading awareness about the vaccination and continue to maintain social distancing, use of mask and sanitization etc.

Total no. of beneficiaries – 33 Teaching faculty, 7 non-teaching staff

The purpose of this extension activity was to spread awareness about the vaccines and decrease or reduce the phobia about the vaccination program which will be the cornerstone for the better health and unity of the nation. All participants appreciated this extension activity.



- The Department of Physiology had conducted a Guest Lecture on “COVID 19- Disease, Vaccination awareness Program”, at ‘The New College, Kolhapur’ on 30th March 2021, on ‘COVID-19 Disease and Vaccination awareness’ for 70 faculties of that college.
- Dr Rupesh P. Dahilkar, Associate Professor, Physiology has the guest faculty.

The lecture started with the brief introduction about the CORONA/ COVID- 19 virus with its structural details and the appearance. He also stressed upon the availability of the present vaccines in India as COVISHIELD by Serum Institute of India and COVAXIN by Bharat Biotech. He pointed the important landmarks in the origin of these Nobel institute and their contribution in the vaccine manufacturing for the needy countries all over the world.

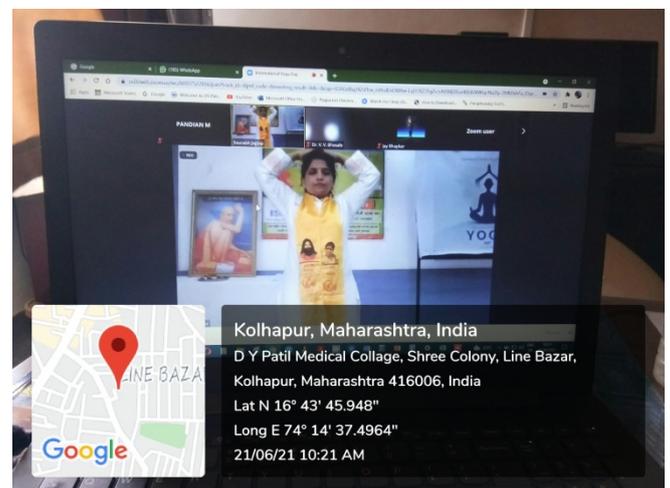
The lecture ended up with the take home message of getting vaccine and spreading awareness about the vaccination and continue to maintain social distancing, use of mask and sanitization etc. Total no of beneficiaries- 63 Teaching faculty and 28 non-teaching staff.



- The Physiology department had organized online celebration of “7th International Yoga (IYD)” on 21st June 2021. This year due to COVID -19 pandemic and lockdown the IYD was celebrated online. The theme set by the UN was “Yoga for well Being”.

Program started with the welcome of the guest Mrs. Asmita Sawant, Member of patanjali yog samiti Kolhapur. Dr. Padmaja R. Desai, Professor and Head of the Physiology department gave a brief insight on the Theme, which highlighted the benefits and importance of yoga. In the year 2020 due to COVID -19 outbreak we have been going through a very tough time. The pandemic has shown to us the importance of immunity and healthy living. Yoga is something that brings these qualities together.

After this session, Demonstration of “Yogasanas and pranayam” was conducted by the invited Yoga trainer, member of Patanjali Yog Samiti Kolhapur Mrs. Asmita Sawant. She highlighted the importance of yoga in daily life and it should not be the just one day celebration of yoga day. The event was attended by total 160 participants from 1st MBBS students, faculty members from Pre, para and clinical departments. Vote of thanks was proposed by Dr. Amruta Kumbhar, Assistant Professor, Department of Physiology.



- The department of physiology conducted International Women’s Day competition for 1st year MBBS students on 8th March 2021 between 9.00am to 11.00am. Total 147 students attended the event. All faculty members were present for the activity. Event was organized by Dr. Mrs. Amruta Kumbhar Asst. Professor in the dept.

Theme: “Choose To Challenge”

Following students were selected for competition:

Sr. No.	Names of the students
1	Mr. Sadachandra Kothiwale
2	Miss. Shreya Gosavi
3	Miss. Yashashree Choudhary
4	Miss. Shalini Singh
5	Mr. Eshan Deval
6.	Miss. Vaidehi Pote
7.	Miss. Samrudhi Patil
8.	Mr. Akshay Rathod

Students were asked to prepare their PowerPoint presentation related to the theme. They presented their thoughts with full energy and enthusiasm. Participants' performances were evaluated by the faculty members of the physiology dept. on the basis of evaluation criteria. Three best presentations were given the prizes and the certificates of participation were given to all.

At the end of the session online Feedback about the overall conduct of the event was taken from the students, data was analyzed.

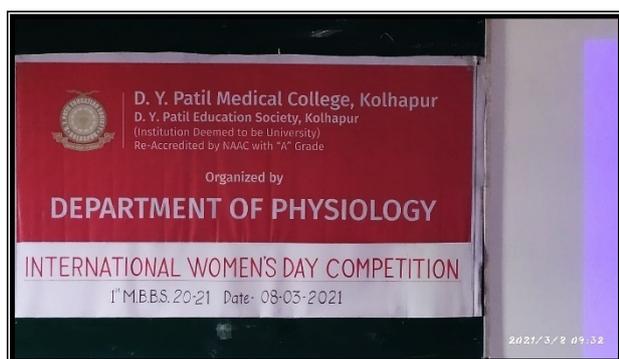
FEEDBACK FORM ANALYSIS

Title :- International Women's day competition

Date:- 08/03/2021

Time:- 09:00am to 11:00am

Sr. No	How well were these areas addressed?	Strongly Agree %	Agree %	Disagree %	Strongly Disagree %	No Opinion %
01	The slides built my interest in the presentations	45	48.8	1.6	3.9	0.8
02	The slides were well designed	39.5	49.6	5.4	4.7	0.8
03	The presentations were coherent with the theme	18.6	54.3	20.2	2.3	4.7
04	Presentations were well conceived	34.9	55	4.7	4.7	0.8
05	Students spoke clearly on the topic	33.3	52.7	7	5.4	1.6
06	Students personal presentation style created interest	24	36.4	29.5	7.8	2.3
07	Presentations were well delivered	24.8	29.5	38	5.4	2.3
08	Overall presentations were interesting and engaging	23.3	33.3	31	10.1	2.3
09	Use of Audiovisual material	17.1	29.5	40.3	9.3	3.9
10	Presenter had good understanding of the topic	17.8	25.6	31	13.2	12.4



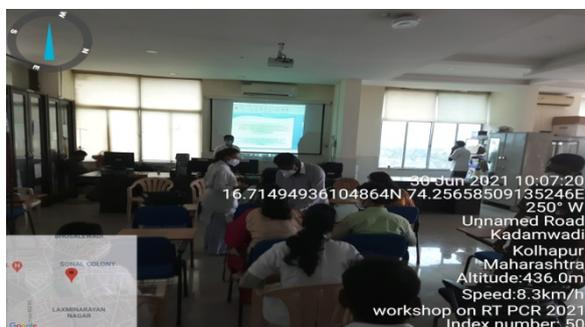
Microbiology

- Department of Microbiology Celebrated the World Hand Hygiene Day, 5th May 2021 by holding a poster competition among II MBBS students on the theme of the year “Hygiene at point of care”. 16 second MBBS students and 6 teaching faculties participated. The winners were as follows.

1st Prize – Sharvya Shetty, Roll no- 121

2nd Prize- Hardik Sagar, Roll No 41

3rd Prize- Prutha Joshi, Roll No- 104



- Department of Microbiology organized a Webinar and Workshop on RT-PCR based diagnostics for SARS-COV-2 or 30.06.2021. Total 7 laboratory technicians, 2 DMLT students and 9 teaching faculty (Total= 18) participated.

- **Workshop on Microscopy**

Dept. of Microbiology organized the Hands-on Training workshop on Microscopy on 8th June, 2021. Two Technical Scientists from Magnux Microscope, Pune demonstrated the working and use of 14 mega pixel camera. There were 28 participants from

Pathology, Physiology, Anatomy, Biochemistry, Pharmacology and Microbiology departments.



Community Medicine

- Report - COVID-19: Community Survey and Health Counselling

Department of Community Medicine of D. Y. Patil Medical College & Hospital, Kolhapur participated in “Community Survey and Health Counselling” since first week of June 2020 in view of Covid-19 situation in Kolhapur.

In this survey activity, team of total 20 interns, 10 faculties and 20 non-teaching staff were involved.

Total 18,293 families covering 75,046 population were screened for various symptoms of corona virus disease. Amongst them 10,092 population were found to be above 60 years of age and 6,468 adults were suffering from co-morbidities like diabetes mellitus, hypertension, heart diseases, renal diseases etc. Those who were suffering from symptoms of Covid-19 were referred to various hospitals including Dr.D. Y. Patil Hospital, Kolhapur.

Health awareness pamphlets regarding prevention of corona virus spread and health counselling for protection from COVID-19 were given to families during survey.



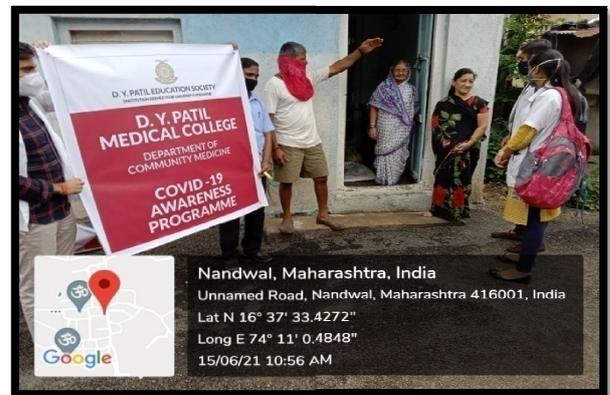
- Report of UBA villages - COVID-19 awareness programme.

Under **Unnat Bharat Abhiyan** Department of Community Medicine has organized COVID-19 awareness programme in following villages:

Sr. No.	Day & Date	Village	I/C Faculty	Total no of beneficiaries	students participated
01	15-06-2021 Tuesday	Nandwal	Dr. T.A. More & Interns	112	08
02	16-06-2021 Wednesday	Ispurli	Dr. P.A. Potdar & Interns	126	10
03	18-06-2021 Friday	Ghotawade	Dr. S.S. Patil & Interns	130	08

The Faculty memb delivered a detailed talk on COVID-19 including its signs and symptoms, preventive measures like stages of hand washing with sanitizer, proper use of face mask, importance of social distancing. Also the importance of taking Corona Vaccine was discussed and motivated people for the same. The local people actively participated by asking different questions regarding COVID-19 and their queries were answered satisfactorily.

Village Nandwal



Village Ispurli



Village Ghotawade



- **Report Observance of Vigilance Awareness week, 2020.**

On the occasion of “Vigilance Awareness week, 2020”, Department of Community Medicine had conducted Integrity Pledge at UHTC, Kasaba Bawada. Medical Officer of UHTC had given Pledge to the people attending UHTC. Total 15 students and 7 Intern doctors participated.

Total Beneficiaries: 24



- **Report of Celebration of world Leprosy day 2021.**

On the occasion of World Leprosy Day, to create public awareness, Department of Community Medicine conducted the following activities at various places on 30 January & 1 February 2021.

1. At Urban Health Centre, Skit play by VIIth Term students on Leprosy awareness was conducted and was highly appreciated by the people. Skit play was also done in Health camps at More-Mane nagar, Mangalwar Peth and OPD Complex in Dr.D.Y. Patil Hospital, Kadamwadi.
2. Health talk by intern and LMO UHTC on the theme of Leprosy day- “Beat Leprosy, End Stigma & Advocate for Mental Wellbeing”. It was stressed that if proper treatment is taken for 6 months, Leprosy is a totally curable disease.
3. The Posters prepared by students were explained to the people.

Total no. of Beneficiaries were about 150.

Health Talk by Intern & LMO



- **Report of COVID-19 awareness programme.**

Department of Community Medicine has organized COVID-19 awareness programme in various village as follows:

Sr. No.	Day & Date	Village	I/C Faculty	No. of Beneficiaries	No. of Students participated
01	16-01-2021 Saturday	Pachagaon	Dr. J.S. Shete & Interns	120	10
02	06-02-2021 Saturday	DaryacheVadagaon	Dr. T.A. More & Interns	180	10
03	20-02-2021 Saturday	Nerli	Dr. V.G. Nikam & Interns	65	15
04	20-03-2021 Saturday	Sangavade	Dr. P.D. Kolekar & Interns	140	12
05	03-04-2021 Saturday	Sangawadewadi	Dr. V.G. Nikam & Interns	110	10
06	17-04-2021 Saturday	Mauje Nagaon	Dr. T.A. More & Interns	135	12

The Faculty member has delivered a detailed talk on covid-19 including its signs and symptoms, preventive measures like stages of hand washing with sanitizer, proper use of face mask, importance of social distancing. The local people actively participated by asking different questions regarding covid-19 and their queries were answered satisfactorily.



- **Report of Free Health Check-Up Camp & COVID-19 awareness programme.**

Department of Community Medicine and Dr. D.Y. Patil Hospital and Research Institute, Kadamwadi, Kolhapur has conducted Multi-diagnostic Free Health check-up camp and covid-19 awareness programme in village Panchgaon 05/12/2020.

Following Health services were provided:

- Free consultation from various specialties (e.g. Medicine, Obst &Gyn, Paediatrics, Ortho etc)
- Free distribution of Medicines
- Health education and counselling on importance of hand washing, proper use of facemask and social distancing

Total no. of beneficiaries: 86

Total no. of referral: 20

Total Interns and PG students participated:08



- **Report of Free Health Check-Up Camp & COVID-19 awareness programme.**

Department of Community Medicine and Dr. D.Y. Patil Hospital and Research Institute, Kadamwadi, Kolhapur has conducted Multi-diagnostic Free Health check-up camp and covid-19 awareness programme in village Hanbarwadi on 11/12/2020

Total no. of beneficiaries: 74

Total no. of referral:14

Total Interns and PG students participated: 08

- **Report of Free Health Check-Up Camp & COVID-19 awareness programme.**

Department of Community Medicine and Dr. D.Y. Patil Hospital and Research Institute, Kadamwadi, Kolhapur has conducted Multi-diagnostic Free Health check-up camp and covid-19 awareness programme in village Ujalaiwadi on 18/12/2020

Total no. of beneficiaries: 68

Total no. of referral: 12

Total Interns and PG students participated: 08



- **Report of International Women’s Day - Guest Lecture.**

On occasion of International Women’s Day 08th March 2021, as a collaborative activity under MOU, Community Health extension unit has organized a speech at Kamala College, Kolhapur. Dr. Archana Kumbhar, Assistant Professor, Department Obst./Gynae delivered a speech on “Health problems of Adolescent girls” and Dr. Pallavi Potdar, Associate Professor, Department Community Medicine has discussed about “Prevention of COVID – 19”. Both the lectures were appreciated by the audience.

Total Beneficiaries – 65 Girls



- **Report of RCH Camp done at UHTC, Kasaba Bawda**

UHTC in collaboration with Kolhapur Municipal Corporation conducted a free Health check up camp (RCH camp) on Friday 18th December 2020 at Bhagatsingh Vasahat, Kasaba Bawada, Kolhapur. Dr Sonakshi Patil M.O. Urban Family Welfare Centre no. 5, Dr. Shinde M.O. Interns from UHTC – Dr. Sudheer Reddy, Dr. Abhishek Chavan, Dr. Pallavi Kalyani, examined 123 patients check-up of women and children was done.

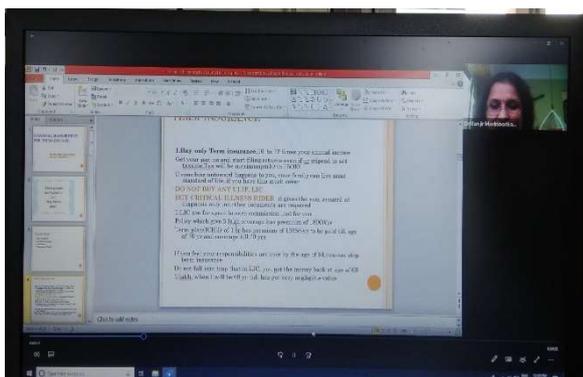
Knowledge was given to the public regarding Govt MCH schemes like 'Surakshit Matrutva', 'Janani Suraksha yojana', Family planning methods, communicable diseases, insect and waterborne diseases, so also guidance regarding Corona disease preventive measures.

No. of beneficiaries were 123.

RCH Camp at Bhagatsinghvasahat, Kasaba Bawada



The online Guest Lecture on Financial Planning- The way to learn spending hard earned money wisely was conducted on 04-02-2021 during 11.00 am to 12.00 noon. The guest speaker was Dr. Manjiri Madnoorkar, Consultant Anaesthesiologist, Nashik who briefed the topic of financial planning in simple manner. She covered areas of insurance and investment mainly term insurance, medical insurance, professional indemnity insurance which is need of time being medicos. Also she guided students regarding starting small investments since residency period and build the track for future in early stages of life. Total number of participants 65 PGs, Interns & Students



- **GUEST LECTURE (ONLINE)**

The guest lecture was arranged on 11-02-2021 during 11.00 am to 12.00 noon. The guest speaker was Mr. Hardik Dave, CA & Start-up Consultant., BLFT Mumbai who briefed about Entrepreneurship, scope for medicos in simple manner. He covered thrust areas of

entrepreneurship, qualities required, the industry needs in health care, legal consideration, perfect team, funding, network, etc. Total 50 PGs, Interns & Students were participated.



- **GUEST LECTURE (ONLINE)**

The Guest Lecture was arranged on 16-06-2021 during 11 am to 12 noon. Dr. J.U. Yadav, Professor, Community Medicine welcomed and introduced the guest speaker Dr. Reshma Pawar, Executive Director & CEO, KCC. She briefed that patient clinical care is subset and only twenty percent of healthcare management. Healthcare management involves Hospital setup, Support services, quality in health care, evidence- based research, medicolegal systems, etc. She spoke on medical negligence and violence against doctors can be minimised with excellent documentation and counselling. NUMBER OF PARTICIPANTS:110 PGs, Interns and Medical students

Anesthesiology

- B LS demonstration For Hospital staff (NABH) All faculties on 19-07-2020
- Webinar on COVID-19 & PT –Anaesthesia M at SAK (ISA-Kolhapur) Anesthesiology Speaker: Dr. Sandeep Kadam on 27-08-2020
- Liver and anesthesia Guest Lecture at SAK (ISA-Kolhapur) Anesthesiology Speaker: Dr. Pradhan & Dr. R. Bawdekar on 26-09-2020
- Code Blue teaching and demonstration For Hospital and nursing staff Anesthesiology Dr. K. R. Kulkarni, Dr. Sandeep Kadam, Dr. Pradhan and Dr. S. Desai on 13-10-2020

- Pain medicine Management of chronic pain Guest Lecture at SAK (ISA-Kolhapur) Anesthesiology by Dr. K. R. Kulkarni on 19-01-2021
- BLS for Asha Workers Dept. of Anaesthesiology on 21-01-2021
- Pain medicine Management of chronic pain Anesthesiology Speaker : Dr. Sidharth Verma, Mumbai on 27-01-2021
- Critical airway Management(online)Web conference organized & participated By Department of anesthesiology Speakers: Dr. K. R. Kulkarni, Dr. I. J. Namazi and Dr. Sandeep Kadam on 07-02-2021
- Anesthesia for CABG and Valve replacement Anesthesiology Speaker: Dr. Samrat Madnaik, KIMS Karad on 22-05-2021
- Acid base disorders – Practical approach Anesthesiology Speaker: Dr. Vikram Patil on 05-06-2021
- Mucormycosis early diagnosis and prevention Anesthesiology Speaker: Dr. R. Chavan on 06-06-2021

ENT

1. Sinonasal Mucormycosis in COVID era
 - Webinar on 26/02/2021 attended by 110 students, consultant
2. World Hearing Day celebrated on 3/3/2021
 - Free checking camp for Deaf persons during 3/3/2021 to 10/3/2021
 - 50 patients examined and Pure Tone Audiometry done
 - Publicity done on Radio & local news papers
 - All types of hearing aids displayed
 - Participation certificate by WHO received
3. World Voice day celebrated on 16/04/2021
 - Patients & relatives were educated about proper use of voice
 - Video Clip made & posted on social media about voice care.



Obstetrics and Gynecology

- International Women's day was celebrated on 08-03-2021. Women's achievements are found in all aspects of life. Its about celebrating women's success and raising. On the occasion of Women's day we have felicitated COVID warriors at Dr. D. Y. Patil Medical College Hospital and Research Institute, Kadamwadi, Kolhapur.



Pediatrics

- Workshop Basic Life support training to Interns on 4th to 7th Nov 2020 collaborating partner IAP. 35 delegates were participated.
- ACLS Training for Nursing college faculty D. Y. Patil Medical College, Kolhapur on 24th February 2021.
- Nursing and Doctors training for Pediatrics COVID, from KMC, Isolation Hospital and DYP Hospital on 21st May 2021 KMC. 25 delegates were participated.
- Basic Life Support Workshop on 10th April 2021 IAP. 40 delegates were participated.

6. Activities of Center for Interdisciplinary Studies

An online webinar on “Current Trends in Biological Sciences” was organized by Department of Stem cell and Regenerative Medicine (SCRM) and Medical Biotechnology (MBT) on 9th November, 2020. Convenor of the Webinar of

Prof.S.Mohan Karuppayil (Professor and Head, SCRM& MBT). The speakers for the workshop and title of their talk is as follows:-

Speaker 1:-

Dr. Nanasheeb Thorat Marie-Curie Fellow (Researcher), Medical Science Division

UNIVERSITY OF OXFORD

Title of Talk: Interdisciplinary Career research and opportunities

Speaker 2:-

Dr. Meghnad Joshi, Associate Professor, Department of Stem Cells and Regenerative Medicine (SCRM) and Medical Biotechnology (MBT) DYPU, Kolhapur.

Title of Talk : Career prospects in Stem Cells and Regenerative Medicine

The webinar was conducted via Zoom platform and broad casted through youtube and facebook live. Webinar was attended by M.Sc. students, research scholars and teachers. The total number of participants in the webinar was 95.

ACTIVITY NAME: Webinar

Title	“ Stem Cells and Regenerative Medicine: Future Prospects”
Date	Saturday, 05 December 2020
Name of Speakers	1. Dr. Meghanad Joshi, Associate Professor, SCRM 2. Dr. Shivaji Kashte, Assistant Professor, SCRM
Name of Faculty Coordinator	Dr. Shivaji Kashte
Venue	Online ZOOM platform
Objectives	<ul style="list-style-type: none"> • To make aware life sciences graduates about stem cells and regenerative medicine • To develop competitive excellence among students and train them to fitting needs of industries and academic research institutes. • To provide a platform to interact with the experts from various fields of stem cells and regenerative medicine
Description	<ul style="list-style-type: none"> • All the speakers discussed about stem cells and regenerative medicine and their importance in various activities of research. There was a good response from the participants. All the sessions were interesting, interactive with active participation by students and faculties.
Outcome	<ul style="list-style-type: none"> • Participants got exposure to interact with experts in the field of stem cells and regenerative medicine • Participants acquired different research backgrounds about stem cells and regenerative medicine • Participants acquired knowledge about various opportunities and future prospects of stem cells and regenerative medicine
No. of participants	60

ACTIVITY NAME: Workshop

Title	“ Workshop on Good Laboratory Practices”
Date	Saturday, 06 February 2021
Name of Resource Persons	Dr. Meghanad Joshi, Associate Professor, SCRM Dr. Ashwini Jadhav, Assistant Professor, SCRM Dr. Mayakannan Krishnan, Assistant Professor, Department of Medical Physics Ms. Shital Kale, Overseas Visiting Doctoral Fellow, SERB, India, CIR
Name of Faculty Coordinator	Dr. Shivaji Kashte
Venue	Online ZOOM platform & at CIR
Objectives	<ul style="list-style-type: none"> • To make aware MSc. Students and Researchers about Good Laboratory Practices • To develop competitive excellence among student and train them to fitting need of industries and academic research institutes. • To provide a platform to interact with experts from various fields of Interdisciplinary studies.
Description	All the speakers discussed about Good Laboratory Practices and their importance while doing various activities of research. There was overwhelming response from the participants. All the sessions were interesting, interactive with active participation by students and faculties.
Outcome	Participants got exposure to interact with experts in the field of Interdisciplinary studies. Participants acquired different Good Laboratory Practices, Does and Don'ts while performing experiments in the lab.
No. of participants	86

ACTIVITY NAME: INTERNATIONAL

Title	“Stem Cells And Regenerative Medicine–Academic and Industrial Outlooks” (SCRM-AIO-2021)
Date	March 19-20, 2021
Name of Speakers	<ol style="list-style-type: none"> 1. Dr. Ashim Gupta, President, Future Biologics, Georgia, USA 2. Dr. Sachin Kadam, Director, Aesthetic Rebirth Pvt Ltd., India 3. Dr. Daniel Cermeno, BAS, REGEMAT 3D, Spain 4. Dr. Udayan Apte, Associate Professor, University of Kansas Medical Center, Kansas City, USA. 5. Dr. Kishore Polireddy, Senior Scientist, Synteract, PA, USA

	6. Prof.B. D. Banerjee, University College of Medical Sciences and GTB Hospital, University of Delhi, Delhi, India
Name of Faculty Coordinator	Dr. Shivaji Kashte
Venue	Online ZOOM platform
Objectives	<ul style="list-style-type: none"> • To make aware Life Sciences Students and Researchers about stem cells and regenerative medicine • To develop competitive excellence among Students and Researchers and train them to fitting need of industries and academic research institutes. • To provide a platform to interact with experts from various fields of stem cells and regenerative medicine
Description	All the speakers discussed about stem cells and regenerative medicine and their importance in various activities. All the sessions were interesting, interactive with active participation by students and faculties.
Outcome	<ul style="list-style-type: none"> • Participants got exposure to interact with experts in the field of stem cells and regenerative medicine • Participants acquired different research backgrounds about stem cells and regenerative medicine • Participants acquired knowledge about various opportunities and future prospects of stem cells and regenerative medicine
No. of participants	175

7. *Activities of Nursing College*

• **WORLD HEART DAY**

D.Y. Patil College of Nursing celebrated WORLD HEART DAY 2020 on 29th September 2020 by organizing the poster exhibition & guest lecture on this year's theme "**USE HEART TO BE AT CARDIOVASCULAR DISEASE**". S. N. A unit of College actively participated.

During the COVID-19 global pandemic, the activities carried out online using social media, Zoom meeting app & Microsoft Teams app.

Poster Exhibition: There were 11 online posters made by students from B.Sc., P.B. BSc., & M.Sc. Nursing students.

Guest Lecture: The guest lecture was conducted through online platform by using Zoom meet app & Microsoft Teams app. The brief review of this year's World Heart Day

theme was done by Prof. Suchitra Rathod Principal D.Y. Patil College of Nursing. The Guest Lecture was delivered by Dr. Nilesh Kulthe M.D. Kayachikitsa, Regional Medical Head, Madhavbaug Clinic, Nashik. He spoke on preventive aspect of Cardiovascular diseases and gave an insight of importance of diet, exercise, abstinence from smoking and alcoholism in prevention of heart diseases.

- **World Bioethics Day 2020**

On this occasion E-Poetry competition was organized on the topic '**COVID 19 - Pandemic: Benefits and Harms**'. Poetry were written very beautifully by five students. Mr. Akash Gadade from B.Sc. (N)-II year was the winner.

- **Health Check-Up Camps on 08-12-2020 to 03-03-2021**

To create health awareness and to provide health care facilities to the urban area people, multi diagnostic health check-up camps were organized by D.Y. Patil Medical College Hospital and Research Institute, Kolhapur at Ratnappa kumbhar Nagar, Salokhe Nagar, Kasaba Bawada, Rajyopadhye Nagar, Shahu Nagar, Ambedkar Vasahat and Shivaji Peth. The students of BSc (N)- IV Year batch of D.Y. Patil, College of Nursing had participated in these health camps.

The students participated by giving health education to the people. There was good response from the people.

- **INTERNATIONAL SEMINAR ON “NURSING CAREER: AN OVERSEAS PERSPECTIVE- (NCOP)”**

D.Y. Patil College of Nursing has organised an International seminar in collaboration with IQAC, on 26th February 2021, on “Nursing Career : An Overseas Perspective- (NCOP)”. The aim of the seminar was to orient the students and staff nurses to the various recruitments, placements, selection process and the scope of Nursing career at the Gulf and Western countries.

Prof. Manisha Bijapurkar, Vice-Principal, welcomed and introduced the chief guest of the international Seminar, Dr. Mrs. Shimpa Sharma . In the inaugural speech Dr. Mrs. Shimpa Sharma highlighted the need for the information which is required to avail

overseas nursing jobs and how this seminar would be fruitful in guiding the staff nurses and the students to pursue the career at Overseas.

After the inaugural, Mr. Pravin Subravgoudar, Asso.Prof. introduced the first speaker, Mr. Kiran Patil, M.Sc (N) in Child Health Nursing, who is working as Nurse Educator II (CF) Research Representative, at Al.Khor Hospital, Hamad Medical Corporation, Ministry of Public Health, State of Qatar. His session was on “Nursing: A Stepping Stone to Gulf”. He highlighted on the professional benefits, required qualification and experience, process of application, necessary documents & examinations to be cleared for pursuing Nursing career at Gulf.

The second session was on “Nursing: A Stepping Stone to Europe and Australia”. The speaker for this session was Ms. Deepthi Thankachan, M.Sc (N) in Medical-Surgical Nursing who was welcomed and introduced by Mrs. Sheetal Kamble,, Asso. Professor.Ms.Deepthi T is an alumni of this college. She is working as Cardiac Theatres Practitioners at Kings College Hospital, Denmark Hill, London. She explained about the qualification and experience required to work in Europe. She also shared the information on the exams like IELTS, CBT, OSCE and their scoring system, available coaching classes, documents required, salary benefits and other incentives to Europe, Ireland, Italy and Malta.

The third speaker was Mr.Amit Gaikwad, Who is working at The Wesley Hospital, Brisbane, Australia, as a clinical nurse. He briefed the information regarding the outcome-based assessment and the examinations like NCLEX-RN and OSCE, process of application, remuneration and benefits, and also coaching agencies to get recruited at Australia.

The fourth session was on “Overseas Nursing Avenues and Nursing Research” the speaker Mrs. Rohini Castillion who is working as Nurse Educator II (CF), at Women’s wellness and Research Centre, Hamad Medical Corporation, Doha, Qatar. She explained in detail about the opportunities in Gulf countries, and various positions held by the staff nurses at Gulf according to their education and experience. She further highlighted the progress a nurse can do from clinical track to research track and the various collaborations which the Nurse researchers get involved with. She also highlighted about the intramural and extramural grants for the Nursing Research at the Gulf, mandatory training in Gulf, appreciation, rewards, etc.

The Panel discussion was on “Nursing Career Path in India and Overseas”. The panellists were all the four guest speakers and it was led by. Ms. Janaki Shinde. Lastly, Principal Mrs. Suchitrarani Rathod summarized all the sessions and thanked all the resource persons.

Feedback show that out of 257 responses, 53.7% participants rated the seminar on the best 48.6% rated the content of the seminar on the best and 91.8% expressed that the seminar was helpful.

The registered delegates were from United Kingdom, Gujarat, Delhi, Haryana, Madhya Pradesh, Tamilnadu, Karnataka, Uttar Pradesh, Rajasthan, Dadra and Nagar Haveli, Chhattisgarh, Odisha, Daman and Diu.

- **INTERNATIONAL WOMEN’S DAY CELEBRATION**

International Women’s day was observed on 8th March 2021. The audience were B.Sc. (N) –I year (91) and P.B.B.Sc. (N)- II year (24) students.

Mr. Anmol Pawar, Assistant professor, Dept. of Mental Health Nursing delivered a speech signifying the importance of women in one’s life, change in scenario of women in present situation, role and responsibilities of independent women towards family and society etc. Later Students performed a fashion show on Women’s empowerment by depicting various famous personalities like Florence Nightingale, Savitribai Phule, Hema Das, Sarela Thakur etc.

- **WORLD TB DAY**

The Department of Medical-Surgical Nursing and Community Health Nursing, and SNA unit celebrated World Tuberculosis Day on 24th March 2021. Theme of this year was 'The Clock is Ticking'.

On this occasion, poster competition was held regarding the theme. This competition was evaluated by Prof. Mr. Sunil Awate and Associate Prof. Mr. Amos Talsandekar.

Following were the winners of the poster competition.

1st prize- Soheli Havaladar M.Sc.(N) -I year

2nd prize- Gauri Jadhav GNM (N)-I year

2nd prize- Shilpa Dhale GNM (N)-I year

3rd prize- Simran Pawar B.Sc. (N)-IV year

The Online lecture was delivered by guest speaker Dr. Mrs. Anjali V. Wagh, Professor and H.O.D of community Medicine D.Y. Patil Medical College, Kolhapur.

Total number of participants were 230.

She spoke on the theme - 'The Clock is Ticking' –conveys the sense that the world is running out of time to act on the commitments to end TB made by Global Leaders.

- **Seminar on “Research Methodology in Nursing”**

Seminar on Research Methodology in Nursing was held on 25th & 26th March 2021. A total of (99) B.Sc (N)- III year and (26) P.B.B.Sc (N)-II year were participated. Pre-test was conducted at 9:30am to 9:45am. The 1stsession started at 10.00am by Principal Mrs. Suchitrarani Rathod, DYPCON, on Problem Statement. She explained what is problem statement, how to formulate it, various sources of problem statement. She explained how to state the problem like interrogative and declarative formats and how to write objectives of problem statement.

In 2ndsession Prof. Smt. Manisha Bijapurkar, Vice-Principal, spoke on the topic Review of Literature,

In 3rdsession Prof. Sunil Kumar Awate explained the various types of Quantitative research designs with simple examples. He explained the various factors influencing for selection of research designs.

In 4thsession Prof. Mrs. Suchitrarani Rathod, Principal, explained the topic of Sampling Techniques. She explained various types of probability sampling methods with suitable examples and how to select appropriate sampling techniques to the selected problem statement.

Prof. Mrs. Janaki Shinde, H.O.D Child Health Nursing, DYPCON spoke on Data collection. She explained about sources, method of Data Collection and also the various types of questionnaires methods.

On second day i.e. 26th March 2021 Professor Ms. Janaki Shinde, H.O.D Child Health Nursing, DYPCON, Associate Professor Mr. Praveen L Subravgoudar, Department of Mental Health Nursing, Assistant Professor Mr. Shivagouda Patil, Dept. of Community Health Nursing, Prof. Mrs. Suchitrarani Rathod, Principal, spoke on various topics.

Valedictory session, Felicitation of the dignitaries was done by giving saplings.

- **WORLD HEALTH DAY**

D. Y. Patil College of Nursing celebrated World health day on 7th April 2021. Theme of this year was “Building a fairer, healthier world”. Online lecture through team’s app was delivered by speaker Prof. Suchitrarani RathodPrincipal, D. Y. Patil College of Nursing. In team’s app participants for Programme were B.Sc. (N)- III year, B.Sc. (N) - IV year, P.B.B.Sc. (N)-II year, MSc. (N) students and all the faculty. Total number of participants was 220.

- **INTERNATIONAL MIDWIVES DAY**

On 5th May 2021, International Midwives day was celebrated at D.Y. Patil College of Nursing, Kolhapur, on the theme “Follow the Data: Invest in Midwives”. It was organized by Dept. of Obstetrics and Gynecological Nursing and SNA unit. On this occasion online guest lecture was arranged. The guest speaker was Dr. Sudha Raddi, Principal, KLE Institute of Nursing Sciences, Belgavi, Karnataka.

She highlighted the importance of international Midwives day as the midwives are the core factor in community who are in continuous work of providing care to mothers and newborns.

SNA office bearers contributed actively for the preparation and organization of programme. For the online celebration total 98 students of MSc (N)- II, MSc (N)- I specialty students, P.B. B.Sc. (N) –I and B.Sc. (N)- IV students participated.

- **SPECIAL ACTIVITY BY S.N.A on INTERNATIONAL NURSES DAY “Face Mask Distribution”On 12th May 2021**

The principal and the faculty took initiation and they distributed the masks to the patients admitted in various wards of hospital. The S.N.A. members actively participated in this activity. They demonstrated about how to wear mask, how to remove and dispose etc. Along with this the health education was given on preventive measures of Covid- 19 like use of face mask, hand hygiene and social distance etc. The patients also gave positive feedback about the activity.

The enthusiasm of the students and faculties for celebrating this day was oblivious to the Corona pandemic and lockdown restrictions.

Medical Superintendent Dr. Vaishali Gaikwad applauded the work of the Nurses and their tireless service to this hospital.

Various online activities like video on “Front-line warriors”, poem on “Nurse lives” and speech on “Nurses day”

8. *Activities of Hospitality Studies College*

1. International Tourism Day - 27th September 2020
2. International Food Day – 16th October 2020
3. International Chef’s Day – 20th October 2020
4. International Women’s Day – 12th March 2021
5. International French Day – 24th March 2021
6. World Environment Day – 5th June 2021
7. International Day of Yoga – 21st June 2021

International French Day



Mr. Abhijeet Saymothe (Banking & Financial Services)



Mr. Chittdosh Jadhav (Modern Trends in Housekeeping)



9. *Activities of Physiotherapy College*

- **REPORT OF NSS ACTIVITY**

On 4th November 2020, Physiotherapy staff and students took an Integrity Pledge oath in the D. Y. Patil College of Physiotherapy with 50 students, i.e 2nd year B.P.Th students as well as Physiotherapy staff.



- **40's- A Golden Chance**

On 16th December 2020, organized a guest lecture on the topic 40's- A Golden Chance. Attendees of this lecture were Clean and Care staff attendance women. Total 40 women participated in this guest lecture. Correct body posture while performing work. Doand Don'ts in our day to day activities, also lifestyle modification awareness were told to avoid further geriatric complications.



- **Guest Lecture on “Neck pain in computer operators”**

On 20th December 2020, arranged a webinar on “Neck pain in computer operators” for people who are working on computers. ‘What is neck pain, its causes and how to do work place modification to avoid neck pain’ was discussed by Dr. Umiya Pathan. Exercises to relieve neck pain and demonstration of some exercises to avoid further complications was discussed by Dr. Munpreet Singh.

- **“Ergonomic Advice on Activities of Daily Living for gardeners”**

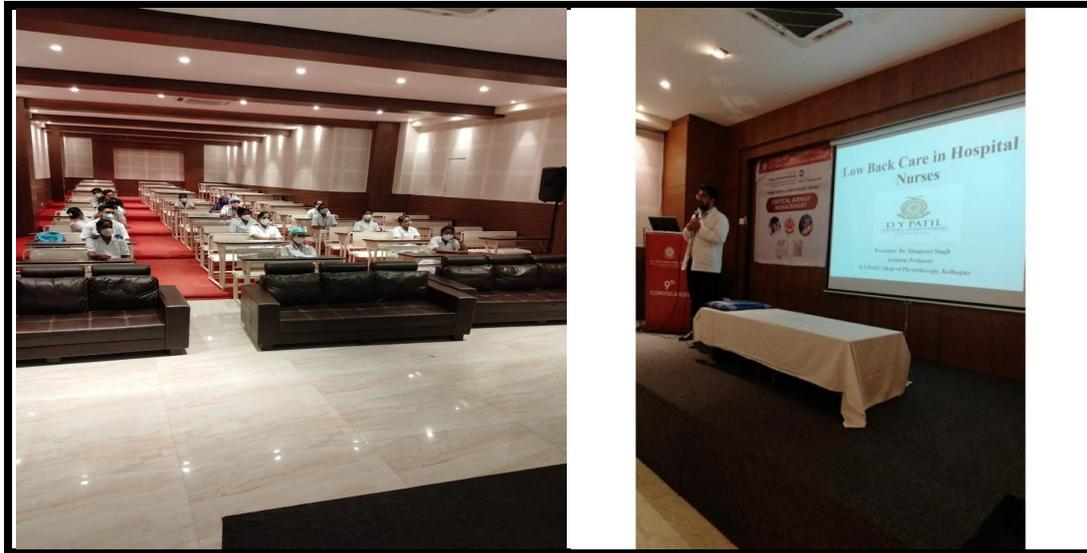
An extension activity was carried out by Dr. Adhiksha D. Pandit on 14-01-2021. This extension activity particularly focused for the employees working in the gardens of Dr. D. Y. Patil Hospital, in order to guide them about the Ergonomic Advice on Activities of Daily Living for gardeners. A mob of 16 employees gathered for the talk.



- **“Low back care for Hospital Nurses”**

On 5th March 2021, Physiotherapy Department organized a guest lecture on the topic “Low back care for Hospital Nurses”. Total 26 Nurses attended the guest lecture. Information on what is Low Back Pain, its causes, various preventive

measures and exercises to prevent Low Back Pain was given during the lecture. Participants got benefitted by awareness, and preventive measures to avoid Low Back Pain during Hospital duties.



- **International Women’s Day Celebration - Theme - “Women Nobel Laureates” on 8th March 2021**

Theme-“Women Noble Laureates” Students participated in speech competition on the women Noble prize winners. There were 3 prize winners.



- **Shahid Divas (Martyr’s Day)Blood Donation Camp on 23rd March 2021**

Attendees of this camp were 1st and 2nd year B.P.Th students from D.Y. Patil College of Physiotherapy, Kolhapur Total 18 students have donated Blood inthis camp.



- **“Physiotherapy preventive measures a treatment approach on varicose vein in long standing professionals”**

On 27th March 2021, Physiotherapy department organized a guest lecture on the topic “physiotherapy preventive measures as treatment approach on varicose vein in long standing professionals”. Attendees of this lecture were Nursing staff and housekeeping women staff in Dr. D. Y. Patil Medical College Hospital and Research Institute. Total 30 women participated. In this lecture exercises to relieve leg pain and swelling were taught. Also lifestyle modification was told explained to avoid further complications. Some of the preventive measures were explained during this talk with practical demonstration.



- **World Environmental day celebration on 05-06-2021**

On the occasion of 'World Environment Day' NSS Unit has arranged 'Tree Plantation Program' for NSS Volunteers as well as for Physiotherapy Staff on Saturday, 5th June 2021 in college campus.

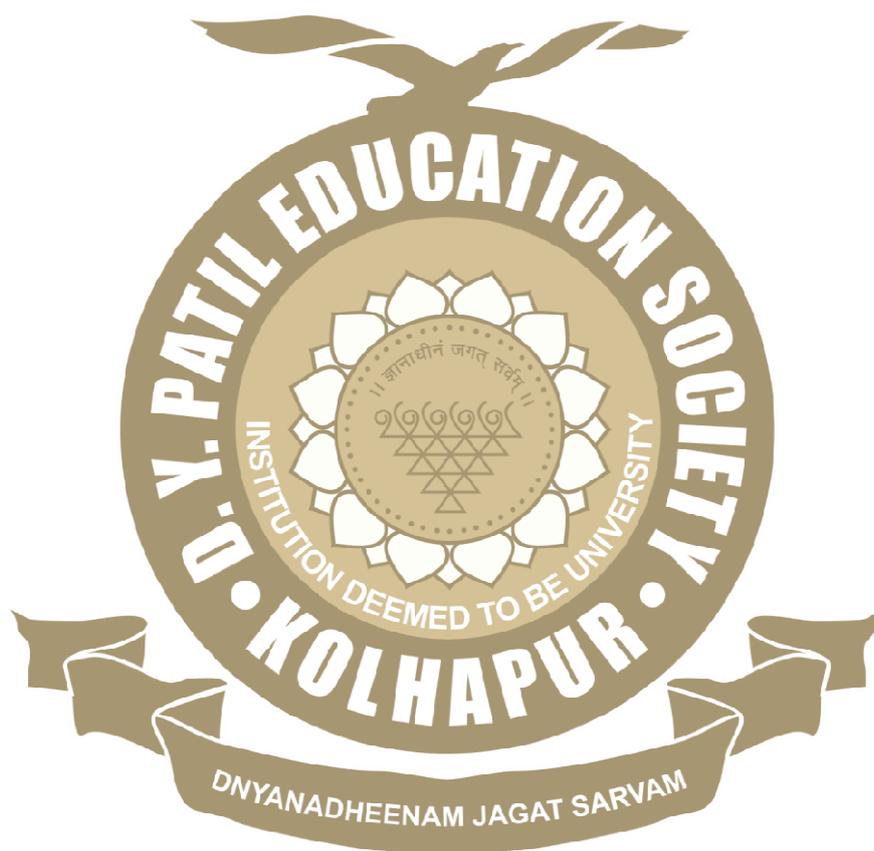


- **International Yoga Day on**

On the occasion of 'International Yoga Day' D.Y. Patil College of Physiotherapy, Kolhapur, NSS Unit has arranged 'Yoga from Home Program' on the Theme 'Be with yoga be at Home' for NSS Volunteers on Monday, 21st June 2021. All the Volunteers actively participated in this program by performing Yoga at their home.



CHAPTER 8



STUDENTS ACTIVITIES

Students'NSS Activities

1. **Celebration of World Yoga Day on 21st June 2020 (Online activity)**

The 7th World Yoga Day was celebrated on 21st June 2020 organized by D. Y. Patil Education Society NSS Unit and Yoga Lab.

The programme started at 8.00 am with the introduction by Dr. Surekha Basarge and Mr. Padmnabh Deshpande, Yoga Trainer. They demonstrated various asanas with explanation and conducted Yoga session for 2 Hours. University teaching, non-teaching staff & NSS Volunteers **(140)** actively participated.

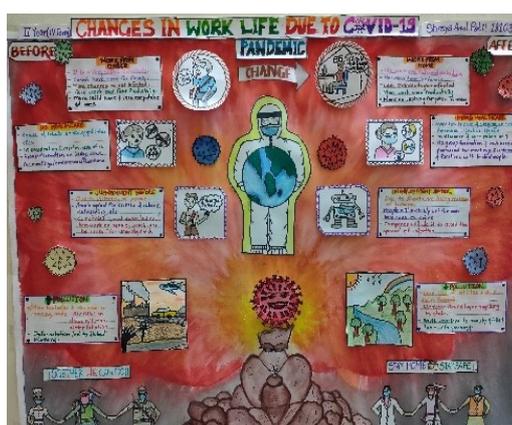
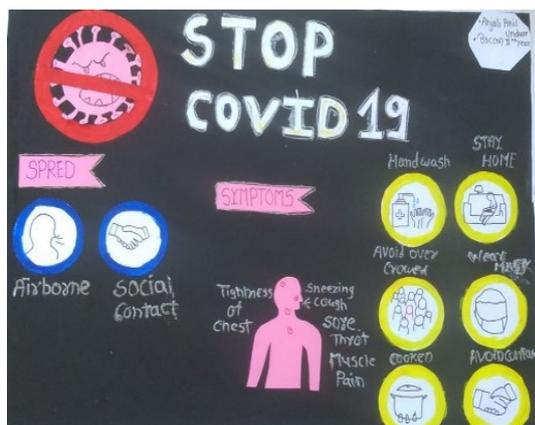
2. **Poster and Essay Competition on (Online Activity) 12th June 2020**

For Essay Topic

- 1) Impact of **COVID-19 fake messages** in social media on the control of **COVID-19** pandemic.
- 2) Impact of **COVID-19** on medical education

For Poster Topic

- 1) Work life changes due to **COVID-19** pandemic.
- 2) Access to routine healthcare during **COVID-19** pandemic.



Essay Writing - Result (19 Students participated)

Sr. No.	Student Name	College Name	Place
1	Abhishek Arun More	M.Sc.	1 st Place
2	Viswesh Parab	M.Sc.	2 nd Place
3	Satish Shivaji Patil	M.Sc.	3 rd Place
4	Ashvini G. Dharme	M.Sc.	4 th Place

Poster Competition Result (5 Students participated)

Sr. No.	Student Name	College Name	Place
1	Shreya Amol Patil-	M.B.B.S.	1 st Place
2	Nikhil A. Davkhar	M.Sc.	2 nd Place
3	Tejaswint Jadhav	B.Sc. Nursing	3 rd Place

4) Gandagi Mukta Bharat Abhiyan 8th to 15th August 2020- Tree Plantation and Cleanliness Programme-

30 NSS Volunteers at D.Y. Patil Education Society, (Institution deemed to be University) Kolhapur planted 2 trees each under Swachh Bharat Initiatives of Gandagi Mukta Bharat Campaign.



5) Gandagi Mukta Bharat abhiyaan on 8th to 15th August 2020 Cleanliness programme



After Cleaning Efforts

6) 'Pranayama for Enhancing Immunity in COVID-19 Pandemic' Webinar on the occasion of National Sports Day IQAC Initiative organized by NSS UNIT AND YOGA LAB on 31st August 2020. 40 Students and others participated



NSS Coordinator Mr. Ram Powar and Programme Officer Dr. Sudhir Sase with Yoga trainer Mr. Vilas Nikam, Mrs. Supriya Nimbalkar and Mrs. Paymal

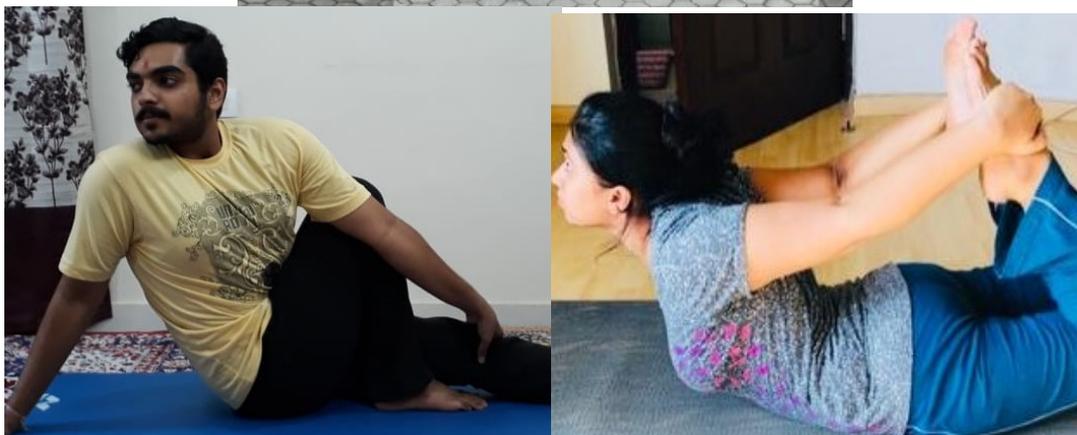
7) FIT INDIA FREEDOM REPORT

55 NSS volunteers participated in Fit India Run & Movement activity

Activities of 'Fit India Freedom Run and Fit India Movement', celebrated on 29th August 2020 to honor Major Dhyanchand Birth anniversary (National Sports Day) by National service scheme (NSS) at D.Y. Patil Medical college, Kolhapur.

1. Due to covid-19 pandemic the policy of stay-at-home, stay-safe, maintain social distancing, use of masks and sanitizers was adopted while celebrating and promoting Fit India day 2020.
2. MBBS Students of D.Y. Patil Medical College, Kolhapur participated in large number from their respective residences and started the day with physical exercises including walking, running, stretching and skipping for physical health.
3. Students practiced Yoga and meditation for physical and mental health.
4. Students helped in routine household activities.
5. Students stayed away from mobile phones on this day to do all the planned activities and cut use of mobile phones.
6. Students celebrated the Fit India day with eating less salt, no junk/fried food besides eating green leafy vegetables and fruits.
7. Students checked their vital statistics like heart rate, BP, BMI and blood sugar to be aware of their health status.
8. Students vouched to learn martial arts to stay fit and for self-defense.

Students were encouraged to take this as a challenge to stay fit forever to maximize their positive outlook in life and contribute to the growth of India.



**IQAC Initiative Organized by NSS Unit & Sports Department
UMANG (Uplift the Mind and Grow) Webinar Series**

8) FIRST TOPIC - PRANAYAMA

Yoga Trainer - Mr. Vilas Nikam, President, Patanjali Yoga Samiti, Kolhapur



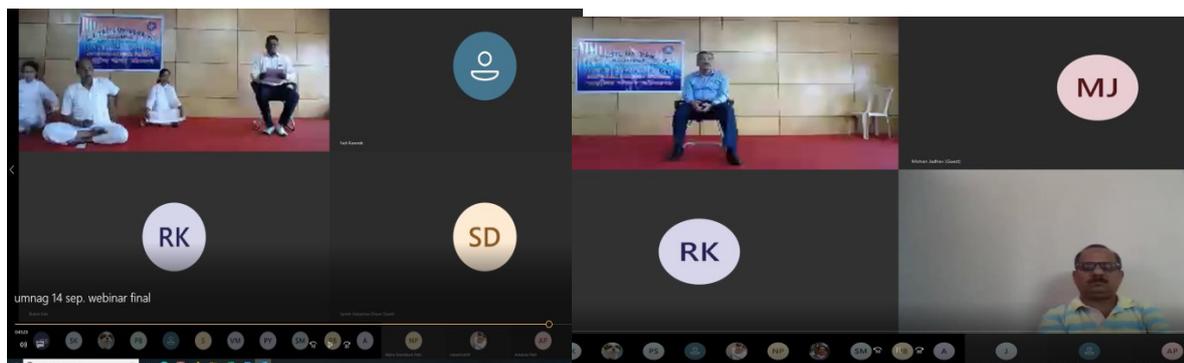
Program Officer Dr. Sunita Patil, Dr. Sudhir Sase & NSS Coordinator Mr. Ram Powar with yoga Trainer Mr. Vilas Nikam, Mrs. Supriya Nimbalkar & Mrs. Chodankar

IQAC Initiative Organized by NSS Unit & Sports Department UMANG (Uplift the Mind and Grow) Webinar Series

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
1	14.09.2020 4 to 5 pm	Pranayama	Mr. Vilas Nikam President, Patanjali YogaSamiti, Kolhapur	Mr. R. S. Pawar NSS Coordinator & Sports director	Dr. RakeshKumar Mudgal Vice- Chancellor, D.Y. Patil Education Society, Kolhapur

The first webinar series was conducted on the topic of pranayama to maintain health and increase immunity by daily doing pranayama in this COVID-19 pandemic situation. (Total participants-126)

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9) Stress Management

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
2	16.09.2020 4 to 5 pm	Stress Management	Dr. Dayanand N. Devmore	Dr. N. T. Venugopal Associate Dean	Dr. Shimpa Sharma Pro -Vice- Chancellor, D.Y. Patil Education Society, Kolhapur

The Second webinar series was conducted on topic of stress management for students and every citizen to how to come out from stress and how to handle various situations in internal and external environment, work force and around us in daily life especially on the COVID-19 situation. (Total participants-133)

SCREEN SHOT: 01



SCREEN SHOT: 02

10) Interpersonal Relationship & Communication

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
3	18.09.2020 4 to 5 pm	Interpersonal Relationship & Communication	Mr. Prasanna S. Karmarkar	Dr. Sunita Patil NSS Programme Officer	Dr. Rakesh Kumar Sharma Dean, D.Y. Patil Medical College, Kolhapur

The next webinar was conducted on topic of Interpersonal Relationship & Communication. This helped in personal and professional life and communicate within individual, groups, family, and in society to build good human relationships. (Total participants-148)



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11) Meditation

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
4	21.09.2020 4 to 5 pm	Meditation	Dr. Surekha Basarge MS ophthalmology	Dr. Sudhir Sase NSS Programme Officer	Mrs. Suchitrarani Rathod Principal, D.Y. Patil College of Nursing

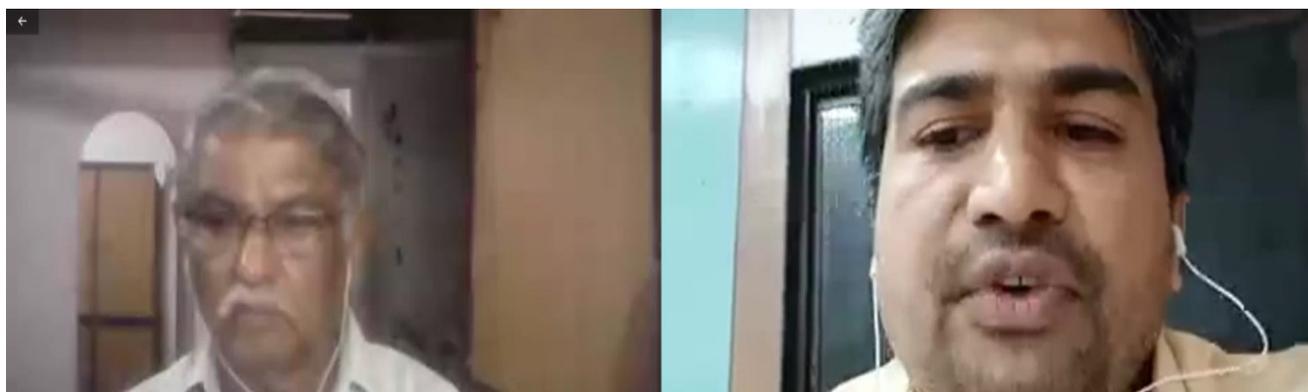
The next webinar was conducted on topic of Meditation. During this covid-19 pandemic situation *Meditation can wipe away the day's stress, bringing with it inner peace and helps to people to relax mind and soul.* (Total participants-147)



12) Citizenship for Students

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
5	23.09.2020 4 to 5 pm	Citizenship for Students	Prof. D.U. Pawar Advisor, Institution of Sciences, Pune	Mr. Shivagouda Patil NSS Programme Officer	Dr. Javeed Sagar Principal, D.Y. Patil College of Physiotherapy

The next webinar series was conducted on topic of Citizenship for Students. It is the first responsibility of every student to know their rights and responsibilities as a good citizen. Educators are obligated to teach students the history of our democracy and their civic duty. Helping students to explore citizenship and connecting it to their lives are the keys to true understanding. (Total participants-137)



13) Life Online

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
6	25.09.2020 4 to 5 pm	Life Online	Er. VinayakPanchlag MTech in artificial Intelligence	Mrs. Sheetal Kamble NSS Programme Officer	Mr. RudhirBardeskar Principal, D.Y. Patil College of Hospitality

The next webinar was conducted on topic of **Life Online**. This topic briefed about use of online learning and social media apps advantages and disadvantages. **(Total participant-126)**

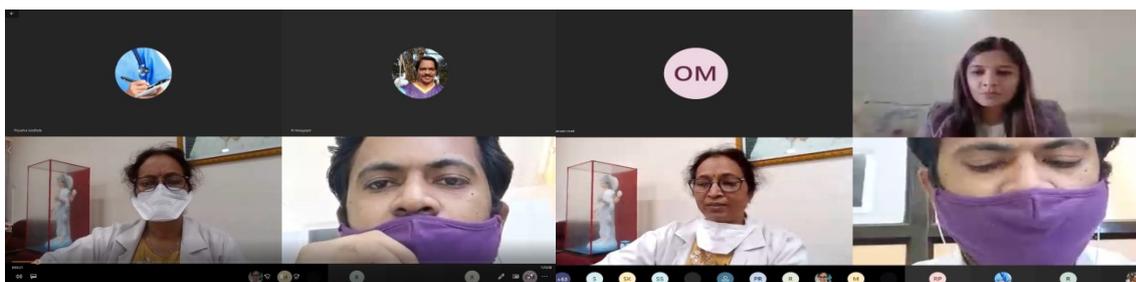
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14) Personality Development

Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
7	28.09.2020 4 to 5 pm	Personality Development	Mrs. Gauri Yadav Shirodkar MBA (Finance), Soft Skill trainer	Dr. Umakant Patil NSS Programme Officer	Dr. Vaishali Gaikwad Medical Superintend, D.Y. Patil Hospital & Research Center

The next webinar was conducted on topic of **Personality development**. This topic briefed about *Personality development* is an initiative to improve certain traits and qualities which contribute to your overall personality and relatively enduring pattern of the thoughts, feelings, and behaviors that distinguish individuals from each other. **(Total participants-121)**



Sr. No	Date & Time	Topic	Speakers	Monitor's name	Chair Person Name
8	30.09.2020 4 to 5 pm	The Joy of Trekking	Dr. Amar Adke President, MaitreyPratishthan, Kolhapur	Mr. R. S. Pawar NSS Coordinator & Sports director	Dr. V. V. Bhosale Registrar, D.Y. Patil Education Society, Kolhapur

15) The Joy of Trekking

The webinar was conducted on topic of **The Joy of Trekking**. This topic briefed about the major benefits of trekking, it improves your physical health immensely. Spending multiple hours on the trail, climbing around boulders, rock hopping and ascending hills gives your whole body a workout, improving your **strength, agility** and cardio fitness. **(Total participants-104)**

17) On 31st October 2020, D.Y. Patil Medical & Nursing College staff and **120-volunteers** took an **Integrity & Rastriya Ekta Divas Pledge**



18) National Unity Day

On this occasion, invited guest Ex-Army Officer Mr. Namdeo Jagtap delivered a Motivational Speech on National Unity Day (100 Participant students)



19) Integrity Pledge for citizens

Integrity Pledge broacher was distributed in 5 Schools, and College teaching and non-teaching staff & our D.Y. Patil Hospital Campus Beneficiary were around 100 people.





21) International Women’s Day Celebration

Theme - "Balance Life Between Job work and Home responsibilities" on 8th March 2021

International Women’s day was celebrated by arranging a guest lecture of Miss. Rima Karajgar (Architect) on the topic "Balance Life Between Job work and Home responsibilities".The programmewas started by Laxmi Pujan and welcome speech by Mr. Rudheer Bardeskar.Total 20 girls from first and second year along with two lady sweepers, participated.



23) Nursing college NSS Volunteers helping for COVID vaccination at Dr.D. Y. Patil Hospital, Kolhapur.



CHAPTER 9



RESEARCH

Extramural Funded Projects

Sr. No.	Nature of the Project	Title of the Project	Name of Principal Investigator	Name of the funding Agency	Total grant sanctioned (Rs. in Lakh)
1	Technology Transfer (Government)	Asymmetric Solid State Supercapacitor for Energy Storage	Prof. C. D. Lokhande	SERB-TETRA	30.1
2	Research (NGO)	Solid State Supercapacitors Based On Manganese Dioxide Thin Film	Prof. C. D. Lokhande	C. D. Lokhande ENDOWMENT CHARITABLE TRUST, Pune	0.25
3	Industry	Quantum dot for cancer detection.	Dr. Arpita Pandey Tiwari	Mylab Discovery Solutions Pvt.Ltd.	2.0

Intramural Funded Projects

Sr. No.	Name of the project and duration	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Year of receiving the seed money
1	Study to Evaluate the Efficacy of Human Epidermal Growth Factor in Regeneration of Tympanic Membrane Perforations.	3 Years	Dr. Mrs. Anjana Mohite	1.84	2021
2	Transition metal oxide based electrodes for ultrahigh energy (60 Whkg-1) targeted asymmetric supercapacitor.	3 Years	Prof. C. D. Lokhande	1.5	2021
3	Synthesis of nickel-cobalt phosphate thin films as an electrocatalyst for non-enzymatic glucose sensing.	3 Years	Dr. Umakant Patil	1.5	2021
4	Enabling library of layered double hydroxide $[M_{2+1-x}M_{3+x}(OH)_2]_x + [An-x/n]_x \cdot mH_2O$ (M_{2+} : Ni, Ca, Mg, Zn, M_{3+} : Cr/Fe) based hybrids for supercapacitor and Bio-Medical Applications.	3 Years	Dr. Jayavant Gunjekar	1.7	2021
5	Appraisal of characteristics of Lanthanum Oxides for Applications in bio-sensing capabilities.	3 Years	Dr. Mrs. Padmaja Pawaskar	3.0	2021
6	Generation of Tissue Engineered functional Kidney.	3 Years	Dr. Meghnad Joshi	0.9	2021
7	Identification of molecular targets of bioactive molecules in Candida albicans to inhibit Biofilm formation.	3 Years	Dr. Ashwini Jadhav	2.6	2021
8	Binge watching behaviour a in undergraduate students: A pilot study.	4 Months	Dr. Devavrat Harshe	0.2706	2021

Sr. No.	Name of the project and duration	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Year of receiving the seed money
9	Glucosinolates as Antifungals: An Exploratory study on Candida albicans.	3 Years	Prof. Dr. S. Mohan Karuppaiyil	1.2435	2021
10	Targeted Destruction of Cancer Stem Cells by Surface (CD271+) Functionalized Iron Oxide Nanoparticles.	2 Years	Dr. Arpita Pandey Tiwari	1.84	2021
11	Development of Biocompatible Zn _x Fe _{3-x} O ₄ (x=0 to 1) Magnetic Nanocrystals as an Efficient Heating Mediator in Magnetic Hyperthermia.	3 Years	Dr. Vishwajeet Khot	1.3	2021
12	Identification of HPV DNA Strains in Patients of Cervical Lesions. (Preinvasive and Invasive Carcinoma).	3 Years	Dr. Sangeeta Desai	0.5	2021
13	To Study the Audiological and Radiological Evaluation of Hearing Impaired Children.	3 Years	Dr. Vasundhara Varute	4.45	2021
14	Preparation and characterization of herbal based scaffolds for full thickness wound healing	3 Years	Dr. Shivaji B. Kashte	2.00	2021
15	Fabrication of DNA based prototype paper device for Tuberculosis (TB) detection	2 Years	Dr. Deepak V. Sawant	0	2021
16	Effectiveness of learning package on knowledge and coping strategies regarding peri-menopausal symptoms among school teachers.	3 Years	Prof. Manisha Ajay Bijapurkar	0	2021
17	Role of estrogen receptor, progesterone receptor, and human epidermal growth factor receptor type 2/neu, Ki67 in surface epithelial ovarian tumors and its histopathological correlation.	2 Years	Dr Sapna Deshpande	0	2021

Patents/ Copyrights published/awarded/technology-transfer

Sr. No.	Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/published
1	Prof. C. D. Lokhande, Mr. S. B. Ubale, Dr. V. V. Bhosale, and Mr. V. C. Lokhande	201921042840	Chemically coated ytterbium phosphate film on solid surface and energy storage application thereof.	31/07/2020
2	Prof. C. D. Lokhande, Ms. T. T. Ghogare, Ms. P. P. Bagwade, Mr. V. J. Mane and Dr. V. V. Bhosale,	201921046414	A method for synthesis of dysprosium sulfide (Dy ₂ S ₃) thin film and supercapacitive application thereof.	31/07/2020

Sr. No.	Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/publish ed
3	Prof. C. D. Lokhande, Mr. D. B. Malavekar, Dr. V. V. Bhosale, and Mr. V. C. Lokhande	201921046649	Method of synthesizing reduced grapheme oxide-Copper selenide films for energy storage application.	25/09/2020
4	Prof. C. D. Lokhande, Ms. P. P. Bagwade, Ms. T. T. Ghogare, and Dr. V. V. Bhosale	202021000458	Asymmetric solid state supercapacitor.	31/07/2020
5	Dr. J. L. Gunjekar, Mr. N. S. Padalkar, Mr. S. V. Sadavar, Miss. R. B. Shinde, Prof. C. D. Lokhande, Dr. V. V. Bhosale	202021001507	A method of preparation of an electrode based on nickel-chromium-layered double hydroxide intercalated with polyoxovanadate for supercapacitor application.	31/07/2020
6	Prof. C. D. Lokhande, Mr. D. B. Malavekar, Dr. V. V. Bhosale, and Mr. V. C. Lokhande, Mr. V. J. Mane	202021002802	A method for coating of cerium sulfide-carbon based composite.	21/08/2020
7	Dr. J. L. Gunjekar, Mr. N. S. Padalkar, Mr. S. V. Sadavar, Miss. R. B. Shinde, Dr. R. N. Bulakhe, Prof. C. D. Lokhande, Dr. V. V. Bhosale	202021005460	A method of preparation of an supercapacitor electrode based on cobalt-chromium-layered double hydroxide pillared with polyoxovanadate.	31/07/2020
8	Prof. C. D. Lokhande, Mr. V. J. Mane, Mr. V. C. Lokhande, Mr. S. B. Ubale, Dr. V. V. Bhosale	202021011232	Asymmetric solid state supercapacitor for energy storage.	2021
9	Dr. J. L. Gunjekar, Miss. R. B. Shinde, Mr. N. S. Padalkar, Mr. S. V. Sadavar, Mr. A. S. Patil, Prof. C. D. Lokhande, Dr. V. V. Bhosale	202021039044	A method of preparation of thin films of zinc chromium layered double hydroxide nanotubes with porous walls.	20/11/2020
10	Dr. Umakant Patil, Mr. Sachin S. Pujari, Prof. C. D. Lokhande, Dr. V. V. Bhosale	202021041651	A morphous nickel phosphate film electrode by chemical method for supercapacitor application.	15/01/2021
11	Dr. P. N. Pawaskar, Ms. Madhuri Anuje, Mr. Ajay Sivan, Mr. Satish Jadhav, Prof. C. D. Lokhande, Dr. V. V. Bhosale	202121017519	Radiosensitizer Based On Iron Oxide Nanoparticles.	2021

Sr. No.	Name of the Patenter/ Copyright awardee	Patent/Copyright Number	Title of the patent/Copyright	Year patent was awarded/publish ed
12	Prof. C. D. Lokhande	Techonlogy Trasfer	Asymmetric Solid State Supercapacitor for Energy Storage.	2021
13	Dr. J. L. Gunjekar, Mr. Akash S Patil , MR. Vikas V Magdum, Mr. Yogesh M Chitare, Ms. Abhaya S Patil	202121000897	Liquid column based optical Infrared filter	12-02-2021
14	Dr Umakant Patil, Mr. Pranav Katkar, Ms. Supriya Maraje, DR. V. V. Bhosale, Prof. C. D. Lokhande	201821018918	A chemical synthesis process of cobalt manganese phosphate thin film on conducting substrate	2021

Research collaborations

Sr. No.	Organisation	Date & MoU signed	Purpose and Activities
1	Adeetechgene Biotech Pvt. Ltd. Pune	2021	Research and training
2	Devchand College Arjunagar, Nipani, Belgaum	2021	Research and training
3	Tararani Vidyapeeth's Kamala College, Kolhapur	2021	Research and training
4	Sanwad speech and hearing clinic, Kolhapur	2021	clinical training, internship, on-the-job training,
5	Johnson & Johnson Private Limited, Mumbai	2021	clinical training, internship, on-the-job training,
6	Center for Innovative and Applied Research, Anekant Education Society's T.C. College, Baramati	2021	Research and training
7	iSERA Biological Pvt.Ltd., Shirala, Kolhapur	2021	Research and training

Revenue generated from Consultancy

Name of the consultancy	Name of advisory / R&D consultancy/clinical trial project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)
Anatomy	Quantino TLF In Rirs Procedure, Genius Vocan and Genius Rotacan	Biorad Medisys Pvt Ltd, Mumbai	2020	0.5
CIR	Sharing of Research facilities	D. Y. Patil College of Eng. & Tech. , Kolhapur	2021	0.64
CIR	Sharing of Research facilities	Sanjay Ghodawat University	2021	
CIR	Sharing of Research facilities	Jaysingpur College, Jaysingpur	2021	
CIR	Sharing of Research facilities	Yashvantrao Chavan Institute of Science, Satara	2021	
CIR	Sharing of Research facilities	Shivaji University, Kolhapur	2021	

CIR	Sharing of Research facilities	Smt. KRP Kanya Mahavidhyalaya, Isalmpur	2021	
CIR	Sharing of Research facilities	Dr. Panangrao Kadam Mahavidhyalaya, Sangli	2021	
CIR	Sharing of Research facilities	Devchand College, Arjunnagar	2021	
CIR	Sharing of Research facilities	Balasaheb Desai College, Patan	2021	
CIR	Sharing of Research facilities	SGM College, Karad	2021	
Dr. D. Y. Patil Hospital and Research Institute	Covid screening and awareness	Pernod Recard MoU	2020	3.29
Dr. D. Y. Patil Hospital and Research Institute	Health checkup	GST MoU	2020	0.96
Dr. D. Y. Patil Hospital and Research Institute	Covid screening and awareness	CROM clinical research and medical tourism Pvt ltd	2020	6.4
Mid level health care provider	Training program	NHM	2020	0.95

International Journal List

Sr. No	Publication Title	Author-name	Journal-name	Year
1	Pleurotus sajor-caju- mediated synthesis of silver and gold nanoparticles active against colon cancer cell lines: A new era of herbonanoceutics	V. K. Chaturvedi, N. Yadav, N. K. Raj, R. A. Bohara, I. F. Rehan, N. Marraiki, Gaber El-Saber Batiha, Hehel F. Hetta, M. P. Singh,	Molecules	July 2020;25(13): 1-20
2	Pharmacokinetic and Pharmacodynamic Evaluation of Resveratrol Loaded Cationic Liposomes for Targeting Hepatocellular Carcinoma	S. Jagwani, S. Jalalpure, D. Dhamecha, K. Jadhav, R. A. Bohara	ACS Biomaterials Science and Engineering	July 2020;6:4969-4984
3	Nanoparticles impact in biomedical waste management	P. M. Patil, R. A. Bohara	Waste Management and Research	July 2020;38(11): 1-15
4	Phytochemicals as potential inhibitors of lanosterol 14 A-Demethylase (CYP51) enzyme: An in Silico study on sixty molecules	A.K. Jadhav, P. K. Khan, S. M. Karuppayil	International Journal of Applied Pharmaceuticals	July 2020;12(4):1 9-30
5	Treatment of Gingival proccession defect using mesenchymal stem cells cultured PCL based bone regenerating scaffold : A randomized controlled clinical study	S. Kashte, A. Dwivedi, S. Gautam, R. K. Sharma, S. Kadam	International Journal of Applied Pharmaceuticals	July 2020;12(4):3 1-33

Sr. No	Publication Title	Author-name	Journal-name	Year
6	MnCo ₂ S ₄ /CoS ₂ electrode for ultrahigh areal capacitance	R.B. Pujari, C. D. Lokhande, Dong-Weon-Lee	Journal of Sensor Science and Technology	July 2020;29(4):215-219
7	A review on current scenario of oral cancer in India with special emphasis on modern detection systems and biomarkers	J. Kshersagar, P. Bedge, R. Jagdale, Y. Toro, S. Sharma, M. G. Joshi,	International Journal of Applied Pharmaceutics	July 2020;12(4):1-10
8	Tailoring nanoparticles surface for efficient cancer therapeutics delivery	A. Chauhan, R. Ranjan, P. Avti, A. Gulbake	International Journal of Applied Pharmaceutics	July 2020;12(4):11-17
9	Influence of deposition temperature on the structural, morphological, optical and photoelectrochemical properties of CBD deposited Cu ₂ SnS ₃ thin films	H. D. Shelke, A. C. Lokhande, J. H. Kim, C. D. Lokhande	Journal of Alloys and Compounds	August 2020;831:154768
10	Mesenchymal stem cells and exosome therapy for COVID-19: current status and future perspective	A. Gupta, S. Kashte, M. Gupta, H.C. Rodriguez, S. S. Gautam, S. Kadam,	Human Cell	August 2020;33(4):907-918
11	Low density polyethylene films incorporated with Biosynthesised silver nanoparticles using Moringa oleifera plant extract for antimicrobial, food packaging, and photocatalytic degradation applications	S. S. Chougule, S. T. Gurme, J. P. Jadhav, T. D. Dongale, A. Pandey Tiwari,	Journal of Plant Biochemistry and Biotechnology,	Aug-20
12	Pantaloon hernia with two sliding components: The appendix-ascending colon in lateral sac and the urinary bladder in medial sac	A. M. Kadiyal, T. Gowtham, M. N. Ghatage, R. K. Singh, V. Thimmegowda	Formosan Journal of Surgery	August 2020;53(4):148-151
13	Silk fibroin and silk-based biomaterial derivatives for ideal wound dressings	P. P. Patil, M. R. Reagan, R. A. Bohara,	International Journal of Biology Macromolecules	August 2020;
14	Antibiogram of gram-negative bacilli (GNB) isolated from urinary tract infection (UTI)-with a special reference to detection of amp C β-lactamase producing gram-negative bacilli causing UTI	A. S. Jog	International Journal of Current Research and Review	August 2020;12(15):48-54
15	Organic dye-sensitized f-MWCNTs-TiO ₂ composite for optically controlled resistive switching memory applications	S.T. Killedar, N.A. Ahir, P.J. Morankar, A. P. Tiwari, P.B. Patil, T.D. Dongale, D.K. Kim	Optical Materials	August 2020;109:110333
16	Rapid eco-friendly synthesis, characterization, and cytotoxic study of trimetallic stable nanomedicine: A potential material for biomedical applications	V.K. Chaturvedi, S.N. Rai, N. Tabassum, N. Yadav, V. Singh, R. A. Bohara, M.P. Singh	Biochemistry and Biophysics Reports	August 2020;24:100812
17	Bas Taurus urine assisted biosynthesis of CuO nanomaterials: A new paradigm of antimicrobial and antineoplastic therapy	M. N. Padvi, N. G. Hiremath, S. D. Prasad, A. K. Nayak, R. A. Bohara, Y. Attar, A. A. Ramteke, P. Sarvalkar	Macromolecular Symposia	August 2020;392(1):1900172

Sr. No	Publication Title	Author-name	Journal-name	Year
18	Medicinal mushroom bioactives : Potential sources for anti-cancer drug development	K. K. Janardhanan, S. R. Korattuvalapil, S. M. Karuppayil	International Journal of Applied Pharmaceutics	August 2020;12(4):40-45
19	In laboratory generation and maturation of human monocyte-derived dendritic cells for cancer immunotherapy	K. K. Mishra, S. Bharadva, M. G. Joshi, A. Gulbake	International Journal of Applied Pharmaceutics	August 2020;12(4):46-52
20	Antiviral properties of placental growth factors: A novel therapeutic approach for COVID-19 treatment	M. G. Joshi, J. Kshersagar, S. R. Desai, S. Sharma,	Placenta,	September 2020;99:117-130
21	Sex determination from hand dimensions in Kolhapur population	A. S. Karmalkar, V. R. Nikam,	International Journal of Research and Analytical Reviews	September 2020;7(3):454-459
22	Single-pot hydrothermal synthesis of manganese phosphate microrods as a cathode material for highly stable flexible solid-state symmetric supercapacitors	P. K. Katkar, S. J. Marje, S. S. Pujari, S. A. Khalate, P. R. Deshmukh, U. M. Patil,	Synthetic Metals	September 2020;267:116446
23	Leiomyoma of esophagus-A case report	G. Thakur, S. A. Murchite, R. M. Kulkarni, V. V. Gaikwad	International Journal of Surgery Case Reports	September 2020;76:285-287
24	Correlative study of evans score and BIS monitoring to assess the depth of anesthesia during general anesthesia	S. Adda, K. R. Kulkarni	International Journal of Medical Science and Current Research	September-October 2020;3(5):512-519
25	Amorphous cobalt-manganese sulfide electrode for efficient water oxidation: Meeting the fundamental requirements of an electrocatalyst	S. B. Kale, A. Bhardwaj, V. C. Lokhande, Dong-Min-Lee, Soon-Hyung-Kang, Jin-Hyeok-Kim, C. D. Lokhande	Chemical Engineering Journal	September 2020;405:1-12
26	Comparison of ropivacaine-fentanyl with bupivacaine-fentanyl for labour epidural analgesia	K. R. Kulkarni, R. Patil	The Open Anesthesia Journal	October 2020;14:108-114
27	Highly sensitive hydrothermally prepared nickel phosphate electrocatalyst as non-enzymatic glucose sensing electrode	S. S. Pujari, S. A. Kadam., Y-Ron Ma, S. A. Khalate,P. K. Katkar, S. J. Marje, U. M. Patil	Journal of Porous Materials	Oct-20
28	Dosimetric characteristic of VMAT plans with respect to a different increment of gantry angle size for Ca cervix	Munirathinam N., P. N. Pawaskar, A. Chairmadurai	Journal of Radiotherapy in Practice	October 2020;
29	Chemically deposited CuInSe ₂ thin films and their photovoltaic properties: A Review	B. M. Palve C. V. Jagtap, V. S. Kadam,C. D. Lokhande, H. M. Pathan	Engineered Science	October 2020;12:52-78

Sr. No	Publication Title	Author-name	Journal-name	Year
30	To study the clinical outcome in distal humerus fractures with orthogonal plating via the olecranon osteotomy approach	A. Gowaikar, R. Patil, S. Mehta, V. M. Bhosale, A. S. Anchalia, Y. P. Oza	International Journal of Orthopedics Science	October 2020;6(4):85-89
31	Chalcopyrite based carbon composite electrodes for high performance symmetric supercapacitor	A. C. Lokhande, S. Teotia, A. R. Shelke, T. Hussain, I. A. Qattan, V. C. Lokhande, S. Patole, J. H. Kim, C. D. Lokhande	Chemical Engineering Journal	November 2020;399:152711
32	Effect of phosphate (anion) precursor on structural and morphology behavior of nickel phosphate thin films and its supercapacitive performance	S. Marje, P. K. Katkar, S. S. Pujari, S. A. Khalate, P. R. Deshmukh, U. M. Patil	Materials Science & Engineering B,	November 261:114641
33	In silico molecular docking analysis for repurposing therapeutics against multiple proteins from SARS-CoV-2	R. R. Deshpande, A. Pandey Tiwari, N. Nyayanit, M. Modak	European Journal of Pharmacology	November 2020;886:173430
34	Factors influencing consumer decision making in virtual shopping malls	V. Tyagi, R. K. Mudgal, V. Dhingra	PalArch's Journal of Archaeology of Egypt/Egyptology	November 2020;17(6):14059-14075
35	A high performance flexible solid-state asymmetric supercapacitor based on composite of reduced graphene Oxide@ Dysprosium sulfide nanosheets and manganese oxide nanospheres	P. P. Bagwade, D. B. Malavekar, T. T. Ghogare, S. B. Ubale, V. J. Mane, R. N. Bulakhe, I. In, C. D. Lokhande	Journal of Alloys and Compounds	Nov-20
36	Vertically Aligned Nanosheets of an Electrodeposited Lanthanum Oxide Electrode for Non-Enzymatic Glucose Sensing Application	S. B. Jadhav, U. M. Patil, R. N. Bulakhe, I. In, C. D. Lokhande, P. N. Pawaskar	Journal of Electronic Materials	November 2020;
37	Dual identities for various alcohols in two different yeasts	N. M. Chauhan, S. M. Karuppayil	Mycology	December 2020;
38	Potential immune-nanomedicine strategies to fight COVID-19 like pulmonary infections	S. Reddy Bonam, N.G. Kotla, R.A. Bohara, Y. Rochev, T. J. Webster, J. Bayry,	Nano Today	February 2021;36:101051
39	Chemically synthesized Cu ₃ Se ₂ film based flexible solid-state symmetric supercapacitor: Effect of reaction bath temperature	D. B. Malavekar, S. B. Kale, V. C. Lokhande, U. M. Patil, J. H. Kim, C. D. Lokhande,	The Journal of Physical Chemistry C	December 2020;124(52) : 28395-28406
40	The effectiveness of aerobic exercise on obese and overweight children: quasi experimental study	R. R. Jadhav, S. Patil	International Journal of Scientific Research	December 2020;9(12):4-6
41	Quality of life and coping strategies among care takers of mentally challenged children: A descriptive study	A. Pawar, S. Awate,	International Journal of Scientific Research	December 2020;9(12):1-3
42	Nanostructured CdO-ZnO composite thin films for sensing application	A. K. Sharma, S. S. Potdar, K. S. Pakhare, U. M. Patil, V. S. Patil, M. C. Naik	Journal of Materials Science: Materials in Electronics	December 2020;31(5):20932-20944

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43	MnS ₂ /Carbon nanotube electrode for improved supercapacitor performance	R. B. Pujari, A. C. Lokhande, A. R. Shelake, S. B. Kale, Dong-Weon Lee, C. D. Lokhande	Solid State Sciences	January 2021;111:106449
44	Bone regeneration in critical-size calvarial defect using functional biocompatible osteoinductive herbal scaffolds and human umbilical cord Wharton's Jelly-derived mesenchymal stem cells	S. Kashte, R. Dhupal, P. Chaudhary, R. K. Sharma, V. Dighe, S. Kadam	Materials Today Communications	January 2021;26:102049
45	Triorchidism: A rare case report	A. R. Gune, R. P. Gune	African Journal of Urology	January 2021;27:1-3
46	Non-antifungal drugs inhibit growth, morphogenesis and biofilm formation in <i>Candida albicans</i>	G. H. Kathwate, R. B. Shinde, S. M. Karuppaiyl	The Journal of Antibiotics	January 2021;
47	Self-assembly of bovine serum albumin (BSA)-dextran bio-nanoconjugate: structural, antioxidant and in vitro wound healing studies	S. S. Rohiwal, Z. Ellederova, A. P. Tiwari, M. Alqarni, S. H. Pawar, N. D. Thorat	Royal Society of Chemistry	January 2021;11(8):4308-4317
48	Non-antifungal drugs inhibit growth, morphogenesis and biofilm formation in <i>Candida albicans</i>	G. H. Kathwate, R. B. Shinde, S. M. Karuppaiyl	The Journal of Antibiotics	January 2021;74:346-353
49	A cross sectional study on stress among medical students of Kolhapur city of Maharashtra study on stress among medical students	J. U. Yadav, D. J. Yadav	International Journal of Pharmaceutical Research	January-March 2021;13(1):
50	Lipo-PEG nano-ocular formulation successfully encapsulates hydrophilic fuconazole and traverses corneal and non- corneal path to reach posterior eye segment	S. Kakkar, M. Singh, S. M. Karuppaiyl, J. S. Raut, F. Giansanti,	Journal of Drug Targeting	February 2021;29(6):
51	Dual-functional electrodeposited vertically grown Ag-La ₂ O ₃ nanoflakes for non-enzymatic glucose sensing and energy storage application	S. B. Jadhav, D. B. Malavekar, R. N. Bulakhe, U. M. Patil, C. D. Lokhande, P. N. Pawaskar	Surfaces and Interfaces	February 2021;23:101018
52	Synaptic learning functionalities of inverse biomemristive device based on trypsin for artificial intelligence application	T. R. Desai, T. D. Dongale, S. R. Patil, A. P. Tiwari, P. K. Pawar, R. K. Kamat, T. G. Kim	Journal of Materials Research and Technology	February 2021;11:1100-1110
53	Synthesis of layered copper selenide on reduced graphene oxide sheets via SILAR method for flexible asymmetric solid-state supercapacitor	D. B. Malvekar, R. N. Bulakhe, S. B. Kale, U. M. Patil, Insik In, C. D. Lokhande	Journal of Alloys and Compounds	February 2021;869:159198
54	Low-cost Cu-based inorganic hole transporting materials in perovskite solar cells: Recent progress and state-of-art developments	J. S. Shaikh, N. S. Shaikh, Y. K. Mishra, P. Kanjanaboos, P. M. Shewale, S. Sabale, S. Praserthdam, C. D. Lokhande	Materials Today Chemistry	February 2021;20(80)

Sr. No	Publication Title	Author-name	Journal-name	Year
55	COVID-19 vaccines:rapid development,implications, challenges and future prospects	S. Kashte, A. Gulbake, S. F. El-Amin III, A.Gupta,	Human Cell	March 2021;
56	Andrographis paniculata (Burm.F)wall ex nees:Antiviral properties	A. K. Jadhav, S. M. Karuppayil	Phytotherapy Research	March 2021;
57	Topoisomerase II as a target for repurposed antibiotics in Candida albicans:An in silico study	A. K. Jadhav, S. M. Karuppayil	In Silico Pharmacology	March 2021;24
58	Tissue engineered human ear pinna derived from decellularized goat ear cartilage:Clinically useful and biocompatible auricle construct	N. C. Bhamare, K. R. Tardalkar, J. Kshersagar, S. R. Desai, T. B. Marsale, M. S. Nimbalkar, S. Sharma, M.G. Joshi	Cell Tissue Bank	March 2021;
59	Nanomedicine-driven molecular targeting, drug delivery,and theraapeutic approaches to cancer chemoresistance	V. M. Khot, A. B. Salunkhe, S. Pricl, J. Bauer, N. D. Thorat, H. Townley	Drug Discovery Today	March 2021;26(3):724-739
60	Anticancer, antibacterial and hyperthermia studies of a caffeine-based N-Heterocyclic carbene silver complex anchored on magnetic nanoparticles	S. P. Gajare, P. A. B. ansode, P. V. Patil, A. D. Patil, D. M. Pore, K. D. Sonawane, M. J. Dhanavade, V. M. Khot, G. S. Rashinkar	ChemistrySelect	March 2021;6(9):1958-1968
61	A robust electrochemical immunosensor based on core-shell nanostructured silica-coated silver for cancer (carcinoembryonic-antigen-CEA) diagnosis	P. Singh, P. K. Katkar, U. M. Patil, R. A. Bohara,	RSC Advances	March 2021;11(17):10130-10143
62	Lanthanum sulfide-manganese sulfide/graphene oxide (La ₂ S ₃ -MnS/GO) composite thin film as an electrocatalyst for oxygen evolution reactions	V. J. Mane, S. B. Kale, S. B. Ubale, V. C. Lokhande, U. M. Patil, C. D. Lokhande	Journal of Solid State Electrochemistry	April 2021;25:1775-1788
63	Fabrication of a high-performance hybrid supercapacitor based on hydrothermally synthesized highly stable cobalt manganese phosphate thin films	P. K. Katkar, S. J. Marje, V. G. Parale, C. D. Lokhande, J. L. Gunjekar, Hyung-Ho-Park, U. M. Patil	American Chemical Society	April 2021;37(17):5260-5274
64	Reliable glucose sensing properties of electrodeposited vertically aligned manganese oxide thin film electrode	S. B. Jadhav, D. B. Malvekar, S. B. Kale, S. R. Sabal, U. M. Patil, C. D. Lokhande, P. N. Pawaskar	Applied Physics A	April 2021;127:391
65	SILAR synthesized nanostructured ytterbium sulfide thin film electrodes for symmetric supercapacitors	S. B. Ubale, S. B. Kale, V. J. Mane, P. P. Bagwade, D. Lokhnade	Journal of Solid State Electrochemistry	April 2021;25:1753-1764
66	Immunomodulatory extracellular vesicles: an alternative to cell therapy for COVID-19	A. Gupta, S. Kashte, S. Kadam, M. Gupta, H. C. Rodriguez, A.G. Potty, S.F.El-Amin- III, N. Maffulli	Expert Opinion on Biological Therapy	May 2021;
67	Evaluation of microalbuminuria and glycosylated hemoglobin in the assessment of diabetic control in	S. O. Kavthekar, V. T. Mali, S. Verma, A. B. Kurane, N. B.	Journal of Comprehensive Pediatrics	May 2021;12(2):1-4

Sr. No	Publication Title	Author-name	Journal-name	Year
	type 1 diabetes mellitus hospitalized children with diabetic ketoacidosis	Patil, S. Patil		
68	Enhanced specific energy of silver-doped MnO ₂ /Graphene oxide electrodes as facile fabrication symmetric supercapacitor device	V. J. Mane, S. B. Kale, S. B. Ubale, V. C. Lokhande, C. D. Lokhande	Materials Today Chemistry	June 2021;20(4):100473
69	A phosphorus integrated strategy for supercapacitor: 2D black phosphorus-doped and phosphorus-doped materials	J. S. Shaikh, N. S. Shaikh, S. Sabale, N. Parveen, S. P. Patil, Y. K. Mishra, P. Kanjanaboos, S. Praserthdam, C. D. Lokhande	Materials Today Chemistry	June 2021;21:1-21
70	The implementation of graphene-based aerogel in the field of supercapacitor	J. S. Shaikh, N. S. Shaikh, Y. K. Mishra, S. S. Pawar, N. Parveen, P. M. Shewale, S. Sabale, P. Kanjanaboos, S. Praserthdam, C. D. Lokhande,	Nanotechnology	June 2021;32(36):1-4
71	Differences between the lumbar intervertebral disc heights of men and women with low back pain from Western Maharashtra	D. Wagh, V. Nikam,	International Journal of Research and Analytical Reviews	June 2021;8(2):25-31
72	Remarks on "Cross-disciplinary appraisal of knowledge and beliefs regarding the diagnosis of autism spectrum disorders in India: A cross-sectional survey	D. Harshe, B. Tekkalaki, M. C. Bhise, C. Andrade	Indian Journal of Psychological Medicine	July 2020;42(2):404
73	Processes for scientific and ethical approval of research proposals: Better oversight may be necessary	C. Andrade, D. Harshe, M. Bhise,	Indian Journal of Psychological Medicine	July 2020;42(2):403
74	Sperm parameters and modifiable risk factors in infertile males: An interventional study	S. Bhadoria, R. K. Sharma, M. A. Mane, S. Sharma, V. Sawant	Indian Journal of Public Health Research and Development	July 2020;11(7):806-811
75	The effectiveness of early clinical exposure in teaching anatomy :A study among 1st year medical students	A. R. Gune, V. R. Nikam, V. S. Gaikwad, D. T. Wagh	National Journal of Clinical Anatomy	October 2020;9(3):97-100
76	Recurrent, progressive ventricular tachycardia after electroconvulsive therapy	N. Avula, D. Harshe, G. Harshe,	Indian Journal of Psychiatry	October 2020;62(5):596-597
77	A study of platelet indices in patients with metabolic syndrome and type 2 diabetes mellitus	M. A. Mane, E. P. Reddy, T. Mohanalakshmi	Indian Journal of Public Health Research and Development	November 2020;11(11):1-8
78	Comparison of change in central corneal thickness after manual small incision cataract surgery in	S. A. Gowaikar, H. Kalaria	Indian Journal of Applied Physics	February 2021;11(2):23-24

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	diabetic and non-diabetic patient			
79	The prevalence of yoga practice: A survey in the Kolhapur population	S. Sase, A. Gore, Gajwani	Indian Journal of Public Health Research & Development	April- June 2021;12(2):500-504
80	Knowledge regarding risk factors and prevention of Coronary Artery disease (CAD) among bank workers : A preexperimental study	S Rathod, S Redddi	International Journal of Scientific Research	April 2021, 10 (2);39-40
81	evaluation of efectiveness of informational booklet on knowledge regarding peri menopausal syndrome and its management in kolhapur	S Parab, M A Bijapurkar	International Journal of Scientific Research	April 2021, 10(4);70-71
82	Knowledge regarding Alzheimers disease among old age people residing in selected old age home at Kolhapur, with a view to develop information booklet	S K Awate	International Journal of Scientific Research	February 2021, 10(2);59-60
83	Knowledge and attitude of sex education among adolescents	J Shinde, S Alatekar, M Sanade, S Gavandi	Indian Journal of Public health research and development	April-June 201, 12(2);368-372
84	A study to assess the self-esteem and attitude towards nursing profession among final year nursing students studying In D. Y. Patil College Of Nursing, Kolhapur	P L Subravgoudar	IDC International Journal Publication	August 2020, 7(2);12-14
85	Nomophobia : A Review	P L Subravgoudar	International Journal of Nursing Education and Research	January – March 2021, 9(1);115-119
86	A descriptive study to assess the knowledge of women regarding Cervical cancer in selected area of kadamwadi, Kolhapur	A Talsandekar	International Journal of Science and Research (IJSR)	July 2020, 9 (7);721-723
87	Effectiveness of Informational Booklet on Knowledge of Osteoporosis among Working Women of, Kolhapur	N Ranbhise, A Talsandekar	Indian Journal of Public Health Research & Development	August 2020,11(8);78-83
88	KNOWLEDGE AND ATTITUDE REGARDING SPACING METHODS OF CONTRACEPTION AMONG PRIMIPARA MOTHERS OF KOLHAPUR	J D Aurwade, M A Bijapurkar	international journal of scientific research	April 2021, 10(4);70-71
89	A STUDY TO ASSESS THE KNOWLEDGE REGARDING PROBLEM FACED BY ALCOHOL DEPENDENTS AMONG ADOLESCENT AT SELECTED JUNIOURCOLLEGE, KOLHAPUR	S Chopade	International Journal of Scientific Research	February 2021, 10(2);77-79
90	A descriptive study to assess the knowledge regarding household waste management among women	L Lokhande, S M Kamble	International Journal of Scientific	January 2021, 10(9);8-9

Sr. No	Publication Title	Author-name	Journal-name	Year
	residing in Urbam slums, Kolhapur with a view to develop an informational booklet		Research	
91	Role of self instructional module in improvement of knowledge of disaster preparedness	P P Chopade, S Kamble	International Journal of Scientific Research	January 2021, 10(1);10-12
92	Effectiveness of Informational booklet on prevention of common childhood accidents under five children among mothers	A Kamerikar	International Journal of Scientific Research	April 2021, 10(4);47-48
93	Knowledge regarding tuberculosis and home care among adult family members with a view to develop an informational booklet.	S Kale	International Journal of Scientific Research	February 2021, 10(2);77-78
94	Two birds with one stone: oyster mushroom mediated bimetallic Au-Pt nanoparticles for agro-waste management and anticancer activity	Vivek K Chaturvedi1 & Navneet Yadav2 & Neeraj K. Rai3 & Raghvendra A. Bohara4,5 & Sachchida Nand Rai1 & Lotfi Aleya6 & Mohan P. Singh	Environmental Science and Pollution Research (ESPR)	March 2021, 28, 13761-13775

National Journal List

1	Knowledge regarding risk factors and prevention of Coronary Artery disease (CAD) among bank workers : A preexperimental study	S Rathod, S Redddi	International Journal of Scientific Research	April 2021, 10 (2);39-40
2	evaluation of effectiveness of informational booklet on knowledge regarding peri menopausal syndrome and its management in kolhapur	S Parab, M A Bijapurkar	International Journal of Scientific Research	April 2021, 10(4);70-71
3	Knowledge regarding Alzheimers disease among old age people residing in selected old age home at Kolhapur, with a view to develop information booklet	S K Awate	International Journal of Scientific Research	February 2021, 10(2);59-60
4	Knowledge and attitude of sex education among adolescents	J Shinde, S Alatekar, M Sanade, S Gavandi	Indian Journal of Public health research and development	April-June 2021, 12(2);368-372
5	A study to assess the self-esteem and attitude towards nursing profession among final year nursing students studying In D. Y. Patil College Of Nursing, Kolhapur	P L Subravgoudar	IDC International Journal Publication	August 2020, 7(2);12-14
6	Nomophobia : A Review	P L Subravgoudar	International Journal of Nursing Education and Research	January – March 2021, 9(1);115-119
7	A descriptive study to assess the knowledge of women regarding Cervical cancer in selected area of kadamwadi, Kolhapur	A Talsandekar	International Journal of Science and Research (IJSR)	July 2020, 9 (7);721-723
8	Effectiveness of Informational Booklet on Knowledge of Osteoporosis among Working Women of, Kolhapur	N Ranbhise, A Talsandekar	Indian Journal of Public Health Research & Development	August 2020,11(8);78-83

9	Knowledge And Attitude Regarding Spacing Methods Of Contraception Among Primipara Mothers Of Kolhapur	J D Aurwade, M A Bijapurkar	international journal of scientific research	April 2021, 10(4);70-71
10	A Study To Assess The Knowledge Regarding Problem Faced By Alcohol Dependents Among Adolescent At Selected Junieur College, Kolhapur	S Chopade	International Journal of Scientific Research	February 2021, 10(2);77-79
11	A descriptive study to assess the knowledge regarding household waste management among women residing in Urbam slums, Kolhapur with a view to develop an informational booklet	L Lokhande, S M Kamble	International Journal of Scientific Research	January 2021, 10(9);8-9
12	Role of self instructional module in improvement of knowledge of disaster preparedness	P P Chopade, S Kamble	International Journal of Scientific Research	January 2021, 10(1);10-12
13	Effectiveness of Informational booklet on prevention of common childhood accidents under five children among mothers	A Kamerikar	International Journal of Scientific Research	April 2021, 10(4);47-48
14	Knowledge regarding tuberculosis and home care among adult family members with a view to develop an informational booklet.	S Kale	International Journal of Scientific Research	February 2021, 10(2);77-78

Books/Books Chapters

Sr. No.	Publication Title	Author-name	Journal-name	Year
1	Chalcogenides for Photovoltaic Applications	Anuradha Bhalerao Chandrakant Lokhande Bhiwa Wagh	Lambert Academic Publishing	2020
2	Chimically Deposited Nanocrystalline Metal Oxide Thin Films	Fabian I. Ezema, Chandrakant D. Lokhande, Raan Jose	Springer Nature	2021
3	Micro-and Nanotechnologies-Based Product Development	NK Mehra, A Gulbake	CRC Press	2021
4	Chemically Synthesized Cobalt Manganese Phosphate Thin Films	Dr. Pranav K. Katkar Dr. Umakant M. Patil	Scholars Press	2021
5	Farnesol: From Perfumery to quorum sensing	Ashwini K. Jadhav, Sankunny Mohan Karuppayil	Elsevier	2020
6	Nano-pharmacokinetics: industrial transformation future outlook and conclusion	Ashwini B. Salunkhe, Nanasahab D. Thorat, Helen Townley, and Vishwajeet M. Khot	Elsevier	2021
7	Chemical Neurolysis and Radiofrequency Ablation of Lumbar Sympathetic Ganglion in Peripheral Vascular Diseases of the Lower Limbs	Kalpna Kulkarni, Rajendra Kulkarni	e-book anesthesia open access	2020
8	Bipolar resistive switching in biomaterials: case studies of DNA and melanin-based bio-memristive devices	Gayatri M. Morea, Arpita P. Tiwarib, KiranD. Pawara, Tukaram D. Dongalea,c, and Tae Geun Kimc	Elsevier	2021
9	Optically Active Metal Oxides for Photovoltaic Applications	A.C.Lokhande, V. C. Lokhande, D. S. Dhawale, I. A. Qattan, Shashikant Patole, and Chandrakant D. Lokhande	Springer Nature	2021

10	Metal Oxide for Perovskite Solar Cells	V.C.Lokhande, C. H. Kim, A. C. Lokhande, Chandrakant D. Lokhande, and T. Ji	Springer Nature	2021
11	Oxygen-Deficient Iron Oxide Nanostructures for Photocatalytic Activities	Sanjana S. Bhosale and Arpita P.Tiwari	Springer Nature	2021
12	Nanosheet-Derived Porous Materials and Coatings for Energy Storage Applications	Shirin P. Kulkarni, Akash S. Patil, Vinod V. Patil, Umakant M. Patil, and Jayavant L. Gunjekar	Springer Nature	2021
13	Multifunctional Carbon Nanotubes in Drug Delivery	Anamika Sahu Gulbake, Ankit Gaur, Aviral Jain, Satish Shilpi, Neelesh Kumar Mehra, Arvind Gulbake	CRC Press	2021
14	Resealed Erythrocytes	S Shilpi, K Khatri, U Dhakad, NK Mehra, A Gulbake	CRC Press	2021
15	Validation, Scale-Up and Technology	A Gaur, AS Gulbake, NK Mehra, A Gulbake	CRC Press	2021
16	Micro-and Nanotechnology	B Valamla, P Thakor, NK Mehra, A Gulbake, S Shilpi	CRC Press	2021
17	Role of Polymers in Formulation Design and Drug Delivery	S Shilpi, U Dhakad, R Lodhi, S Dixit, K Khatri, NK Mehra, A Gulbakeake	CRC Press	2021
18	Multifunctional Carbon	AS Gulbake, A Gaur, A Jain, S Shilpi, NK Mehra, A Gulbake	CRC Press	2021
19	Micro-and Nanotechnology Approaches: Concepts and Applications	B Valamla, P Thakor, NK Mehra, A Gulbake, S Shilpi	CRC Press	2021
20	Nanoporous Transition Metal Oxide Materials for Supercapacitor Application	U. M. Patil, V. V. Patil, A. S. Patil, S. J. Marje, J. L. Gunjekar, and C. D. Lokhande	Springer Nature	2021
21	Substrate-Assisted Electrosynthesis of Patterned Lamellar Type Indium Selenide (Inse) Layer For Phorovoltaic Application.	B. Bhalerao, S. B. Jambure, R. N. Bulakhe, S. S. Kahandal, S.D.Jagtap, A.G.Banpurkar,A.W.M.H.Ansari, Insik In, And C. D. Lokhande	Springer Proceeding In Energy	2021

Conference Proceeding

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1	Substrate-Assisted Electrosynthesis of Patterned Lamellar Type Indium Selenide (Inse) Layer For Phorovoltaic Application.	B. Bhalerao, S. B. Jambure, R. N. Bulakhe, S. S. Kahandal, S.D.Jagtap, A.G.Banpurkar,A.W.M.H.Ansari, Insik In, And C. D. Lokhande	Springer Proceeding In Energy	2021
2	A Review On Current Scenario of Oral Cancer In India With Special Emphasis OnModern Detection Systems And Biomarkers	Jeevitaa Kshersagar ¹ , Poonam Bedge ¹ , Rakhi Jagdale ² , Yashwant Toro ³ , Shimpa Sharma ⁴ ,Meghnad Joshi ^{1,5*}	International Journal of Applied Pharmaceutics	Nov-20
3	Tailoring The Nanoparticles Surface For Efficient Cancer TherapeuticsDelivery	Arushi Chauhan ¹ , Ravi Ranjan ¹ , Pramod Avti ^{1*} , Arvind Gulbake ^{2#}	International Journal of Applied Pharmaceutics	Nov-20
4	Phytochemicals As Potential Inhibitors of Lanosterol 14 A-Demethylase(Cyp51) Enzyme: An In Silico Study On Sixty Molecules	Ashwini Khanderao Jadhav ¹ , Pathan Kamran Khan ² , Sankunny Mohan Karuppaiyil ^{1*}	International Journal of Applied Pharmaceutics	Nov-20

Sr. No.	Publication Title	Author-name	Journal-name	Year
5	Treatment of Gingival Recession Defect Using Mesenchymal Stem Cells Cultured Pcl Based Bone Regenerating Scaffold: A Randomized Controlled Clinical Study	Shivaji Kashte ¹ , Anshuman Dwivedi ² , Shraddha Gautam ³ , R. K. Sharma ⁴ , Sachin Kadam ^{1,3*}	International Journal of Applied Pharmaceutics	Nov-20
6	Green Synthesis of Magnetic Iron Nanoparticles Using Medicinal Plant Tridax Procumbens Leaf Extracts And Its Application As An Antimicrobial Agent Against E. Coli	Yojana Y. Patil*, Vaishnvi B. Sutar, Arpita P. Tiwari#	International Journal of Applied Pharmaceutics	Nov-20
7	Medicinal Mushroom Bioactives: Potential Sources For Anti-Cancer Drug Development	Kainoor K. Janardhanana, Korattuvalappil S. Ravikumara, S. Mohan Karuppaiyilb	International Journal of Applied Pharmaceutics	Nov-20
8	In Laboratory Generation And Maturation of Human Monocyte-Derived Dendritic Cells For Cancer Immunotherapy	Kanchan K. Mishra ^{1*} , Sumit Bharadva ¹ , Meghnad G. Joshi ² , Arvind Gulbake ²	International Journal of Applied Pharmaceutics	Nov-20
9	Development And Characterization of Doxorubicin And Sirna Encapsulated Chitosan Nanoparticles	Taihaseen Momin ¹ , Arvind Gulbake ^{1*}	International Journal of Applied Pharmaceutics	Nov-20

Start-ups incubated on campus during the year

Name of the start-up	Nature of start-up	Year of commencement	Contact information of the promoters
Nano polymer for the treatment of non-healing and diabetic wounds and tissue engineering application. Stem Plus Biotech Pvt. Ltd. Sangali.	Proto Type	2019	Dr. M. G. Joshi
Asymmetric Solid State Supercapacitor for Energy Storage.	Proto Type	2021	Prof. C. D. Lokhande

Research papers per teacher in the approved list of Journals in Scopus/Web of Science/ PubMed during the academic year

Sr. No	Publication Title	Author-name	Journal-name	Year
1	<i>Pleurotus sajor-caju</i> - mediated synthesis of silver and gold nanoparticles active against colon cancer cell lines: A new era of herbonanoceutics	V. K. Chaturvedi, N. Yadav, N. K. Raj, R. A. Bohara , I. F. Rehan, N. Marraiki, Gaber El- Saber Batiha, Hehel F. Hetta, M. P. Singh,	Molecules	July 2020; 25(13):1-20
2	Pharmacokinetic and Pharmacodynamic Evaluation of Resveratrol Loaded Cationic Liposomes for Targeting Hepatocellular Carcinoma	S. Jagwani, S. Jalalpure, D. Dhamecha, K. Jadhav, R. A. Bohara	ACS Biomaterials Science and Engineering	July 2020; 6:4969-4984

Sr. No	Publication Title	Author-name	Journal-name	Year
3	Nanoparticles impact in biomedical waste management	P. M. Patil, R. A. Bohara	Waste Management and Research	July 2020; 38(11):1-15
4	Phytochemicals as potential inhibitors of lanosterol 14 A-Demethylase (CYP51) enzyme: An <i>in Silico</i> study on sixty molecules	A.K. Jadhav, P. K. Khan, S. M. Karuppayil	International Journal of Applied Pharmaceuticals	July 2020; 12(4):19-30
5	Treatment of Gingival recession defect using mesenchymal stem cells cultured PCL based bone regenerating scaffold : A randomized controlled clinical study	S. Kashte , A. Dwivedi, S. Gautam, R. K. Sharma, S. Kadam	International Journal of Applied Pharmaceuticals	July 2020; 12(4):31-33
6	MnCo ₂ S ₄ /CoS ₂ electrode for ultrahigh areal capacitance	R.B. Pujari, C. D. Lokhande , Dong-Weon-Lee	Journal of Sensor Science and Technology	July 2020; 29(4):215-219
7	A review on current scenario of oral cancer in India with special emphasis on modern detection systems and biomarkers	J. Kshersagar, P. Bedge, R. Jagdale, Y. Toro, S. Sharma, M. G. Joshi ,	International Journal of Applied Pharmaceutics	July 2020; 12(4):1-10
8	Tailoring nanoparticles surface for efficient cancer therapeutics delivery	A. Chauhan, R. Ranjan, P. Avti, A. Gulbake	International Journal of Applied Pharmaceutics	July 2020; 12(4):11-17
9	Influence of deposition temperature on the structural, morphological, optical and photoelectrochemical properties of CBD deposited Cu ₂ SnS ₃ thin films	H. D. Shelke, A. C. Lokhande, J. H. Kim, C. D. Lokhande	Journal of Alloys and Compounds	August 2020; 831:154768
10	Mesenchymal stem cells and exosome therapy for COVID-19: current status and future perspective	A. Gupta, S. Kashte, M. Gupta, H.C. Rodriguez, S. S. Gautam, S. Kadam ,	Human Cell	August 2020; 33(4):907-918
11	Low density polyethylene films incorporated with Biosynthesised silver nanoparticles using Moringa oleifera plant extract for antimicrobial, food packaging, and photocatalytic degradation applications	S. S. Chougule, S. T. Gurme, J. P. Jadhav, T. D. Dongale, A. Pandey Tiwari ,	Journal of Plant Biochemistry and Biotechnology,	August-2020
12	Pantaloon hernia with two sliding components: The appendix-ascending colon in lateral sac and the urinary bladder in medial sac	A. M. Kadiyal, T. Gowtham, M. N. Ghatage , R. K. Singh, V. Thimmegowda	Formosan Journal of Surgery	August 2020; 53(4):148-151
13	Silk fibroin and silk-based biomaterial derivatives for ideal wound dressings	P. P. Patil, M. R. Reagan, R. A. Bohara ,	International Journal of Biology Macromolecules	August 2020;
14	Antibiogram of gram-negative bacilli (GNB) isolated from urinary tract infection (UTI)-with a special reference to detection of amp C β-lactamase producing gram-negative bacilli causing UTI	A. S. Jog	International Journal of Current Research and Review	August 2020; 12(15):48-54

Sr. No	Publication Title	Author-name	Journal-name	Year
15	Organic dye-sensitized f-MWCNTs-TiO ₂ composite for optically controlled resistive switching memory applications	S.T. Killedar, N.A. Ahir, P.J. Morankar, A. P. Tiwari , P.B. Patil, T.D. Dongale, D.K. Kim	Optical Materials	August 2020; 109:110333
16	Rapid eco-friendly synthesis, characterization, and cytotoxic study of trimetallic stable nanomedicine: A potential material for biomedical applications	V.K. Chaturvedi, S.N. Rai, N. Tabassum, N. Yadav, V. Singh, R. A. Bohara , M.P. Singh	Biochemistry and Biophysics Reports	August 2020; 24:100812
17	Organic dye-sensitized f-MWCNTs-TiO ₂ composite for optically controlled resistive switching memory Applications	S. T. Killedar, N. A. Ahir, P. J. Morankar, A. P. Tiwari , P. B. Patil, T. D. Dongale,	Optical Materials	August 2020; 109:110333
18	Bas Taurus urine assisted biosynthesis of CuO nanomaterials: A new paradigm of antimicrobial and antineoplastic therapy	M. N. Padvi, N. G. Hiremath, S. D. Prasad, A. K. Nayak, R. A. Bohara , Y. Attar, A. A. Ramteke, P. Sarvalkar	Macromolecular Symposia	August 2020; 392(1):1900172
19	Medicinal mushroom bioactives : Potential sources for anti-cancer drug development	K. K. Janardhanan, S. R. Korattuvalapil, S. M. Karuppaiyl	International Journal of Applied Pharmaceutics	August 2020; 12 (4):40-45
20	In laboratory generation and maturation of human monocyte-derived dendritic cells for cancer immunotherapy	K. K. Mishra, S. Bharadva, M. G. Joshi, A. Gulbake	International Journal of Applied Pharmaceutics	August 2020; 12 (4):46-52
21	Antiviral properties of placental growth factors: A novel therapeutic approach for COVID-19 treatment	M. G. Joshi , J. Kshersagar, S. R. Desai, S. Sharma,	Placenta,	September 2020; 99:117-130
22	Sex determination from hand dimensions in Kolhapur population	A. S. Karmalkar, V. R. Nikam ,	International Journal of Research and Analytical Reviews	September 2020; 7(3):454-459
23	Single-pot hydrothermal synthesis of manganese phosphate microrods as a cathode material for highly stable flexible solid-state symmetric supercapacitors	P. K. Katkar, S. J. Marje, S. S. Pujari, S. A. Khalate, P. R. Deshmukh, U. M. Patil ,	Synthetic Metals	September 2020; 267:116446
24	Leiomyoma of esophagus-A case report	G. Thakut, S. A. Murchite, R. M. Kulkarni, V. V. Gaikwad	International Journal of Surgery Case Reports	September 2020; 76:285-287
25	Correlative study of evans score and BIS monitoring to assess the depth of anesthesia during general anesthesia	S. Adda, K. R. Kulkarni	International Journal of Medical Science and Current Research	September-October 2020; 3(5):512-519
26	Amorphous cobalt-manganese sulfide electrode for efficient water oxidation: Meeting the fundamental requirements of an electrocatalyst	S. B. Kale , A. Bhardwaj, V. C. Lokhande, Dong-Min-Lee, Soon-Hyung-Kang, Jin-Hyeok-Kim, C. D. Lokhande	Chemical Engineering Journal	September 2020: 405:1-12

Sr. No	Publication Title	Author-name	Journal-name	Year
27	Comparison of ropivacaine-fentanyl with bupivacaine-fentanyl for labour epidural analgesia	K. R. Kulkarni, R. Patil	The Open Anesthesia Journal	October 2020; 14:108-114
28	Highly sensitive hydrothermally prepared nickel phosphate electrocatalyst as non-enzymatic glucose sensing electrode	S. S. Pujari, S. A. Kadam., Y-Ron Ma, S. A. Khalate , P. K. Katkar, S. J. Marje, U. M. Patil	Journal of Porous Materials	October-2020
29	Dosimetric characteristic of VMAT plans with respect to a different increment of gantry angle size for Ca cervix	Munirathinam N., P. N. Pawaskar , A. Chairmadurai	Journal of Radiotherapy in Practice	October 2020;
30	Chemically deposited CuInSe ₂ thin films and their photovoltaic properties: A Review	B. M. Palve, C. V. Jagtap, V. S. Kadam, C. D. Lokhande , H. M. Pathan	Engineered Science	October 2020; 12:52-78
31	To study the clinical outcome in distal humerus fractures with orthogonal plating via the olecranon osteotomy approach	A. Gowaikar , R. Patil, S. Mehta, V. M. Bhosale, A. S. Anchalia, Y. P. Oza	International Journal of Orthopedics Science	October 2020; 6(4):85-89
32	Chalcopyrite based carbon composite electrodes for high performance symmetric supercapacitor	A. C. Lokhande, S. Teotia, A. R. Shelke, T. Hussain, I. A. Qattan, V. C. Lokhande, S. Patole, J. H. Kim, C. D. Lokhande	Chemical Engineering Journal	November 2020; 399:152711
33	Effect of phosphate (anion) precursor on structural and morphology behavior of nickel phosphate thin films and its supercapacitive performance	S. Marje, P. K. Katkar, S. S. Pujari, S. A. Khalate, P. R. Deshmukh, U. M. Patil	Materials Science & Engineering B,	November 2020; 261: 114641
34	In silico molecular docking analysis for repurposing therapeutics against multiple proteins from SARS-CoV-2	R. R. Deshpande, A. Pandey Tiwari , N. Nyayanit, M. Modak	European Journal of Pharmacology	November 2020; 886:173430
35	Factors influencing consumer decision making in virtual shopping malls	V. Tyagi, R. K. Mudgal , V. Dhingra	PalArch's Journal of Archaeology of Egypt/Egyptology	November 2020; 17(6):14059-14075
36	A high performance flexible solid-state asymmetric supercapacitor based on composite of reduced graphene Oxide@ Dysprosium sulfide nanosheets and manganese oxide nanospheres	P. P. Bagwade, D. B. Malavekar , T. T. Ghogare , S. B. Ubale , V. J. Mane, R. N. Bulakhe, I. In, C. D. Lokhande	Journal of Alloys and Compounds	November-2020
37	Vertically Aligned Nanosheets of an Electrodeposited Lanthanum Oxide Electrode for Non-Enzymatic Glucose Sensing Application	S. B. Jadhav, U. M. Patil , R. N. Bulakhe, I. In, C. D. Lokhande , P. N. Pawaskar	Journal of Electronic Materials	November 2020;
38	Dual identities for various alcohols in two different yeasts	N. M. Chauhan, S. M. Karuppayil	Mycology	December 2020;

Sr. No	Publication Title	Author-name	Journal-name	Year
39	Potential immune-nanomedicine strategies to fight COVID-19 like pulmonary infections	S. Reddy Bonam, N.G. Kotla, R.A. Bohara , Y. Rochev, T. J. Webster, J. Bayry,	Nano Today	December 2020; 36:101051
40	Chemically synthesized Cu ₃ Se ₂ film based flexible solid-state symmetric supercapacitor: Effect of reaction bath temperature	D. B. Malavekar , S. B. Kale , V. C. Lokhande, U. M. Patil , J. H. Kim , C. D. Lokhande ,	The Journal of Physical Chemistry C	December 2020;124(52) : 28395-28406
41	The effectiveness of aerobic exercise on obese and overweight children: quasi experimental study	R. R. Jadhav, S. Patil	International Journal of Scientific Research	December 2020; 9(12):4-6
42	Quality of life and coping strategies among care takers of mentally challenged children: A descriptive study	A. Pawar, S. Awate ,	International Journal of Scientific Research	December 2020; 9(12):1-3
43	Nanostructured CdO-ZnO composite thin films for sensing application	A. K. Sharma, S. S. Potdar, K. S. Pakhare, U. M. Patil , V. S. Patil, M. C. Naik	Journal of Materials Science: Materials in Electronics	December 2020; 31(5):20932-20944
44	MnS ₂ /Carbon nanotube electrode for improved supercapacitor performance	R. B. Pujari, A. C. Lokhande, A. R. Shelake, S. B. Kale, Dong-Weon Lee, C. D. Lokhande	Solid State Sciences	January 2021; 111:106449
45	Bone regeneration in critical-size calvarial defect using functional biocompatible osteoinductive herbal scaffolds and human umbilical cord Wharton's Jelly-derived mesenchymal stem cells	S. Kashte , R. Dhumal, P. Chaudhary, R.K Sharma, V. Dighe, S. Kadam	Materials Today Communications	January 2021; 26:102049
46	Triorchidism: A rare case report	A. R. Gune , R. P. Gune	African Journal of Urology	January 2021; 27:1-3
47	Non-antifungal drugs inhibit growth, morphogenesis and biofilm formation in Candida albicans	G. H. Kathwate, R. B. Shinde, S. M. Karuppayil	The Journal of Antibiotics	January 2021;
48	Self-assembly of bovine serum albumin (BSA)-dextran bio-nanoconjugate: structural, antioxidant and in vitro wound healing studies	S. S. Rohiwal, Z. Ellederova, A. P. Tiwari , M. Alqarni, S. T. Elaab, S. H. Pawar , N. D. Thorat	Royal Society of Chemistry	January 2021; 11(8):4308-4317
49	Non-antifungal drugs inhibit growth, morphogenesis and biofilm formation in Candida albicans	G. H. Kathwate, R. B. Shinde, S. M. Karuppayil	The Journal of Antibiotics	January 2021;74: 346–353
50	A cross sectional study on stress among medical students of Kolhapur city of Maharashtra study on stress among medical students	J. U. Yadav , D. J. Yadav	International Journal of Pharmaceutical Research	January-March 2021;13(1):

Sr. No	Publication Title	Author-name	Journal-name	Year
51	Lipo-PEG nano-ocular formulation successfully encapsulates hydrophilic fuconazole and traverses corneal and non- corneal path to reach posterior eye segment	S. Kakkar, M. Singh, S. M. Karuppaiyil , J. S. Raut, F. Giansanti,	Journal of Drug Targeting	February 2021; 29(6):
52	Dual-functional electrodeposited vertically grown Ag-La2O3 nanoflakes for non-enzymatic glucose sensing and energy storage application	S. B. Jadhav, D. B. Malavekar , R. N. Bulakhe , U. M. Patil , C. D. Lokhande , P. N. Pawaskar	Surfaces and Interfaces	February 2021; 23:101018
53	Synaptic learning functionalities of inverse biomemristive device based on trypsin for artificial intelligence application	T. R. Desai, T. D. Dongale, S. R. Patil, A. P. Tiwari , P. K. Pawar, R. K. Kamat, T. G. Kim	Journal of Materials Research and Technology	February 2021; 11:1100-1110
54	Synthesis of layered copper selenide on reduced graphene oxide sheets via SILAR method for flexible asymmetric solid-state supercapacitor	D. B. Malvekar , R. N. Bulakhe, S. B. Kale , U. M. Patil , Insik In, C. D. Lokhande	Journal of Alloys and Compounds	February 2021; 869:159198
55	Low-cost Cu-based inorganic hole transporting materials in perovskite solar cells: Recent progress and state-of-art developments	J. S. Shaikh, N. S. Shaikh, Y. K. Mishra, P. Kanjanaboos, P. M. Shewale, S. Sabale, S. Praserthdam, C. D. Lokhande	Materials Today Chemistry	February 2021; 20(80)
56	COVID-19 vaccines:rapid development,implications, challenges and future prospects	S. Kashte , A. Gulbake , S. F. El-Amin III, A.Gupta,	Human Cell	March 2021;
57	Andrographis paniculata (Burm.F)wall ex nees:Antiviral properties	A. K. Jadhav, S. M. Karuppaiyil	Phytotherapy Research	March 2021;
58	Topoisomerase II as a target for repurposed antibiotics in Candida albicans:An in silico study	A. K. Jadhav, S. M. Karuppaiyil	In Silico Pharmacology	March 2021; 24
59	Tissue engineered human ear pinna derived from decellularized goat ear cartilage:Clinically useful and biocompatible auricle construct	N. C. Bhamare , K. R. Tardalkar , J. kshersagar , S. R. Desai , T. B. Marsale , M. S. Nimbalkar , S. Sharma , M.G. Joshi	Cell Tissue Bank	March 2021;
60	Nanomedicine-driven molecular targeting, drug delivery,and therapeutic approaches to cancer chemoresistance	V. M. Khot , A. B. Salunkhe , S. Pricl, J. Bauer, N. D. Thorat, H Townley	Drug Discovery Today	March 2021; 26(3):724-739
61	Anticancer, antibacterial and hyperthermia studies of a caffeine-based N-Heterocyclic carbene silver complex anchored on magnetic nanoparticles	S. P. Gajare, P. A. Bansode, P. V. Patil, A. D. Patil, D. M. Pore, K. D. Sonawane, M. J. Dhanavade, V. M. Khot , G. S.	ChemistrySelect	March 2021;6(9):1958-1968
62	A robust electrochemical immunosensor based on core-shell nanostructured silica-coated silver for cancer (carcinoembryonic-antigen-CEA) diagnosis	P. Singh, P. K. Katkar, U. M. Patil , R. A. Bohara ,	RSC Advances	March 2021; 11(17):10130-10143

Sr. No	Publication Title	Author-name	Journal-name	Year
63	Lanthanum sulfide-manganese sulfide/graphene oxide (La ₂ S ₃ -MnS/GO) composite thin film as an electrocatalyst for oxygen evolution reactions	V. J. Mane, S. B. Kale, S. B. Ubale, V. C. Lokhande, U. M. Patil, C. D. Lokhande	Journal of Solid State Electrochemistry	April 2021;25:1775-1788
64	Fabrication of a high-performance hybrid supercapacitor based on hydrothermally synthesized highly stable cobalt manganese phosphate thin films	P. K. Katkar, S. J. Marje, V. G. Parale, C. D. Lokhande, J. L. Gunjekar, Hyung-Ho-Park, U. M. Patil	American Chemical Society	April 2021; 37(17):5260-5274
65	Reliable glucose sensing properties of electrodeposited vertically aligned manganese oxide thin film electrode	S. B. Jadhav, D. B. Malvekar, S. B. Kale, S. R. Sabal, U. M. Patil, C. D. Lokhande, P. N. Pawaskar	Applied Physics A	April 2021; 127:391
66	SILAR synthesized nanostructured ytterbium sulfide thin film electrodes for symmetric supercapacitors	S. B. Ubale, S. B. Kale , V. J. Mane, P. P. Bagwade, D. Lokhande	Journal of Solid State Electrochemistry	April 2021; 25:1753-1764
67	Immunomodulatory extracellular vesicles: an alternative to cell therapy for COVID-19	A. Gupta, S. Kashte, S. Kadam , M. Gupta, H. C. Rodriguez, A.G. Potty, S.F.El-Amin- III, N. Maffulli	Expert Opinion on Biological Therapy	May 2021;
68	Evaluation of microalbuminuria and glycosylated hemoglobin in the assessment of diabetic control in type 1 diabetes mellitus hospitalized children with diabetic ketoacidosis	S. O. Kavthekar, V. T. Mali , S. Verma, A. B. Kurane, N. B. Patil, S. Patil	Journal of Comprehensive Pediatrics	May 2021; 12(2): 1-4
69	Enhanced specific energy of silver-doped MnO ₂ /Graphene oxide electrodes as facile fabrication symmetric supercapacitor device	V. J. Mane, S. B. Kale, S. B. Ubale, V. C. Lokhande, C. D. Lokhande	Materials Today Chemistry	June 2021; 20(4):100473
70	A phosphorus integrated strategy for supercapacitor: 2D black phosphorus-doped and phosphorus-doped materials	J. S. Shaikh, N. S. Shaikh, S. Sabale, N. Parveen, S. P. Patil, Y. K. Mishra, P. Kanjanaboos, S. Praserthdam, C. D. Lokhande	Materials Today Chemistry	June 2021;21:1-21
71	The implementation of graphene-based aerogel in the field of supercapacitor	J. S. Shaikh, N. S. Shaikh, Y. K. Mishra, S. S. Pawar, N. Parveen, P. M. Shewale, S. Sabale, P. Kanjanaboos, S. Praserthdam, C. D. Lokhande ,	Nanotechnology	June 2021; 32(36):1-4
72	Differences between the lumbar intervertebral disc heights of men and women with low back pain from Western Maharashtra	D. Wagh, V. Nikam ,	International Journal of Research and Analytical Reviews	June 2021; 8(2):25-31

Sr. No	Publication Title	Author-name	Journal-name	Year
73	Remarks on "Cross-disciplinary appraisal of knowledge and beliefs regarding the diagnosis of autism spectrum disorders in India: A cross-sectional survey	D. Harshe , B. Tekkalaki, M. C. Bhise, C. Andrade	Indian Journal of Psychological Medicine	July 2020: 42(2):404
74	Processes for scientific and ethical approval of research proposals: Better oversight may be necessary	C. Andrade, D. Harshe , M. Bhise,	Indian Journal of Psychological Medicine	July 2020; 42(2):403
75	Sperm parameters and modifiable risk factors in infertile males: An interventional study	S. Bhadoria, R. K. Sharma, M. A. Mane, S. Sharma, V. Sawant	Indian Journal of Public Health Research and Development	July 2020; 11(7):806-811
76	The effectiveness of early clinical exposure in teaching anatomy :A study among 1 st year medical students	A. R. Gune, V. R. Nikam, V. S. Gaikwad, D. T. Wagh	National Journal of Clinical Anatomy	October 2020; 9(3):97-100
77	Recurrent, progressive ventricular tachycardia after electroconvulsive therapy	N. Avula, D. Harshe, G. Harshe,	Indian Journal of Psychiatry	October 2020; 62(5):596-597
78	A study of platelet indices in patients with metabolic syndrome and type 2 diabetes mellitus	M. A. Mane , E. P. Reddy, T. Mohanalakshmi	Indian Journal of Public Health Research and Development	November 2020;11(11):1-8
79	Comparison of change in central corneal thickness after manual small incision cataract surgery in diabetic and non-diabetic patient	S. A. Gowaikar, H .Kalaria	Indian Journal of Applied Physics	February 2021;11(2):23-24
80	The prevalence of yoga practice: A survey in the Kolhapur population	S. Sase , A. Gore, D. Gajwani	Indian Journal of Public Health Research & Development	April- June 2021;12(2):500-504
81	Knowledge regarding risk factors and prevention of Coronary Artery disease (CAD) among bank workers : A preexperimental study	S Rathod , S Reddi	International Journal of Scientific Research	April 2021, 10 (2);39-40
82	evaluation of effectiveness of informational booklet on knowledge regarding peri menopausal syndrome and its management in kolhapur	S Parab, M. A. Bijapurkar	International Journal of Scientific Research	April 2021, 10(4);70-71
83	Knowledge regarding Alzheimers disease among old age people residing in selected old age home at Kolhapur, with a view to develop information booklet	S K Awate	International Journal of Scientific Research	February 2021, 10(2);59-60
84	Knowledge and attitude of sex education among adolescents	J Shinde, S Alatekar, M Sanade, S Gavandi	Indian Journal of Public health research and development	April-June 2021, 12(2);368-372

Sr. No	Publication Title	Author-name	Journal-name	Year
85	A study to assess the self-esteem and attitude towards nursing profession among final year nursing students studying In D. Y. Patil College Of Nursing, Kolhapur	P L Subravgoudar	IDC International Journal Publication	August 2020, 7(2);12-14
86	Nomophobia : A Review	P L Subravgoudar	International Journal of Nursing Education and Research	January – March 2021, 9(1);115-119
87	A descriptive study to assess the knowledge of women regarding Cervical cancer in selected area of kadamwadi, Kolhapur	A Talsandekar	International Journal of Science and Research (IJSR)	July 2020, 9 (7);721-723
88	Effectiveness of Informational Booklet on Knowledge of Osteoporosis among Working Women of, Kolhapur	N Ranbhise, A Talsandekar	Indian Journal of Public Health Research & Development	August 2020,11(8);78-83
89	Knowledge And Attitude Regarding Spacing Methods Of Contraception Among Primipara Mothers Of Kolhapur	J D Aurwade, M A Bijapurikar	international journal of scientific research	April 2021, 10(4);70-71
90	A Study To Assess The Knowledge Regarding Problem Faced By Alcohol Dependents Among Adolescent At Selected Juniouir College, Kolhapur	S Chopade	International Journal of Scientific Research	February 2021, 10(2);77-79
91	A descriptive study to assess the knowledge regarding household waste management among women residing in Urbam slums, Kolhapur with a view to develop an informational booklet	L Lokhande, S M Kamble	International Journal of Scientific Research	January 2021, 10(9);8-9
92	Role of self instructional module in improvement of knowledge of disaster prepardness	P P Chopade, S Kamble	International Journal of Scientific Research	January 2021, 10(1);10-12
93	Effectiveness of Informational booklet on prevention of common childhood accidentsi under five children among mothers	A Kamerikar	International Journal of Scientific Research	April 2021, 10(4);47-48
94	Knowledge regarding tuberculosis and home care among adult familymemebers with a view to develop an informational booklet.	S Kale	International Journal of Scientific Research	February 2021, 10(2);77-78

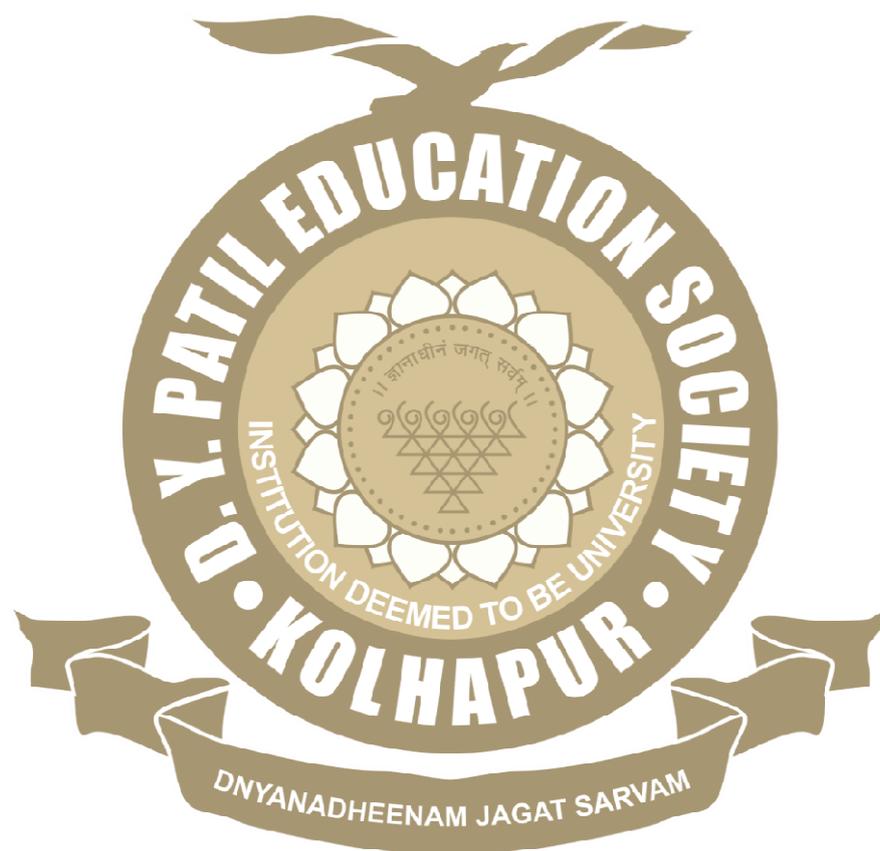
Grants for research projects/clinical trials sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc in the institution during the year (INR in Lakhs)

Name of the Project, Clinical Trial, Endowment, Chairs	Name of the Principal Investigator/Co Investigator	Name of the Funding agency	Type (Government/Non-Government etc)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of the project
Solid State Supercapacitors Based On Manganese Dioxide Thin Film	Prof. C. D. Lokhande & Mr. Vikas Mane	ENDOWMENT CHARITABLE TRUST, Pune	Non-Government	CIR	2021	0.25	1 year

Grants for research projects sponsored by the government funding agencies during the year & for 3.2.3 Ratio of research projects/clinical trials per teacher funded by government / industries and non-government agencies during the year

Sr. No.	Name of the Project	Name of the Principal Investigator/Co Investigator	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of the project	Name of the Funding agency
1	Freestanding 3D porous Graphene Foam (GF) electrodes decorated by Pseudocapacitive Materials (PCMs) for high energy and power density hybrid supercapacitors.	Dr. U. M Patil	CIR	2017	21.60	5 Years	SERB-DST
2	Pillared Nanohybrids Based on 2D Inorganic Nanosheets for Highly Efficient and Stable Solar Assisted H ₂ Production.	Dr. J. L. Gunjekar	CIR	2017	23.3	5 Years	SERB-DST
3	A strategic introduction of reduced Graphene Oxide (Rgo) in Nickel cobalt Phosphate electrodes to enhance the energy density of asymmetric supercapacitor device	Dr. U. M Patil	CIR	2020	0	2 Years	SERB-DST Core Research Grant
4	Polyoxovanadate Intercalated 2D Cobalt-Chromium Layered Double Hydroxide Nanosheets Hybridized with Graphene Oxide as High Energy Density Supercapacitor Electrode"	Dr. J. L. Gunjekar	CIR	2020	0	3 Years	SERB-DST Core Research Grant
5	Asymmetric Solid State Supercapacitor for Energy Storage	Prof. C. D. Lokhande	CIR	2021	15.1	2 Years	SERB-TETRA

CHAPTER 10

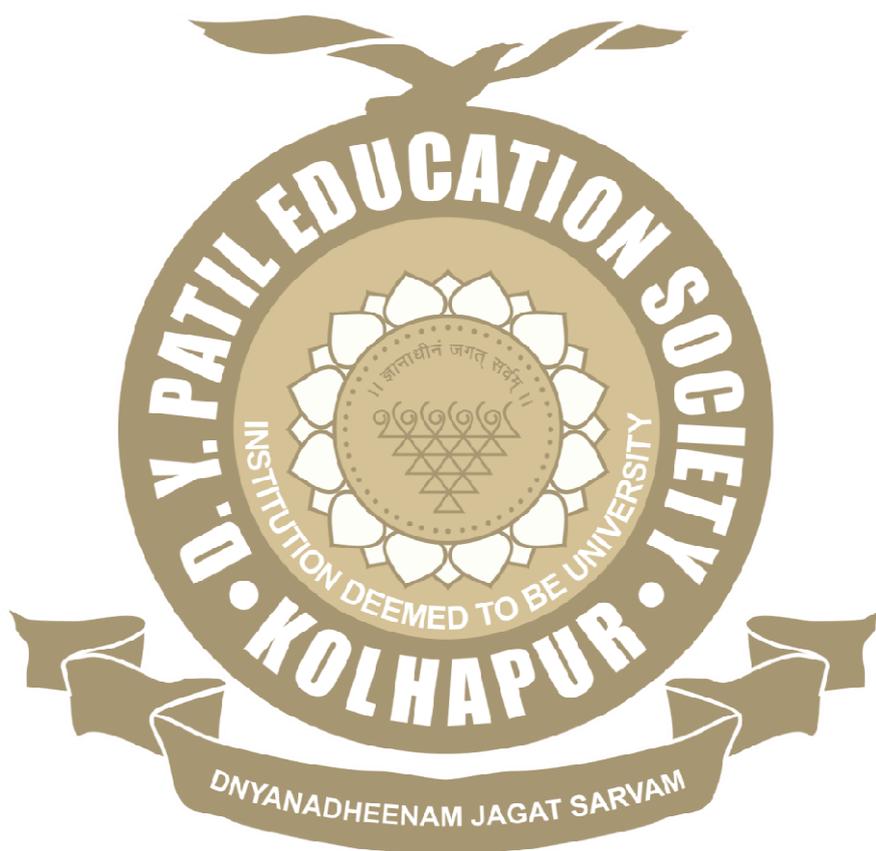


STAFF DEVELOPMENT

Number of Professional Development/Administrative Training Programmes organized by the University for Teaching & Non-Teaching/Technical Staff during the year

Sr.No.	Title of the programme
1	Training Programme on Triaging on 3 rd and 4 th October 2020 for Nursing Staff and Interns
2	Training Programme of Needle stick injury on 4 th and 5 th July 2020 for Staff Nurses and Housekeeping staff
3	Training Programme for scope of services on 16 th October 2020 for Nursing Staff, PRO and Front desk clerical staff
4	Training Programme for Administration and preparation of Chemotherapy drugs on 28 th and 30 th September 2020 for staff Nurses
5	Training Programme for spill management on 26 th and 27 th September 2020 for Staff Nurses, Housekeeping staff and Attendants
6	Training Programme of appropriate pre and post exposure prophylaxis on 29 th September and 1 st October 2020 for staff Nurses and Housekeeping staff
7	Training Programme on barrier nursing on 10 th and 11 th July 2020 for staff nurses
8	Training Programme on Basic life support on 5 th to 9 th October 2020 for staff nurses, sanitization staff, clerical staff, technical staff, PRO, Garden staff, security staff, OT Assistants, Attendants and other non-teaching staff in Skill Lab
9	Training Programme for Code Pink on 12 th October 2020 for Pediatrics Nursing staff, Obgy Nursing Staff, Pediatrics Senior and Junior Residents, all other staff of the Obst & Gyn ward and Pediatrics ward, security staff
10	Training Programme for Code Red on 9 th October 2020 for All Nursing staff, Housekeeping, Maintenance and Security staff
11	NABH Training Report on 21 st and 28 th December 2022 for consultants and senior residents
12	Report of International Seminar on “Nursing Career: An Overseas Perspective-(NCOP)”
13	Administrative Staff Training Programme Series-University Administration on 7 th June 2021
14	Administrative Staff Training Programme Series-Purchase Procedure on 9 th June 2021
15	Administrative Staff Training Programme Series-Hospital Management on 11 th June 2021
16	Administrative Staff Training Programme Series-Personal Accounting on 14 th June 2021
17	Administrative Staff Training Programme Series-How to improve productivity on 18 th June 2021
18	Administrative Staff Training Programme Series-Time Management on 25 th June 2021

CHAPTER 11



SEMINARS/CONFERENCES/GUEST LECTURES

Faculty participation in Seminars/Conferences and Symposia during the year

Sr. No.	Title of EVENT	No. of faculty participation as					Level
		Total	Resource	Delegate	Date	Paper presentation	
1	International Seminar Series on "Nanotechnology for environment and Sustainability" organized by Dept. of Stem cell and Regenerative medicine ,CIR, D.Y Patil educational Society, Kolhapur (Online)	2	--	2	12.01.2021 to 13.01.2021	No	International
2	International Conference on "Stem cells and Regenerative medicine- Academic and Industrial out looks" organized by Dept. of Stem cell and Regenerative medicine ,CIR, D.Y Patil educational Society, Kolhapur (Online)	3	--	3	19.03.2021 to 20 .03.2021	No	International
3	"Covid-19 diseases: Cross disciplinary Perspectives" , Organized by Dept. of Microbiology, KIMS, Karad (Online)	4	--	4	9.10.2020	No	National
4	Anaerobic Forum India 2021 AIIMS: ASM-2021 "Anaerobes: Microbes of the Millennium" organized by AIIMS New Delhi, ASM. (Online)	2	--	2	04.03.2021 to 05.03.2021	No	National
5	Workshop on "Microscopy", Organized by Dept. of Microbiology, D.Y Patil Medical College, Kolhapur.	6	--	6 (Chair person)	08.06.2021	No	National
6	"International Education and Skill Summit" –TIESS Virtual 2021	1	--	1	27.01.2021 to 30.01.2021	No	International
7	"10th Advance Course in Medical Education" (Batch 2020 B) at GMC-KEMH MCI Nodal center, Mumbai	1	--	1	02.11.2020 to 06.11.2020	No	National
8	Online Webinar on "Covid Vaccination"	1	--	1	06.02.2021		National
9	International Virtual conference on Frontiers in Biological Research organized by Dept. of Botany, St. Joseph's College, Tiruchirappalli and The Biomics, Bengaluru (Online)	1	--	1 (Paper Present)	15.02.2021 to 21.02.2021		National
10	1 st International E-Conference on "Microbiology: Covid-19 and Current issues" organized by dept. of Microbiology, Primeasia University (Online)	1	--	1 (E-poster Presenter)	31.01.2021	No	1st International

Sr. No.	Title of EVENT	No. of faculty participation as					Level
		Total	Resource	Delegate	Date	Paper presentation	
11	“Enabling High-Throughput Genomic Surveillance of emerging SARS-CoV-2 strains B.1.1.7 and B.1.351” organized by Qiagen (Online)	1	--	1	09.02.2021	No	National
12	Workshop on “Good Laboratory Practices” organized by Dept. of Stem cell, Regenerative medicine & Dept. of Medical Physics, CIR, D.Y Patil educational Society, Kolhapur (Online)	1	--		06.02.2021	NO	National
14	Online webinar “Dry Swab Method for Covid-19 Testing” online training conducted by CSIR- CCMB, Hyderabad (Online)	1	--	1	18.06.2021	No	National
15	Online webinar on “Emerging Trends and Clinical challenges in cancer treatment” organized by Medical Physics and CIR, D.Y Patil education Society, Kolhapur (Online)	1	--	1	04.02.2021 to 05.02.2021	No	National
16	Webinar on “Monoclonal Antibodies Production” organized by Faculty of allied sciences (Microbiology, Biotechnology), KIMS, Karad (Online)	1	--	1	27.10.2020	No	National
17	Webinar on “ Mission Fit India” organized by Dept. of Physiology and MGM school of Physiotherapy, Navi Mumbai	1	--	1	12.02.2021	No	National
18	Online webinar on “Teaching and Assessment of Microbiology in Milieu of CBME” on Virtual platform. Organized by TN Medical College and Nair Hospital, Mumbai	1	--	1	26.06.2021	No	National

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

Sr. No.	Title of Workshop/Seminar	Name of the Dept.	Date (s)
1	KAPCON 2020	Paediatrics	07.11.2020 & 08.11.2020
2	BLS Training	Paediatrics	11.04.2021
3	Workshop on Paediatric covid for health care Providex	Paediatrics	21.05.2021
4	BLS mars awarenes camp for clam 324 Workers	Paediatrics	Dec-20
5	Pain medicine Management of chronic pain	Anaesthesiology	19.01.2021
6	Anaesthesia for CABG and Valve replacement	Anaesthesiology	22.05.2021
7	Code Blue teaching and demonstration	Hospital and nursing staff	13.10.2020
8	Patient information booklet	Community medicine	16.10.2020
9	NABH Training -BLS Demo	Hospital staff	05.10.2020 to 09.10.2020
10	B LS demonstration	Hospital staff	19.7.2020
11	B LS demonstration on WAD	Community medicine	16.10.2020
12	Mucormycosis early diagnosis and prevention	Hospital staff	06.06.2020
13	B LS demonstration to Asha workers	Hospital staff	21.01.2021
14	Critical airway Management(online)	Anaesthesiology	07.02.2021
15	Workshop on good Laboratory Practices	SCRM & MBT	06.02.2021
16	Two days International on line conference on Stem cells and Regenerative Medicine –Academic and Industrial out looks.	SCRM & MBT	19.03.2021 & 20.03.21
17	An online webinar on “Current Trends in Biological Sciences”	SCRM & MBT	09.11.2020
18	Stem cell and Regenerative medicine Future Prospects.	SCRM & MBT	05.12.2020
19	Webinar on Drug development for neurological disorders	SCRM & MBT	06.06.2021
20	Research methodology workshop	IQAC/RGC	21.06.2021
21	One Day Workshop on Intellectual Property Rights	Medical Physics	22.06.2021
22	One Day Workshop on Research Grant Writing	Medical Physics	14.06.2021
23	Research methodology workshop	Nursing	25.03.2021 to 26.03.2021
24	RT-PCR Training workshop	SCRM & MBT	01.07.2020 to 30.09.2020
25	I-Sera : Industry Academic Interactions workshop	SCRM & MBT	16.04.2021

CHAPTER 12



UNIVERSITY FINANCE

UNIVERSITY FINANCE

The budgetary provisions and the actual receipts and expenditure during the year 2020-2021 were as below:

Budget Estimates for the year 2020-2021		Actual Receipts & Expenditures for the year 2020-2021	
Total Expected Receipts	191,74,00,500	Total Actual Receipts	164,09,56,549
Total Expected Expenditure	199,29,63,500	Total Actual Expenditure	144,80,23,902

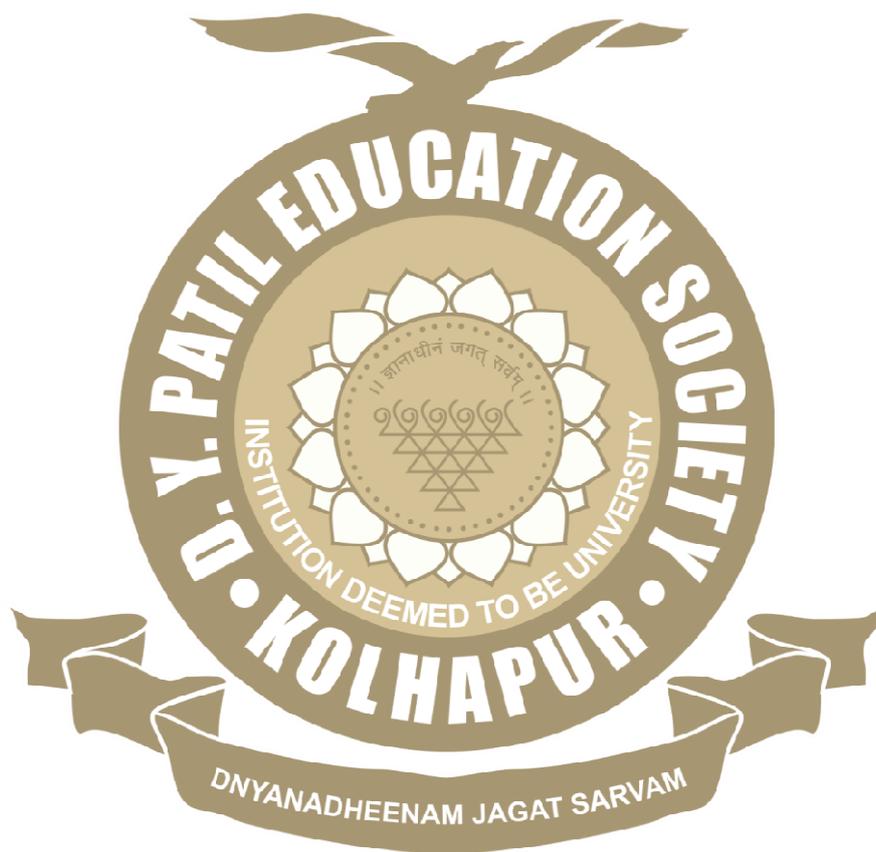
By and large, performance in respect of collection of Tuition Fees, Examination Fees, Hospital Receipts and Capital and Revenue expenditure is as per estimations.

This report of the Fee Structure Committee was submitted to UGC.

Tuition Fees - 2020-2021

Sr. No.	Course Name	Tuition Fee (Merit) in Rs.	Development Fee in Rs.	Registration Fee in Rs.
1	MBBS	18,80,000	1,70,000	10,000
2	B.Sc.(N)	73,000	7,000	1,000
3	B.P.Th.	1,00,000	9,000	1,000
4	B.Sc. HS	64,000	6,000	1,000
5	P.B.B.Sc.(N)	73,000	7,000	1,000
	PG Courses			
6	Pathology	10,00,000	90,000	10,000
7	Radiology	35,75,000	3,50,000	10,000
8	OBG & G	26,75,000	2,60,000	10,000
9	Medicine	26,75,000	2,60,000	10,000
10	Ortho	26,75,000	2,60,000	10,000
11	Dermatology	26,75,000	2,60,000	10,000
12	Surgery	24,75,000	2,40,000	10,000
13	Paediatrics	20,00,000	1,90,000	10,000
14	ENT	18,75,000	1,80,000	10,000
15	Ophthalmology	24,75,000	2,40,000	10,000
16	Anaesthesia	20,00,000	1,90,000	10,000
17	Psychiatry	24,75,000	2,40,000	10,000
18	M.Sc.(N)	82,000	8,000	1,000
19	M.Sc.Medical Physics	1,65,000	15,000	1,000
20	M.Sc. SC & RM	75,000	7,000	1,000
21	M.Sc. Medical Biotechnology	75,000	7,000	1,000
22	M.Sc. Medical Biochemistry	75,000	7,000	1,000
23	M.Sc. Applied Physics	70,000	7,000	1,000
24	M.Sc. Anatomy	75,000	7,000	1,000
25	Ph.D.	50,000	5,000	1,000
26	Addon Courses	9,000	1,000	1,000

CHAPTER 13



Teaching Pedagogy

Pedagogy is used as a term to describe learning theory. However, more often it is used to describe the application or practice of learning theory. It refers to the academic teaching especially of theoretical concepts and principles but can also refer to the study of teaching methods and approaches. Thus, the term has many meanings but a common thread of all its' interpretations is the reference to the field of teaching and education.

Curriculum and syllabi are designed by experts and teachers bear the sole responsibility to deliver the learning in a way that motivates and engages the learner and optimizes learning. Pedagogy plays a significant role in this effort.

Theoretical knowledge about the domains and levels of learning, as depicted by the Bloom's taxonomy, forms the essential background for selection of the teaching pedagogy. The domain of learning determines the teaching methodology as much as the context and status of the learner determines the content of the lesson. The level of learning within a domain determines the approach to be taken, the techniques that can be used as also the assessment methods.

It is essential that teaching faculty are acquainted and trained in different teaching strategies, methods and techniques so as to have an array of options in their teaching armament. At the D Y Patil Education Society Deemed University, information technology and training of the highest standards are available to enable our teachers to be at the forefront of educational technology.

From the smooth and relatively quick adoption of online teaching during the pandemic to the innovative use of technology for both pedagogy and andragogy, the teachers of this University have effortlessly spanned the bridge from traditional chalk-and board teaching and didactic lectures to the world of interactive, competency-based, experiential and simulation-based teaching.

From the outcome-driven, competency-based T-L methods used in the University we present some here:

- A. **Experiential Learning:** Ensuring practice readiness or work readiness is an important factor considered in professional training. Graduates who are already prepared to work independently are both easily placed and do well. They also save their employers the investment in training resources and HR downtime. Exposing undergraduate students to community-based experiences through curricular requirements and outreach activities is an important aspect in the University. The

field surveys conducted by medical and nursing students and the Rural Community Oriented Medical Training have evolved into the volunteer duty for the city administration done by university students during the floods of 2018 and 2020 as well as during the ongoing pandemic of 2020-2021. Outdoor catering work by students of the School of Hospitality provides the trainees a real-life experience of events at a five-star hotel with whom an MOU is active. Medical interns and post graduate students from medical and nursing colleges regularly participate in health camps in the Kolhapur district. The difference in urban and rural health needs, social norms, communication styles and resource challenges are only a few of the learnings this training effectively delivers. It contributes to both professional and personal competencies that will augur well for the future of the learners and the society. Use of Objective Structured Clinical Examination and Objective Structured Practical Examination as formative assessment tools underlines the importance given to experiential learning.

- B. **Simulation-based Learning:** Simulation based learning provides a high standard of uniformity in skill training and assessment, enhances patient safety and facilitates relearning for all learners. The State-of-the-Art Simulation and Skill Centre in the Dr. D. Y. Patil Medical College Hospital and Research Institute, Kadamwadi campus provides a wide range of skill simulators (Blue Phantoms), surgical simulators (Lap VR, Endo VR), ultrasound simulators (ViaMedix) and patient simulators (Apollo, Lucina, Luna) in addition to low-fidelity skill trainers like Endo-trainers, birth models, iv line access models etc. The 3-D Anatomage allows for in-depth, repeated, individualized training in human anatomy with the incorporation of whole body features, gross anatomy, histology and sectional anatomy to name a few features. Learning Space, a software that allows for recording, archiving, retrieval of training sessions, considerably enhances the training possibilities and research potential of the centre.

Training in emergency management, BLS, ACLS, ATLS, other procedural skills are now a routine part of training for interns and postgraduate students. Undergraduate students start their training at the SSC during their Foundation Course itself. This Centre serves medical, nursing and physiotherapy staff and students. Experienced Trainers from Mumbai, Pune keep visiting the Centre to train and facilitate sessions,

creating a core team of trained faculty who could conduct simulation-based teaching in future.

- C. **Peer Learning:** Student led-seminars, group discussions, group seminars, group projects and class interactions all ensure many instances for peer learning to flourish. Student Guardianship Program launched to create a buddy-system also encouraged peer learning. From the first year when groups of students are assigned to one dissection table to the final year of postgraduation when students conduct seminars and journal clubs, the curriculum and co-curricular activities all encourage student co-learning and peer-learning. Skits, role plays, debates, poetry and essay competitions with display of entries are some co-curricular and extra-curricular activities that add to this dimension.

One of the major concerns of the current online teaching has been the drastic reduction in peer learning. The online platforms and social media do create opportunities for learners to gain from each other's experiences and knowledge, but as not all interaction is witnessed, monitored or measurable, the extent and quality of such peer-interactions is uncertain.

- D. **Project-based Learning:** Unique to this university, and perhaps the first university to institute this practice, is the inclusion of research projects for undergraduate medical students since over a decade. Completion of the training in research methodology and submission of the fulfilled project as per protocol, entitle students to the BITMER certification (Basic Introductory Training in Medical Research). This ensures inculcation of research skill, analytical thinking and encourages creativity and innovation amongst students.

Post graduate programs in medicine and nursing have the mandatory research projects as per guidelines of the respective statutory bodies. The university has chosen to include project-work in the curriculum of MSc for Medical Physics as well.

- E. **Online Learning:** The shift of all teaching-learning from traditional to online format was unexpected paradigm shift for teachers and students alike. The willingness, promptness and expertise with which teachers, with limited prior exposure, adopted to online teaching is admirable and impressive. Within a month of lockdown, all classes were moved to online mode. The training, support and facilitation provided by the IT personnel in the university must be gratefully acknowledged. Teachers all

mastered the Zoom platform and the Microsoft Teams platform. Many even learnt the use of online tools like Poll Everywhere and similar apps. Innovative use of chat box, survey links, and learning resources added to the richness of the classes. To an extent, those practical classes that could be transferred to online platform were also suitably modified and held. Use of recorded videos, live dissections, digital spots were some methods commonly used.

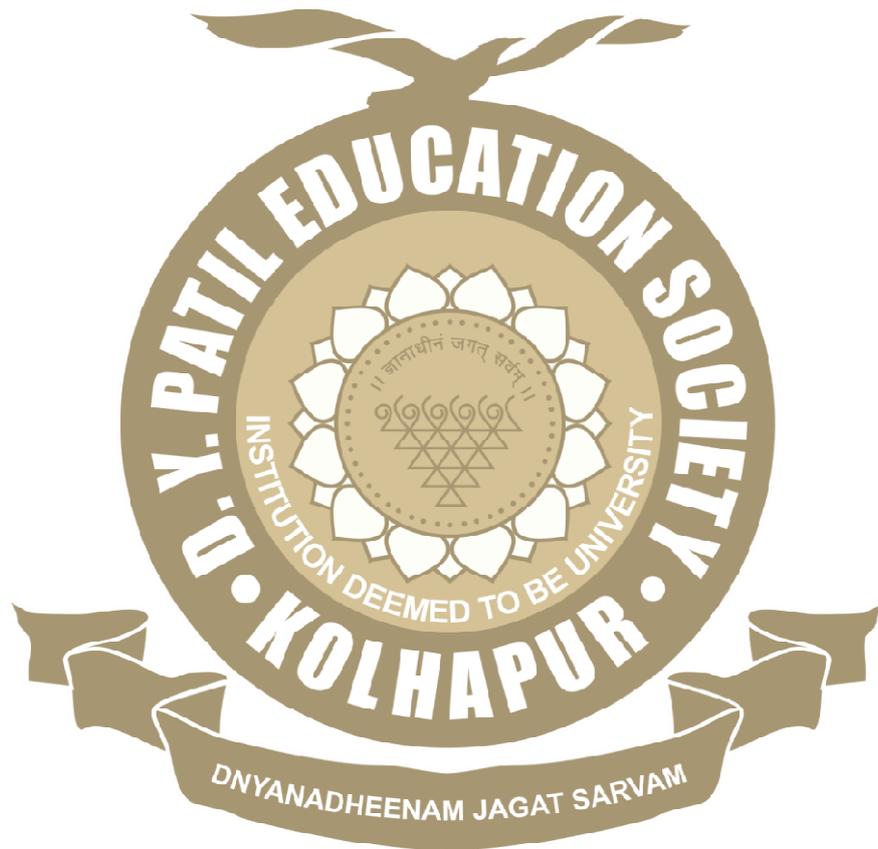
Online assessment was also conducted for formative and semester examinations as well as units. Here, too, the innovative use of technology and existing facilities created the opportunities to assess students in multiple domains and using different assessment tools. Recording of assessments and online proctoring as well as open book examinations were outcomes of this exercise.

- F. **Case-Based Learning (CBL):** This method focuses on the application of knowledge, using real-life cases and presentations to present, explain and/or underline knowledge and practices that student need to know. It provides a platform for imparting training in evidence-based medicine as well as critical thinking and analytical approach to patient care. An example of low-tech learning, and akin to differentiated learning, this method allows options for students on content access. It can be integrated with blended or hybrid learning too. It has potential to alter student seating, to apply think-pair-share and similar methods and encourages interaction amongst students and with the teacher. Clinical departments using cases to illustrate necessary learning is easily understood. At the University, departments teaching pre-clinical and para-clinical subjects too use CBL on a regular basis.
- G. **Role Play** is a technique of teaching-learning where students can experience and traverse realistic situations in a supported environment that facilitates their trying and developing strategies for real-life experiences in future. Role plays and skits are used to demonstrate scenarios that focus on attitude and communication skills. These serve to hone student expression, support talent and transfer essential information and health advice to the community.

Standardized Patients used in the Communication Skill Lab allow for near-real-life encounters.

Skits has also been used during Republic Day, Independence Day and other celebrations, to showcase and underline historical facts and events.

CHAPTER 14



Commitment towards Society

Outreach Programmes

As per structure of MBBS programme, interns undergo compulsory rotatory internship programme at urban and rural health centers. There is a 800 bedded multi-specialty 'Dr. D. Y. Patil Medical College Hospital and Research Centre, Kolhapur' attached to the Medical College. The hospital is accredited by NABH and ISO 9001-2015. The Molecular Biology lab is NABL accredited. This hospital conducts a large number of medical camps for the population of Kolhapur district. This includes free health check-up, free medicines, laboratory investigations and Operations. Hospital is well equipped with surgical laboratories for practical training to the residents. The interns and the post-graduate students under supervision of consultants provide health care facilities to the people in multi-diagnostic health camps arranged throughout the year.

University-neighborhood Network

The University promotes University neighborhood network through the Department of Community Medicine and Dr. D. Y. Patil Medical College Hospital and Research Centre. The Community Medicine Department organizes health checkup camps in rural and urban areas and also carries out various health related surveys. The students participated in health surveys carried by the ZilhaParishad and District Health authorities. The Medical Education Department of the Government organizes skill up-gradation programmes for the general practitioners who are practicing in and around Kolhapur at our hospital. The Hospital also arranges programmes for upgradation of the skills of ASHA workers.

The faculty and the students actively participate in the extension activities organized by the University. The Medical College organizes AIDS awareness campaign and anti-tobacco awareness/street plays. Blood donation camps are also organized by the hospital regularly.

Extension work to ensure Social Justice

The Government of Maharashtra has recognized our Hospital for implementation of its health welfare schemes, such as Mahatma JotibaPhule Jan ArogyaYojana, Pradhan Mantri Jan Arogya Yojana, Rashtriya Bal Suraksha Abhiyan, family welfare scheme, Medical Reimbursement scheme, National Tuberculosis Eradication Program(NTEP) and Integrated Counseling and Testing Centre (ICTC). These schemes are meant for the poor patients and

the people living below the poverty line. In Mahatma Jotiba Phule Jan Arogya Yojana scheme treatment upto Rs. 1.00 Lac is provided to poor patients. The implementation of the various health related welfare schemes of the State has made a positive impact and has also improved health awareness and quality of life.

Medical Examination of schoolchildren and industrial workers on demand are done free. As a charity hospital, the B.P.L. patients are treated free through the Indigenous Patient Fund (IPF). Same service is also provided to Senior Citizens.

The Hospital is equipped with Digital Library with Wi-Fi System, which helps Post Graduate Students in updating their knowledge. The department of Radiology is upgraded with Digital 128 SLICE C.T.-Scan, 3 TESLA M.R.I, Digital X-Ray, Sonography and Mammography. Hospital has in house Blood Bank with Blood Component Separation facility. Department of Orthopedics is equipped with laminar airflow and 'C' Arm facility which is very much useful to perform joint replacement and Spine surgeries. The poor patients who are unable to offer heavy charges for Hip and Knee Joint replacements are taken care with affordable expenditure for their joint illness.

All the 13 Operation Theatres in the hospital are renovated to the World Standards with Laminar Air Flow and Central Air Conditioning System and is equipped with the latest anaesthesia workstations, Cautery Machines, Laproscopes and many such instruments which are critical for Surgeries.

Casualty Department is the round the clock functioning area of the Hospital taking care of all kinds of Emergency Patients entering the Hospital Premises. This department is also upgraded, State-of-Art Casualty Department with Operation Theatre, Labour Room, Plaster Room and Resuscitation Room and X – Ray Facility.

The Obstetrics department is also newly upgraded with the state of the art facilities comprising of a labour room, a labour theatre, A six bedded High Dependency unit, An eclampsia room and a hysteroscopy room for day care procedures.

The Hospital has done commendable work during the COVID 19 Pandemic. Since March 2020 the hospital has taken over the responsibility of supporting the Government in mitigating the pandemic. Right from screening the travelers coming into Kolhapur for symptoms of Covid, Testing with rPCR, quarantining and treating patients in wards and ICU, everything was done under one roof. 170 doctor & 270 nursing and supporting staff were deployed to work day and night for treating the Covid 19 patients.

So far, the hospital has screened 38556 patients admitted and treated 3024 patients of which 1551 were under ICU care. 2819 patients recovered but unfortunately 205 patients could not be saved. Deliveries of 63 covid positive patients were conducted during this period and the neonatal ICU managed 1169 neonates. 75 patients of mucormycosis were also operated by the department of ENT. Till date over 40000 RTPCR tests have been done by the Molecular biology lab.

Taking Cognizance of the work done by the Hospital, Rotary club of Kolhapur Sunrise donated 8 oxygen concentrators and 10 oxygen cylinders to the hospital.

Along with the Spine Foundation Of India, the orthopaedic department has started a unique programme through which the weaker section of the society get quality spine care at Dr D Y Patil Medical College Hospital and Research Institute.

For the convenience of the patients, the hospital started telecommunication support for home quarantined patients & home delivery of covid reports. For making the procedures& treatment quicker and easier the hospital started tele- consultation, which created easy availability of medical services at the times of emergency& non-availability of beds all over the vicinity of the city. Also 150 normal beds& 45 ICU beds were dedicated for the covid patients.

The NABL accredited Molecular Biology lab for testing of COVID samples was set up in record time taking the pressure off the government lab for rPCR testing.

The Department of Anatomy conducts Body Donation Project (Dehadan) and there is tremendous response to this project.

The annual performance of the hospital is presented statistically in the tables appended.

HOSPITAL QUALITY ASSURANCE POLICY STATEMENT

Purpose

To provide comprehensive, affordable, accessible and equitable health care services that maximizes safe, patient-centered and efficient delivery of evidence based medicine that is relevant to the local community.

Scope

This policy applies to all stakeholders in health care delivery at the Dr. D. Y. Patil Hospital and Research Institute.

Cornerstone Principle

The dignity and autonomy of the patient is paramount with special attention to be paid to vulnerable disadvantaged sections of society.

The University has conducted so many programmes for institutional values and social responsibilities. They are as follows-

Extension* and outreach activities* such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, Government and Non- Government Organisations engaging NSS/NCC/Red Cross/YRC, Institutional clubs etc., during the year

Sr. No.	Title of the Activities	Organizing unit/agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
1.	Celebration of National Sports Day	Department of Physiology	5	40
2.	Short video clips of Pranayam for Covid patients at Dr D Y Patil Hospital and Research Institute, Kadamwadi	The Department Of Physiology and Department of Physiotherapy, NSS	20	0
3.	Celebration of International womens Day –IWD Theme: “Choose To Challenge”	Department of Physiology, ICC	8	147
4.	Celebration of World Hearing Day	Dept of Otorhinolaryngology	7	30
5.	Covid 19 awareness Program, D.Y.Patil Hospital & Research, Kolhapur	NSS & SNA unit, D.Y. Patil college of Nursing, Kolhapur	24	130
6.	Face mask distribution, D.Y.Patil Hospital & Research, Kolhapur	NSS & SNA unit, D.Y. Patil college of Nursing, Kolhapur	25	50
7.	Mask and sanitizeer distribution, Shirol & Girgaon	NSS unit, D.Y. Patil college of Nursing, Kolhapur	4	10
8.	Community health & counselling survey at kolhapur city & gandhinagar	Dept of Community Medicine & DYPH	15	25
9.	Vigilance awareness Week - Pledge at UHTC, K'Bawada	Dept of Community Medicine	4	30
10.	Health checkup camp & covid awareness programme at Village Panchagao	Dept of Community Medicine & DYPH	2	8

11.	Health checkup camp & covid awareness programme at Village Hanbarwadi	Dept of Community Medicine & DYPH	2	8
12.	Health checkup camp & covid awareness programme at Village Ujalaiwadi	Dept of Community Medicine & DYPH	2	8
13.	RCH Camp with KMC at Bhagatsing vasahat K'Bawada	Dept of Community Medicine	3	6
14.	Free health checkup camps at 18 places in Kolhapur city	Dept of Community Medicine & DYPH	10	133
15.	Covid 19 awareness programme at Village Panchagaon	Dept of Community Medicine & DYPH	1	8
16.	World Leprosy day skit play by students at UHTC, DYP hospital & health camp places	Dept of Community Medicine & DYPH	2	10
17.	Participation of Interns in Pulse polio Immunization at various places in city	Dept of Community Medicine & DYPH	2	60
18.	Covid 19 awareness programme at Village Daryache Vadgaon	Dept of Community Medicine & DYPH	1	10
19.	Covid 19 awareness programme at Village Nerli	Dept of Community Medicine & DYPH	1	15
20.	International women's day, guest lecture on health problems of adolescent girls & prevention of Covid infection at Kamala College, Kolhapur	Dept of Community Medicine	2	2
21.	Covid 19 awareness programme at Village Sangvade	Dept of Community Medicine & DYPH	1	12
22.	Health check-up camp at Temblaiwadi	Dept of Community Medicine & DYPH	3	7
23.	Health check-up camp at LakshTirty vasahat	Dept of Community Medicine & DYPH	3	8
24.	Health check-up camp at Temblaiwadi	Dept of Community Medicine & DYPH	3	7
25.	Health check-up camp at Balram Colony	Dept of Community Medicine & DYPH	3	8
26.	Health check-up camp at Vikramnagar	Dept of Community Medicine & DYPH	3	8
27.	Health check-up camp at Phulewadi	Dept of Community Medicine & DYPH	3	7
28.	Health check-up camp at Salokhe Nagar	Dept of Community Medicine & DYPH	3	7
29.	Health check-up camp at Rajendra Nagar	Dept of Community Medicine & DYPH	3	8

30.	Health check-up camp at Valmiki Vasahat, Salokhe Nagar	Dept of Community Medicine & DYPH	3	8
31.	Health check-up camp at B.D. Kamgar Vasahat, Saneguraji	Dept of Community Medicine & DYPH	3	7
32.	Health check-up camp at Rajopadhey Nagar, Saneguraji Vasahat	Dept of Community Medicine & DYPH	3	6
33.	Health check-up camp at Virkkya Samaj Mandir Jawahar Nagar	Dept of Community Medicine & DYPH	3	7
34.	Health check-up camp at Subhash Nagar Vidyalay	Dept of Community Medicine & DYPH	3	8
35.	Health check-up camp at Crusher Chowk Mandal, Rankala Talav	Dept of Community Medicine & DYPH	3	7
36.	Health check-up camp at Bapuram Salokhe Hall Bapuram Nagar	Dept of Community Medicine & DYPH	3	8
37.	Health check-up camp at Eki Tarun Mandal Joshi Nagar Tapovan	Dept of Community Medicine & DYPH	3	7
38.	Health check-up camp at Durgamata Mandir, Nirman Chowk, Kalamba	Dept of Community Medicine & DYPH	3	8
39.	Health check-up camp at Rajlaxmi Nagar, Ganesh Mandir	Dept of Community Medicine & DYPH	3	7
40.	Health check-up camp at Gangai Lawn Ring Road	Dept of Community Medicine & DYPH	3	7
41.	Health check-up camp at N T Sarnaik Nagar Hall	Dept of Community Medicine & DYPH	3	8
42.	Health check-up camp at Ganesh Mandir Hall Katyayani Complex	Dept of Community Medicine & DYPH	3	7
43.	Health check-up camp at Ramanand Nagar Talim	Dept of Community Medicine & DYPH	3	8
44.	Health check-up camp at Bhausahab Jagdale Vidyalaya, Daulat Nagar	Dept of Community Medicine & DYPH	3	8
45.	Health check-up camp at Vishvshryya Hall Samrat Nagar	Dept of Community Medicine & DYPH	3	9
46.	Health check-up camp at Laxmibai Jarag Vidyalay, Jarag Nagar	Dept of Community Medicine & DYPH	3	7
47.	Health check-up camp at Kamgar Chal Hall Sambhaji Nagar	Dept of Community Medicine & DYPH	3	8
48.	Health check-up camp at Shri Ram Tarun Mandal Hall, Chile Colony,	Dept of Community Medicine & DYPH	3	9
49.	Health check-up camp at Ganapati Mandir Hall, Krantisinh Nana Patil Nagar	Dept of Community Medicine & DYPH	3	7

50.	Health check-up camp at Budhvihar, Siddharth Nagar	Dept of Community Medicine & DYPH	3	8
51.	Health check-up camp at Lonar Vasahat Vidyalaya	Dept of Community Medicine & DYPH	3	8
52.	Health check-up camp at Shivraje Sports Hall Somraj Complex	Dept of Community Medicine & DYPH	3	7
53.	Health check-up camp at Gorakhnath math mandir, Dadu Chougale Nagar	Dept of Community Medicine & DYPH	3	9
54.	Health check-up camp at Bharat Housing society Rajarampuri 08 lane	Dept of Community Medicine & DYPH	3	8
55.	Health check-up camp at MSEB Samor Jivaba Nana Park	Dept of Community Medicine & DYPH	3	7
56.	Health check-up camp at Tembalai Naka Tarun Mandal	Dept of Community Medicine & DYPH	3	7
57.	Health check-up camp at Gaval Galli Circuit House Back	Dept of Community Medicine & DYPH	3	6
58.	Health check-up camp at Jivba Nana Jadhav Park	Dept of Community Medicine & DYPH	3	7
59.	Health check-up camp at Dudhali Pavilion	Dept of Community Medicine & DYPH	3	7
60.	Health check-up camp at Raman Mala Sanskrutik Hall Raman Mala	Dept of Community Medicine & DYPH	3	8
61.	Health check-up camp at Balbhim mitra mandal hall Rajarampuri Bhajimandai samor	Dept of Community Medicine & DYPH	3	7
62.	Health check-up camp at Sant Rohidas Smarak Subhash Nagar chowk	Dept of Community Medicine & DYPH	3	8
63.	Health check-up camp at Yuraj Teli yanchya ghara samor Krantisin Nana Patil nagar	Dept of Community Medicine & DYPH	3	7
64.	Health check-up camp at Varsha Vishvas Mandal hall Arihant Park Varsha Nagar	Dept of Community Medicine & DYPH	3	8
65.	Health check-up camp at Sarnaik Vasahat Yadav Colony	Dept of Community Medicine & DYPH	3	7
66.	Health check-up camp at Mahada Seva tarun mandal Mahada Colony	Dept of Community Medicine & DYPH	3	8
67.	Health check-up camp at Wadal sports javal hall samarth nagar	Dept of Community Medicine & DYPH	3	7
68.	Health check-up camp at Swami Samarth Mandir Pichhadis Sambhaji Nagar	Dept of Community Medicine & DYPH	3	8

69.	Health check-up camp at Chavan Colony Hall Salokhe Nagar	Dept of Community Medicine & DYPH	3	7
70.	Health check-up camp at Adarsh Vasahat Hall Nirman Chowk Sambhaji Nagar	Dept of Community Medicine & DYPH	3	8
71.	Health check-up camp at Mangeshwar Tarun Mandal Hall Mangeshkar Nagar	Dept of Community Medicine & DYPH	3	7
72.	Health check-up camp at Rajiv Gandhi Balwadi, Rajiv Gandhi Vasahat Market Yard	Dept of Community Medicine & DYPH	3	8
73.	Health check-up camp at Radha Krishna Mandir Hall Padmavati Mandir Shejari	Dept of Community Medicine & DYPH	3	7
74.	Health check-up camp at Tara Oil Mill hall Radhakrishna society, Kolhapur	Dept of Community Medicine & DYPH	3	8
75.	Health check-up camp at Swaraj Tarun Mandal hall Sandip Bakery javal Shahunagar Balaji park	Dept of Community Medicine & DYPH	3	7
76.	Health check-up camp at Narayan sasane hall,sasane nagar	Dept of Community Medicine & DYPH	3	8
77.	Health check-up camp at Chowrdeshwari Devang Koshti Samaj Hall, Mangalwar Peth	Dept of Community Medicine & DYPH	3	8
78.	Health check-up camp at Adarsh Tarun Mandal hall, More-Mane Nagar	Dept of Community Medicine & DYPH	3	7
79.	Health check-up camp at Manorama Nagar,Nikam Park	Dept of Community Medicine & DYPH	3	6
80.	Health check-up camp at Juna budhwar peth talim shejari Dhananjay Powar Residence	Dept of Community Medicine & DYPH	3	7
81.	Health check-up camp at Dr. Babasaheb Ambedkar Samaj Hall, Kasaba Bawada	Dept of Community Medicine & DYPH	3	8
82.	Health check-up camp at Sambhaji Nagar Vidyalay, Om Ganesh Colony	Dept of Community Medicine & DYPH	3	8
83.	Health check-up camp at Datta Talim Mandal Hall, Datta Colony, Neharu Nagar	Dept of Community Medicine & DYPH	3	9
84.	Health check-up camp at Vittal Mandir, Matang Vasahat, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7

85.	Health check-up camp at Chakrvyuh Talim Mandal Sanskruti Hall, Salokhe Park	Dept of Community Medicine & DYPH	3	7
86.	Health check-up camp at Balbhim Vidyalay, Jay Bhavani Galli, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7
87.	Health check-up camp at Shivsmruti Hall, Mandlik Vasahat, Mangalwar Peth	Dept of Community Medicine & DYPH	3	6
88.	Health check-up camp at Mangeshwar Mandir Hall, Dhangar Galli, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7
89.	Health check-up camp at Sandip Surve apartment, Amar Vikas Colony, Jivbanana park	Dept of Community Medicine & DYPH	3	8
90.	Health check-up camp at Vittal Mandir Hall, Kadamwadi	Dept of Community Medicine & DYPH	3	7
91.	Health check-up camp at Hanuman Mandir Chowk, Kasaba Bawada	Dept of Community Medicine & DYPH	3	8
92.	Health check-up camp at Bharat Veer Mitra Mandal Hall, Chougale Galli, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7
93.	Health check-up camp at Padmaraje Marathi School, Shaniwarpeth	Dept of Community Medicine & DYPH	3	9
94.	Health check-up camp at Mhasoba Hall, Narke Colony, Kalamba	Dept of Community Medicine & DYPH	3	7
95.	Health check-up camp at Sankal Nagar, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7
96.	Health check-up camp at Shivaji Peth, Kolhapur	Dept of Community Medicine & DYPH	3	8
97.	Health check-up camp at Kai. Suresh Mitra Mandal chowk, Sankapal Nagar, Kasaba bawada	Dept of Community Medicine & DYPH	3	7
98.	Health check-up camp at Om Tarun Mandal Subhash Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
99.	Health check-up camp at Shiv Parvati Dudh Sanstha, Ulape Mala Purv Baju	Dept of Community Medicine & DYPH	3	7
100.	Health check-up camp at Shala No.11, New Palace, Kolhapur	Dept of Community Medicine & DYPH	3	8
101.	Health check-up camp at Tiranga Chowk, Kapur Vasahat, Kadamwadi	Dept of Community Medicine & DYPH	3	7

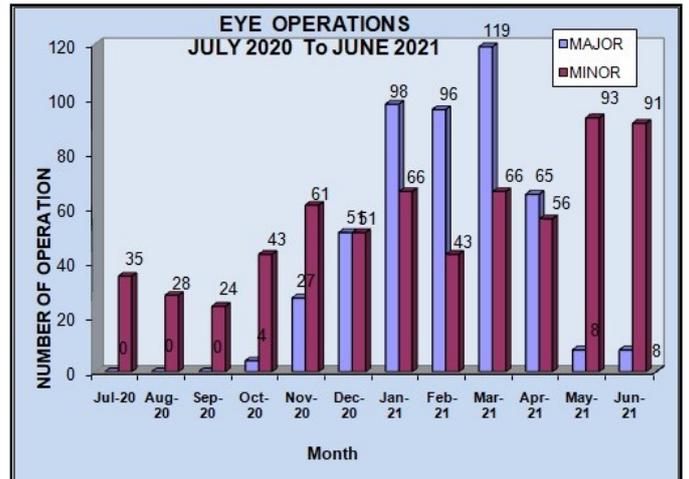
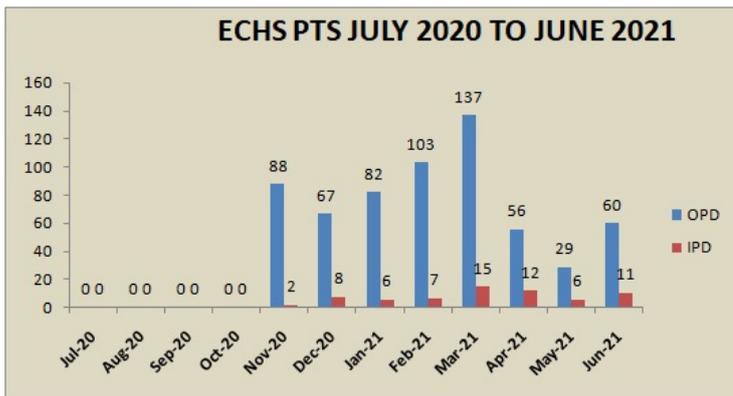
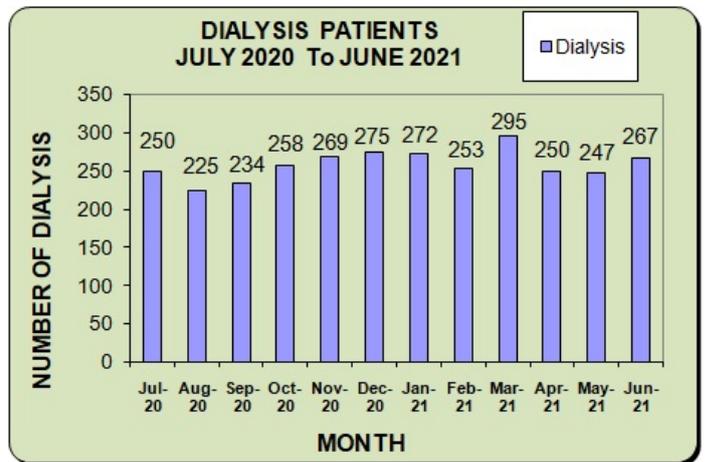
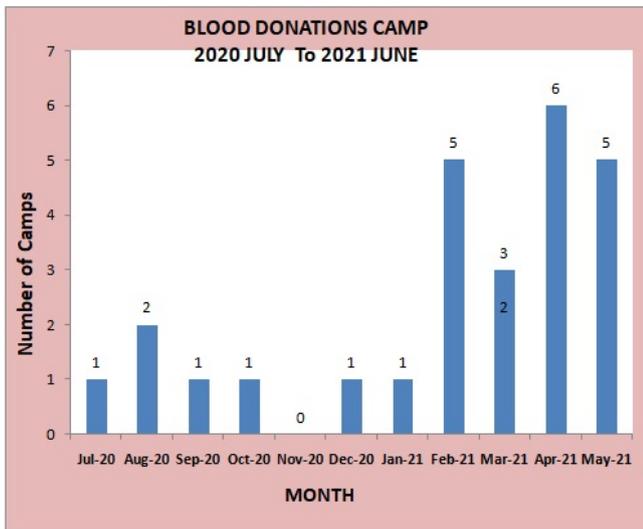
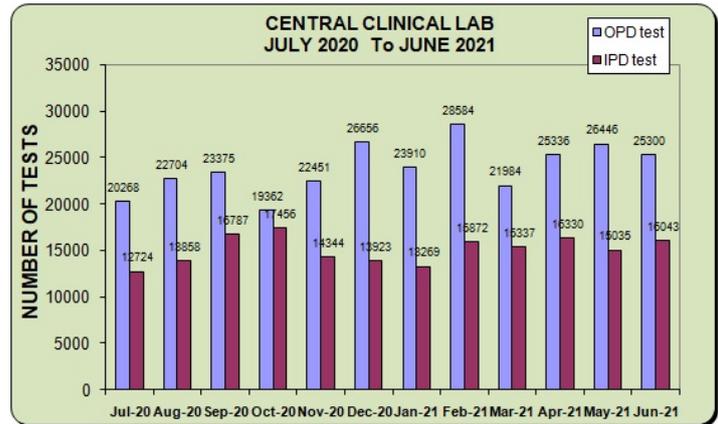
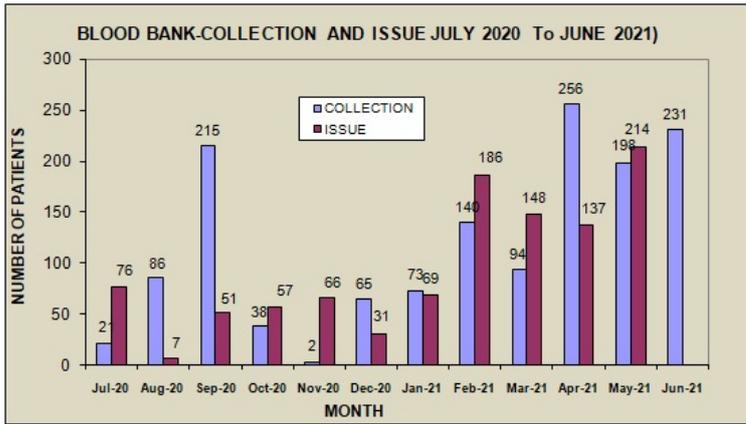
102.	Health check-up camp at Prabhag No. 69, Dr. Sarode Hospital Savali Care Centre, Nale Colony, Kolhapur	Dept of Community Medicine & DYPH	3	8
103.	Health check-up camp at Ramanand Nagar Hall, Ramanand Nagar Kolhapur.	Dept of Community Medicine & DYPH	3	8
104.	Health check-up camp at Prince Shivaji Tarun Mandal, Prince Shivaji Shalemage, Kasaba Bawada	Dept of Community Medicine & DYPH	3	9
105.	Health check-up camp at Pruthvi Ulape Apartment, Ulape Galli, Kasaba Bawada, Kolhapur	Dept of Community Medicine & DYPH	3	7
106.	Health check-up camp at Dindnerli	Dept of Community Medicine & DYPH	3	8
107.	Health check-up camp at Rajendra Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7
108.	Health check-up camp at Vikram Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
109.	Health check-up camp at Siddharth Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
110.	Health check-up camp at Temblaiwadi, Kolhapur	Dept of Community Medicine & DYPH	3	7
111.	Health check-up camp at Dr. Ambedkar Nagar, Kasaba Bawada, Kolhapur	Dept of Community Medicine & DYPH	3	8
112.	Health check-up camp at Urdu Highschool, Sarnaik Vasahat, Kolhapur	Dept of Community Medicine & DYPH	3	8
113.	Health check-up camp at Veer Kakkaya Samaj Hall, Jawahar Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7
114.	Health check-up camp at Vikram Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	6
115.	Health check-up camp at Siddharth Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7
116.	Health check-up camp at Tembalaiwadi, Kolhapur	Dept of Community Medicine & DYPH	3	8
117.	Health check-up camp at Dagdichal, Ulape mala, Kasaba Bawada	Dept of Community Medicine & DYPH	3	7
118.	Health check-up camp at Sadar Bazar, Kolhapur	Dept of Community Medicine & DYPH	3	8
119.	Health check-up camp at Mahalaxmi Mandir, Kalamba, Kolhapur	Dept of Community Medicine & DYPH	3	6
120.	Health check-up camp at Rajendra Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7
121.	Health check-up camp at Vikram Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
122.	Health check-up camp at Siddharth Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7

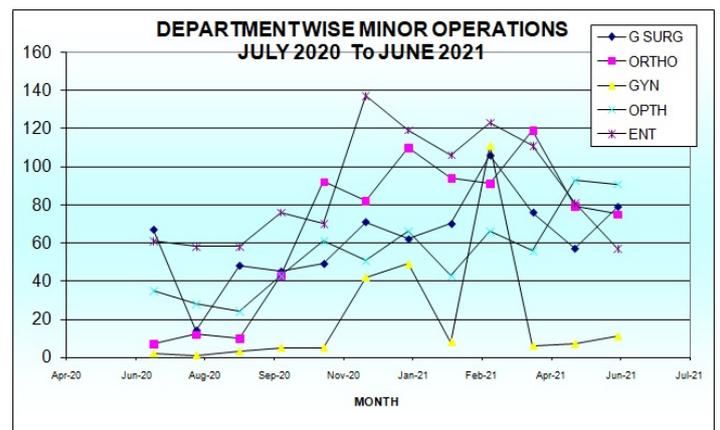
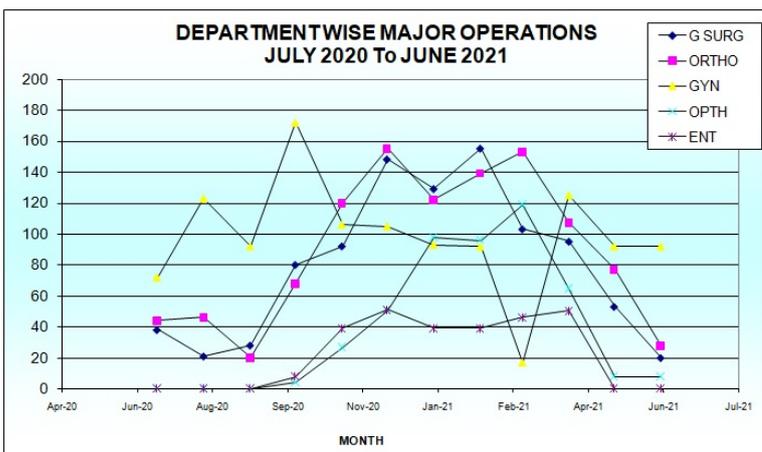
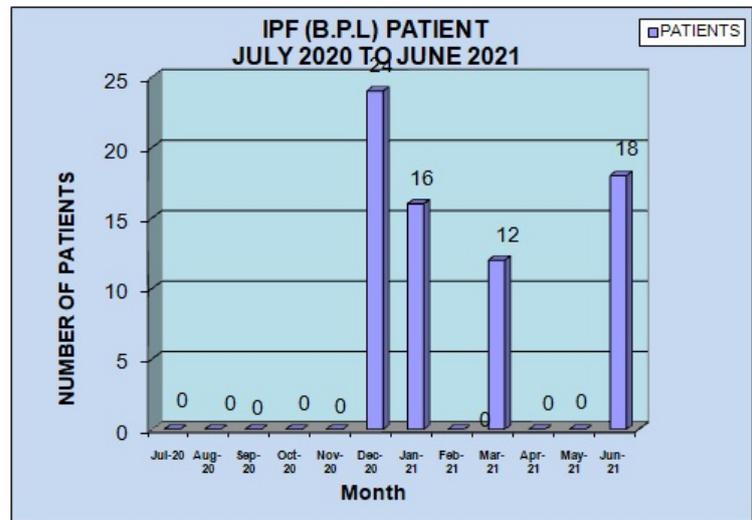
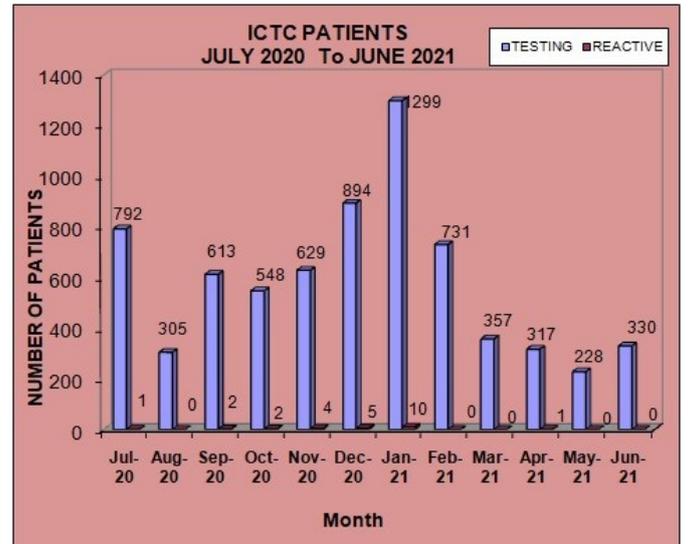
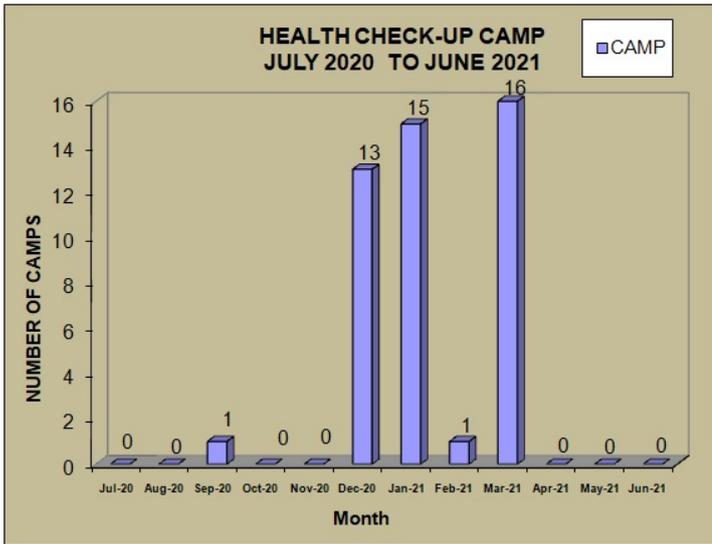
123.	Health check-up camp at Gora Kumbhar vasahat, Market Yard	Dept of Community Medicine & DYPH	3	8
124.	Health check-up camp at Krushnanand Colony Kasaba Bawada	Dept of Community Medicine & DYPH	3	8
125.	Health check-up camp at Mahalaxmi Mandir, Kalamba, Kolhapur	Dept of Community Medicine & DYPH	3	7
126.	Health check-up camp at Siddharth Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
127.	Health check-up camp at Tembalaiwadi Vidya Mandir	Dept of Community Medicine & DYPH	3	7
128.	Health check-up camp at Jarag Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	7
129.	Health check-up camp at Daulat Nagar, Kolhapur	Dept of Community Medicine & DYPH	3	8
130.	Health check-up camp at Girgaon, Kolhapur	Dept of Community Medicine & DYPH	3	7
131.	Health check-up camp at Chichwad, Kolhapur	Dept of Community Medicine & DYPH	3	8
132.	Health check-up camp at Chuye, Kolhapur	Dept of Community Medicine & DYPH	3	7
133.	Covid19 Antigen testing camp	DYPH & Yash Metalics, Shirol, MIDC Kolhapur	1	4
134.	Covid19 Antigen testing camp	DYPH & Yash Metalics, Shirol, MIDC Kolhapur	1	4
135.	Covid19 Antigen testing camp	DYPH & Ridhi Shidhi Engineering, Shirol, MIDC, Kolhapur	1	4
136.	Covid19 Antigen testing camp	DYPH & SMAK, Shirol, MIDC, Kolhapur	1	4
137.	Covid19 Antigen testing camp	DYPH & Priyadharshani Engg, Shirol, MIDC, Kolhapur	1	4
138.	Covid19 Antigen testing camp	DYPH & SMAK, Shirol, MIDC, Kolhapur	1	4
139.	Covid19 Antigen testing camp	DYPH & Mahalaxmi Hospital, Shirol, MIDC, Kolhapur	1	4
140.	Covid19 Antigen testing camp	DYPH & Shrikrushna Engg, Shirol, MIDC, Kolhapur	1	4
141.	Covid19 Antigen testing camp	DYPH & Mahalaxmi FAB, Hatkanangale, Kolhapur	1	4
142.	Covid19 Antigen testing camp	DYPH & Jathar Textiles, Shirol, MIDC, Kolhapur	1	4
143.	Covid19 Antigen testing camp	DYPH & Indrani Technocrafts, Shirol, MIDC, Kolhapur	1	4
144.	Covid19 Antigen testing camp	DYPH & Prabhakar Engg, Shirol, MIDC, Kolhapur	1	4
145.	Covid19 Antigen testing camp	DYPH & P.S. Engg, Shirol, MIDC, Kolhapur	1	4
146.	Covid19 Antigen testing camp	DYPH & Budhale and Sons, Shirol, MIDC, Kolhapur	1	4
147.	Swachh Bharat Initiatives of Gandagi Mukh Bharat Campaign.	NSS	2	30

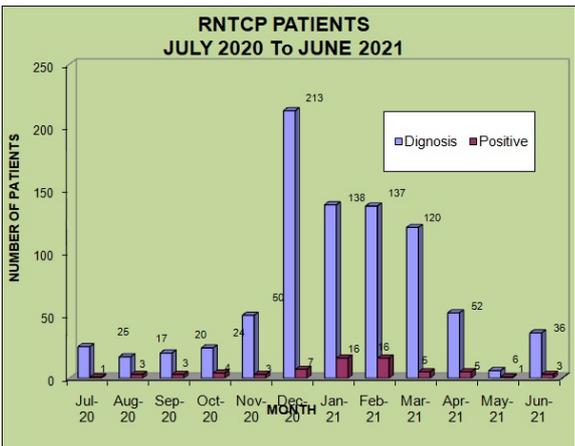
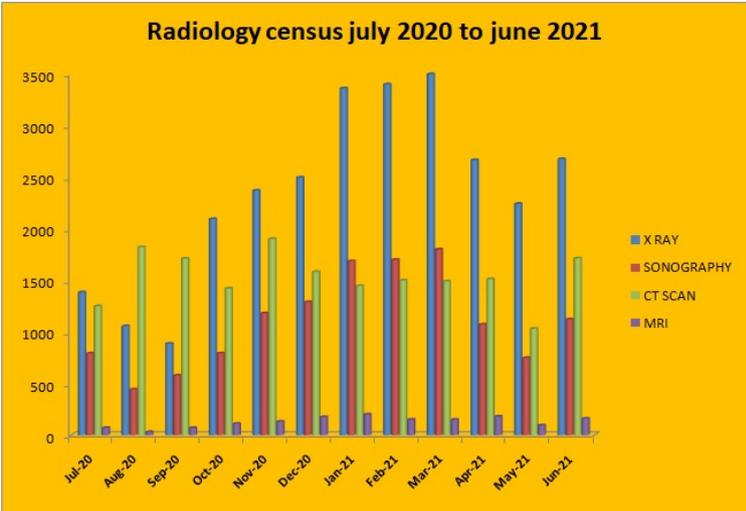
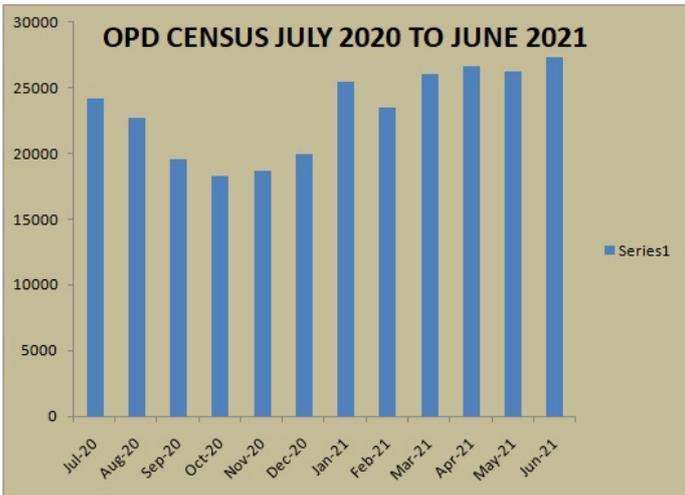
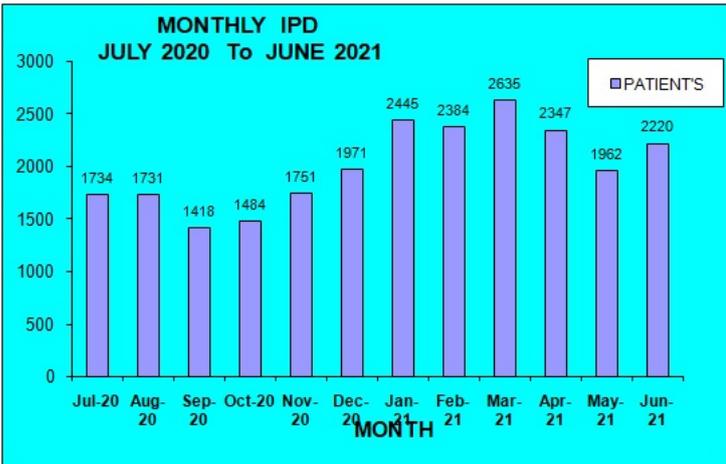
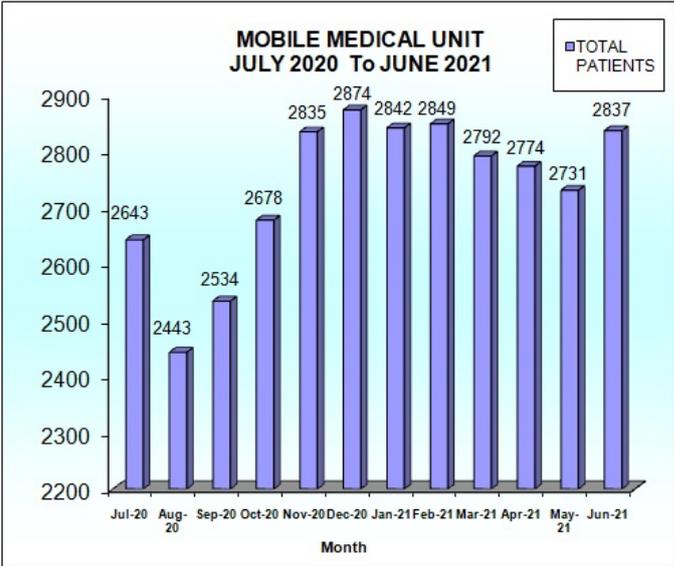
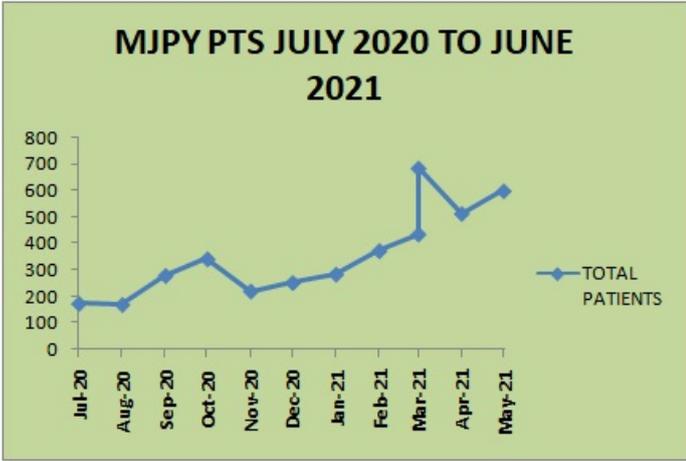
148.	Blood Donation Camp at Bhudargad, Gargoti	DYPH, NSS	2	0
149.	Blood Donation Camp at Ruikar Colony, Kolhapur	DYPH, NSS	16	0
150.	Blood Donation Camp at Bajargate, Kolhapur	DYPH, NSS	2	0
151.	Blood Donation Camp at Bajargate, Kolhapur	DYPH, NSS	1	0
152.	Blood Donation Camp at Unchagaon, Kolhapur	DYPH, NSS	20	0
153.	Blood Donation Camp at Hupari	DYPH, NSS	66	0
154.	Blood Donation Camp at Tembalaiwadi, Kolhapur	DYPH, NSS	25	0
155.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	40	0
156.	Blood Donation Camp at Shirol	DYPH, NSS	65	0
157.	Blood Donation Camp at Ujalaiwadi	DYPH, NSS	1	0
158.	Blood Donation Camp at Tarabai Park, Kolhapur	DYPH, NSS	1	0
159.	Blood Donation Camp at Ichalkaranji	DYPH, NSS	56	0
160.	Blood Donation Camp at Sangali	DYPH, NSS	2	0
161.	Blood Donation Camp at Vasagade, Kolhapur	DYPH, NSS	4	0
162.	Blood Donation Camp at Khatangale, Kolhapur	DYPH, NSS	1	0
163.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	8	0
164.	Blood Donation Camp at Lingnoor	DYPH, NSS	45	0
165.	Blood Donation Camp at Miraj	DYPH, NSS	1	0
166.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	2	0
167.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	45	0
168.	Blood Donation Camp at Nale Colony, Kolhapur	DYPH, NSS	21	0
169.	Blood Donation Camp at Ichalkaranji	DYPH, NSS	25	0
170.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	2	0
171.	Blood Donation Camp at Shaupuri, Kolhapur	DYPH, NSS	36	0
172.	Blood Donation Camp at Gandhinagar	DYPH, NSS	1	0
173.	Blood Donation Camp at Ichalkaranji	DYPH, NSS	30	0
174.	Blood Donation Camp at Nipani, Belgaum	DYPH, NSS	2	0

175.	Blood Donation Camp at Isampur	DYPH, NSS	23	0
176.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	20	0
177.	Blood Donation Camp at Shivaji Peth, Kolhapur	DYPH, NSS	106	0
178.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	42	0
179.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	39	0
180.	Blood Donation Camp at Shivaji Peth, Kolhapur	DYPH, NSS	70	0
181.	Blood Donation Camp at Isampur	DYPH, NSS	53	0
182.	Blood Donation Camp at Nej-Shivapur	DYPH, NSS	37	0
183.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	47	0
184.	Blood Donation Camp at Ladegaon-Walawa	DYPH, NSS	1	0
185.	Blood Donation Camp at Kasaba Bawada, Kolhapur	DYPH, NSS	61	0
186.	Blood Donation Camp at Rukadi	DYPH, NSS	27	0
187.	Blood Donation Camp at Padal	DYPH, NSS	38	0
188.	D. Y. Patil Medical College, Kasaba Bawada	DYPH, NSS	1	0
189.	Blood Donation Camp at Kadamwadi	DYPH, NSS	1	0

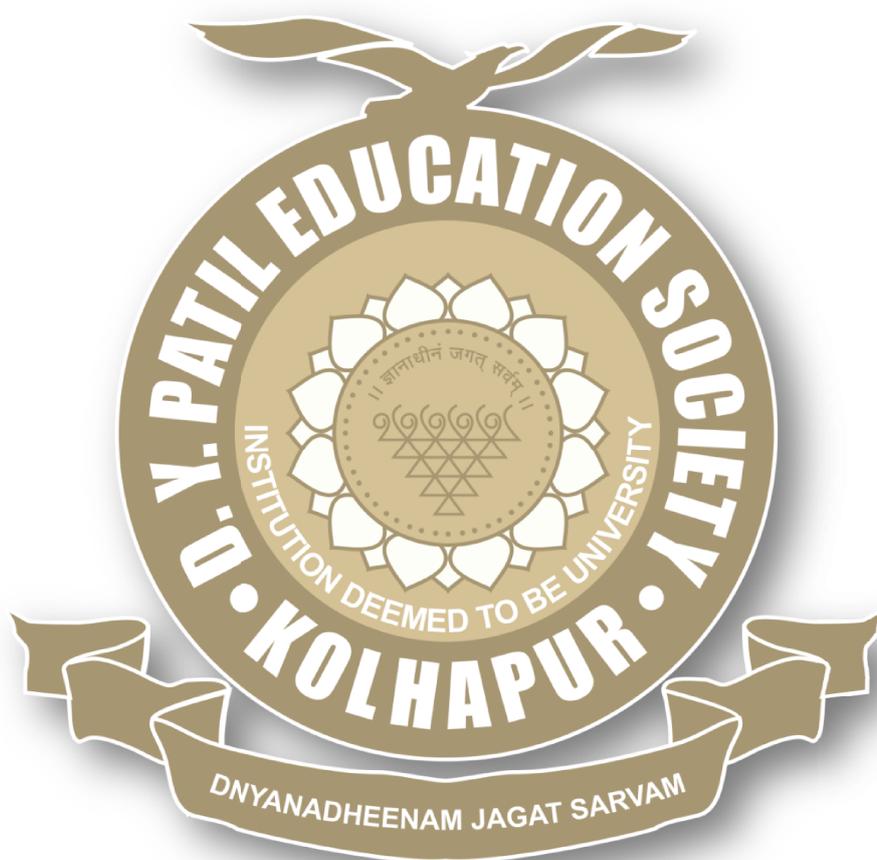
Performance of the Hospital







CHAPTER 15



HONORS, AWARDS & ACHIEVEMENTS

Departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, WHO, NIH etc. and other similar recognitions by national and international agencies

Name of the Department with recognition	Name of the Scheme	Name of the funding agency	Year(s) of Award
Molecular Biology Lab, DR. D. Y. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE (D. Y. PATIL EDUCATION SOCIETY)	Accreditation	National Accreditation Board for Testing and Calibration Laboratories	2020
Molecular Biology Lab, DR. D. Y. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE (D. Y. PATIL EDUCATION SOCIETY)	Recognition	ICMR	2020
Center for Interdisciplinary Research	Technology Transfer Project	Science and Engineering Research Board, Department of Sceince and Technology, India	2021
Department of Community Medicine	Unnat Bharat Abhiyaan	Ministry of Health, Government of India	
Department of Paediatrics	Basic life support training centre	Indian Association of Paediatrics	2018
Dr. D Y Patil Hospital and Research Institute	Mobile Medical Unit	National Rural Health Mission	2020

Sr. No.	Name of Faculty and Department	Type of Achievement /Award/Recognition etc	Title of achievement /award/project	Awarded by	Name of awarding body	Date of award of achievement
1	Dr. Mohite Anjana Avinash Otolaryngology	Academic Award	Associate Editor Medpulse - International Journal of ENT	Research Organization	MIJOENT	2020-2023
2	Dr. Mohite Anjana Avinash Otolaryngology	Social Award/Recognition	Treasurer-AOI, Kolhapur branch.	Professional Association	AOI, Kolhapur	2020-2022
3	Dr. Mohite Anjana Avinash Otolaryngology	Social Award/Recognition	Certificate of appreciation-COVID19	Own University	D Y Patil University	08-03-2021
4						

Sr. No.	Name of Faculty and Department	Type of Achievement /Award/Recognition etc	Title of achievement /award/project	Awarded by	Name of awarding body	Date of award of achievement
5	Dr. Kashte Shivaji Bhikaji Stem Cell & Regenerative medicine	Recognition as a Ph.D. guide	Ph.D. guide in Biotechnology, Stem cells and Regenerative Medicine and Interdisciplinary studies	Own University	DYPES, Kolhapur	07-08-2020
6	Dr. Kashte Shivaji Bhikaji Stem Cell & Regenerative medicine	Chairperson	Chairperson at Two days virtual International Conference	Nil	Department of Stem Cell and Regenerative Medicine, Centre for Interdisciplinary Research	20-03-2021
7	Dr. Kashte Shivaji Bhikaji Stem Cell & Regenerative medicine	Recognition as a Reviewer	Recognition as a Reviewer for Journal of Biomedical Materials Research Part B: Applied Biomaterials in 2020	Professional Association	Wiley	24-02-2021
8	Dr. Khot Vishwajeet Mahipati Medical Physics	Recognition	Chairperson	International Conference on "STEM CELLS AND REGENERATIVE MEDICINE– ACADEMIC AND INDUSTRIAL OUTLOOKS" (SCRM-AIO-2021),	Department of SCRM and Medical Biotechnology, DYPES	19 & 20-03-2021
9	Dr. Kumbhar Amruta Nitin Physiology	Research Award	Basic course in Biomedical Research	Government body	ICMR/NIE	08-01-2021
10	Dr. Patil Archana Rahul BIOCHEMISTRY	Research Award	Basic Course In Biomedical Research (May-June 2020	Research Organization	ICMR	08-01-2021

Sr. No.	Name of Faculty and Department	Type of Achievement /Award/Recognition etc	Title of achievement /award/project	Awarded by	Name of awarding body	Date of award of achievement
11	Dr. Potdar Pallavi Ashutosh Community Medicine	Social Award/Recognition	Letter of thanks for delivering guest lecture on Covid -19 prevention and control	Academic Institution	Kamala College, Kolhapur	08-03-2021
12	Dr. Patil Vinaya Rajendra Physiotherapy	Research recognition	patent	Government body	patent office of Intellectual property rights	26-03-2021
13	Dr. Kumbhar Archana Shailendra OBSTETRICS AND GYNAECOLOGY	CERTIFICATE OF APPRECIATION	FOR WORK IN COVID TIMES	PRESIDENT OF DYP UNIVERSITY	DR SANJAY D PATIL	03-08-2021
14	Dr. Kurane Anil Bapurao Pediatrics	Certificate of Appreciation	Certificate of Appreciation	Nil	AFPI CLIRNET	06-11-2020
15	Mr. Patil Shivagouda Basagouda Nursing College	Certificate of excellence in reviewing	Annual research and review in biology	Annual research and review in biology	Annual research and review in biology	05-09-2020
16	Mr. Patil Shivagouda Basagouda Nursing College	Certificate of excellence in reviewing	International STD research and reviews	International STD research and reviews	International STD research and reviews	15-02-2021
17	Mr. Patil Shivagouda Basagouda Nursing College	Appreciation certificate	International Seminar on Nursing Career : An Overseas Perspective	D Y Patil College of Nursing in collaboration with Internal Quality Assurance Cell, D Y Patil Education Society, Deemed To Be University, Kolhapur.	D Y Patil College of Nursing in collaboration with Internal Quality Assurance Cell, D Y Patil Education Society, Deemed To Be University, Kolhapur.	26-02-2021
18	Dr. Dahilkar Rupesh Panjabrao PHYSIOLOGY	Others	Certificate Course in Evidence Based Diabetes Mellitus	Social Organization	PHFI	21-03-2021

Sr. No.	Name of Faculty and Department	Type of Achievement /Award/Recognition etc	Title of achievement /award/project	Awarded by	Name of awarding body	Date of award of achievement
			(CCEBDM)- Certificate Program			
19	Dr. Varute Vasundhara Pratap Otolaryngology	Research recognition	Associate Editor	Research Organization	Medpulse International Journal of ENT	01-03-2020
20	Dr. Varute Pratap Appasaheb General Surgery	Others	External Examiner	Government body	MUHS	26-03-2021
21	Dr. Varute Pratap Appasaheb General Surgery	Others	Executive Council Member	Others	Association of Surgeons of India	2019-2021
22	Dr. Gaikwad Vaishali Vinayak General Surgery	Social Award/Recognition	corona heroes	Government body	KMC	20-03-2021
23	Dr. Gaikwad Vaishali Vinayak General Surgery	Social Award/Recognition	patriots in white	Professional Association	The Times of India	Dec-20
24	Mr. Subravgoudar Praveen Laxman Nursing	Young Researcher Award	Young Researcher Award	ANA Publishing Private Limited.	ANA Publishing Private Limited.	09-08-2020
25	Dr. Ghatage Mansingrao Naikrao General Surgery	Others	ELECTED MEMBER OF EC FOR MASI 2021- 2024	Professional Association	MASI	25-12-2020
26	Dr. Patil Aniket Pasgonda General Surgery	Others	EC MEMBER OF KSS 2021	Professional Association	KSS	21-04-2021
27	Dr. Tiwari Arpita Pandey SCRM	Reviewer (Recognition)	Reviewer	Biochemistry and biophysics reoprts	Elsevier	22-03- 2021
28	Dr. Tiwari Arpita Pandey SCRM	Life Time Membership (Recognition)	Life Time Membership	ISSSG	Indian stem cell study group association	23-Mar-21
29	Dr. Shinde Ravindra Mahadev Pathology	Others	Chairman, Advisory committee	Professional Association	IMA Kolhapur	2021-2022
30	Dr. Lokhande C. D. CIR	Recognition	World Ranking First Ranking in Applied Physics	BLOS Biology	BLOS Biology	October 2020

Sr. No.	Name of Faculty and Department	Type of Achievement /Award/Recognition etc	Title of achievement /award/project	Awarded by	Name of awarding body	Date of award of achievement
31	Dr. Lokhande C. D.CIR	Recognition	Brand Kolhapur	Kolhapur Citizen Forum	Kolhapur Citizen Forum	Dec-20
32	Dr. Lokhande C. D.CIR	Recognition	Academic Council Member of University of Mumbai	University of Mumbai	University of Mumbai	2020
33	Dr. Shimpa Sharma General Medicine	Excellence in Reviewing	Certificate of Excellence in Reviewing	Chief Managing Editor	International Journal of Tropical Disease and Health	2020
34	Dr. Roma A Chougale	Social recognition	Frontline heroes; Pillars of Society Corona Heroes' certificate of appreciation. 2020-2021	Awarded by Kolhapur Medical Association and Govt. Administration	Awarded by Kolhapur Medical Association and Govt. Administration	10.05.2021
35	Dr. Roma A Chougale	Social recognition	Certificate of appreciation for her meritorious, extraordinary service and dedication to her profession during the COVID times	Awarded by D.Y Patil Medical College, Kolhapur	Awarded by D.Y Patil Medical College, Kolhapur	08.03.2021
36	Dr. V.S Vatkar	Social recognition	Certificate of appreciation for her meritorious, extraordinary service and dedication to her profession during the COVID times.	Awarded by D.Y Patil Medical College, Kolhapur	Awarded by D.Y Patil Medical College, Kolhapur	08.03.2021

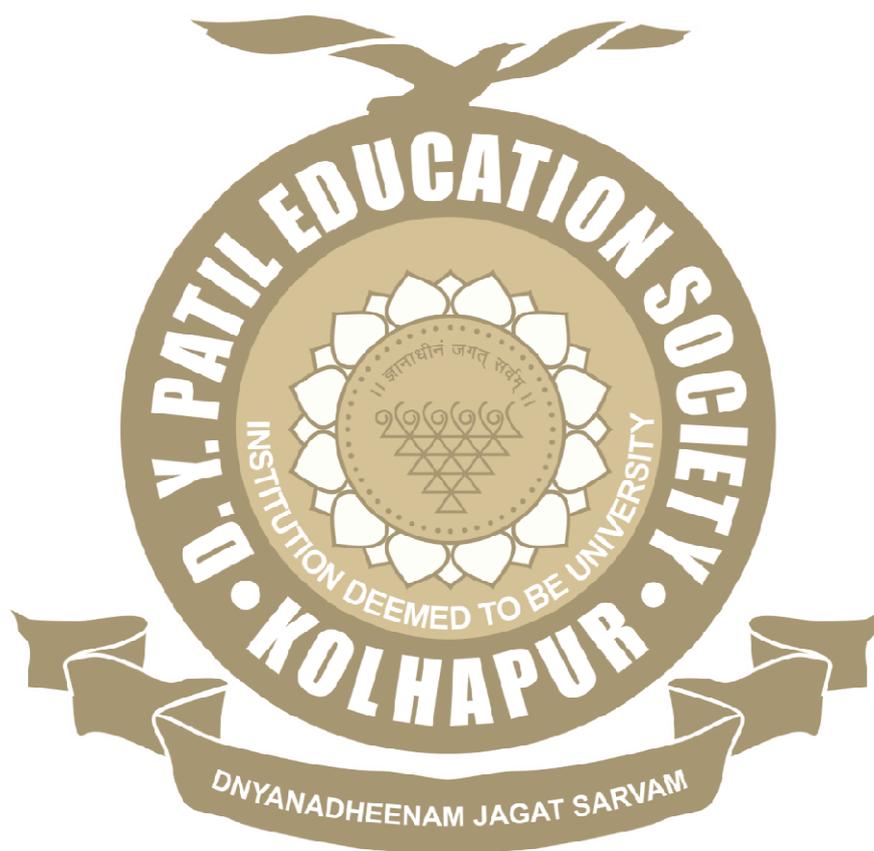
Teachers awarded national/international fellowship/Financial support for advanced studies/collaborative research participation in Indian and Overseas Institutions

Sr. No.	Name of the teacher awarded national/international fellowship	Name of the award/fellowship	Year of award	Awarding Agency
1	Mr. Praveen L Subravgoudar	Young Researcher Award	2020	ANA Publishing Private Limited.
2	Prof. C. D. Lokhande	World Ranking First Ranking in Applied Physics	2020	PLOS Biology
3	Dr Rupesh Dahilkar	Certificate course in evidence Based Diabetic Management (CCEBDM)	2021	Public health foundation of India
4	Dr Indira Kurane	Certificate Course in Exercise and Sports Physiology	2021	Shri Shri University
5	Dr. R. K. Sharma	Post Graduate Diploma in Quality Management of Hospital & Health care Orgainazition	2020	Symbiosis International (Deemed University)
6	Dr. R. K. Sharma	Post Graduate Diploma in Medical Legal Systems	2020	Symbiosis International (Deemed University)
7	Dr. Shimpa Sharma	Course Certificate	2020	Couesera
8	Dr. Shimpa Sharma	Certificate of excellence in reviewing	2020	International Journal of TROPICAL Disease & Health
9	Dr. Shimpa Sharma	Course Certificate	2020	University of New South Wales, Australia
10	Dr. Shimpa Sharma	Certificate of Participation	2020	Maharishi Markandeshwar, Deemed to be University, Haryana
11	Dr. Rajesh Khyalappa	Advanced Course on Medical Education	2020	Seth GS Medical College and KEM Hospital
12	Dr. Sapna S. Deshpande	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
13	Dr. Anil Kurane	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
14	Dr. Archita Patil	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
15	Dr. Anupama Sahastrbudhe	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
16	M. Pandian	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
17	Dr Ashutosh B Potdar	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
18	Dr Pratapsingh Rathod	Basic Course in Biomedical	2020	Indian Council of

Sr. No.	Name of the teacher awarded national/international fellowship	Name of the award/fellowship	Year of award	Awarding Agency
		Research		Medical Research
19	Dr. P.A. Potdar	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
20	Dr. J.S. Shete	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
21	Dr. V.G. Nikam	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
22	Dr. Sunita Patil	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
23	Dr. Archana P. Shinde	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
24	Dr. Suchita V. Deshmukh	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
25	Dr. Namrata Mestri	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
26	Dr.Rashmi Chavan	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
27	Dr.Aarti Jadhav	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
28	Dr. Monaiah pradhan	Basic Course in Biomedical Research	2020	Indian Council of Medical Research
29	Dr. Mohan Patil	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
30	Dr. Nivedita Patil	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
31	Dr.Hemant Bharati	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
32	Dr.Ashok Chougule	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
33	Dr.Devayani Kulkarni	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
34	Dr.Priti Kamble	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
35	Dr.Vaishali Gaikwad	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
36	Dr.Shimpa Sharma	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
37	Dr Vasudha Sawant	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
38	Dr Suruchi Pawar	Basic Course in Biomedical Research	2021	Indian Council of Medical Research
39	Dr Dhananjay Wagh	Basic Course in Biomedical	2021	Indian Council of

Sr. No.	Name of the teacher awarded national/international fellowship	Name of the award/fellowship	Year of award	Awarding Agency
		Research		Medical Research
40	Dr. P.A. Potdar	Basic Course in Biomedical Research	2020	ICMR, NMC
41	Dr. J.S. Shete	Basic Course in Biomedical Research	2020	ICMR, NMC
42	Dr. Nikhil Gulvani	Basic Course in Biomedical Research	2021	ICMR, NMC

CHAPTER 16



VISITS OF THE DIGNITARIES AND GUESTS

List of Dignitaries/Guests Visited

Sr. No.	Guest Speakers	Topic
1.	Dr.JabeenBasade, (Mumbai)	Online Teaching and Mental Health
2.	Dr.Alok Shinde, Cardiologist (Kolhapur)	Cardiovascular Health In Youngsters
3.	Dr. Reshma S. Pawar (Executive Director & CEO) Kolhapur Cancer Centre	Guest Webinar
4.	Dr.Yugandara Kadam Professor in Community Medicine, KIMS, Karad	Gender
5.	Pramod Patil, KIT college of Engineering	Personality development Communication, Soft Skills, Presentation skill, Public speaking
6.	Ms. Aishwarya Ghotane	Alternative Medicine, Ayurveda
7.	Mr. Ravi Nikam Professor in KIT College of Engineering	Environment
8.	Mr. AkshayThorvat (Plastic) HOD Environment, KIT college of Engineering	Environment
9.	Mrs. Vidula Swami Professor (Civil), KIT college of Engineering	Planting
10.	Dr. Mahesh Prabhu Plastic Surgeon	Service to Community
11.	Dr. P.S. Patankar, Education Department , Shivaji University, Kolhapur.	Value systems
12.	Dr. Deepak Deshkar, Associate Professor, Microbiology, Zydus Medical College, Gujarat	Yoga
13.	Shanti- Sunanda Behenji, Brahmakumari, Kolhapur.	UniversalPrinciples Satya/Dharma/Shanti/Prem/Ahimsa
14.	Mr. Nitin Bhosale (Heartfullness)	Rights to health
15.	Dr. Bharti Patil, Political Science Department, Shivaji University Kolhapur.	Voting as a duty
16.	Mr. Bandgar, Assistant Professor,TalsandeD.Y.Patil Agriculture College,	Energy Conservation E-Waste
17.	Mr. Vishal Pinjani, (Lgbtq/Gay awareness)Granth Book Shop Owner, 5 th lane Rajarampuri Kolhapur.	Inclusivity (Tolerance and Harmony)
18.	Dr.AvinashPatil, History Department, Shivaji University, Kolhapur.	Constitutional Rights
19.	Dr. Bharti Patil, Political Science Department, Shivaji University Kolhapur.	Citizenship University Code of Conduct
22.	Prof. Niraj Haval, D. Y. Patil Engineering College	Foundation course for Basics Computer Skill
23	Prof. MadalenaPatrico	Medical Education in the COVID What has changed and What will stay
24	Prof. Russell Dsouza	Reflections on the Pandemic and a Focus on Post COVID Bioethics

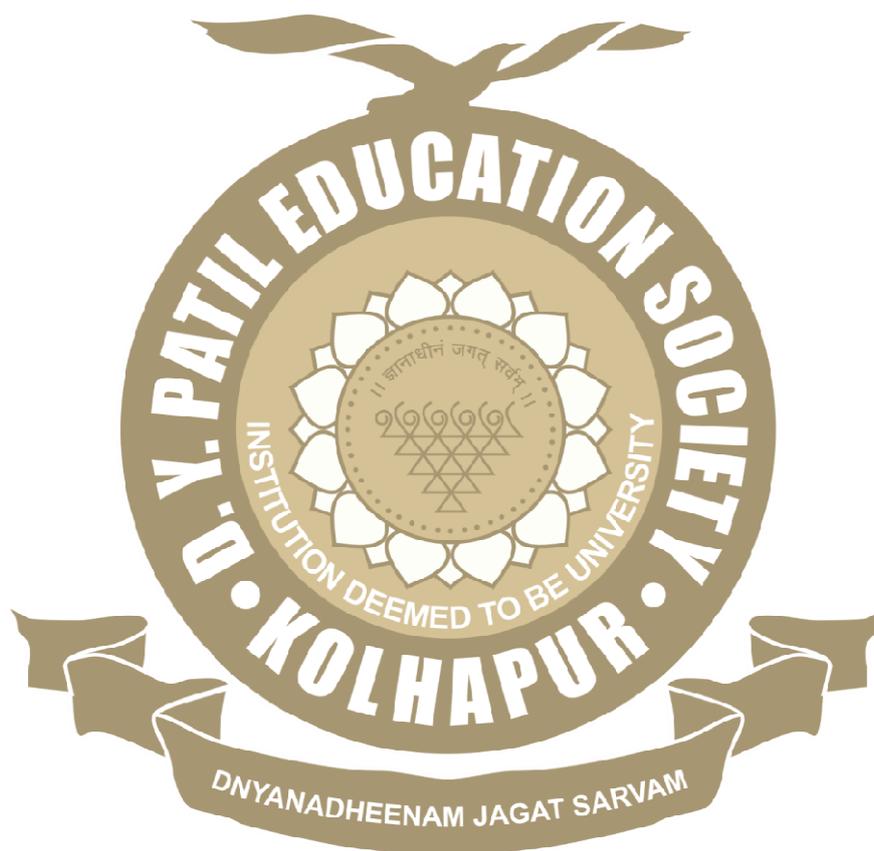
Sr. No.	Guest Speakers	Topic
26	Dr. Vedprakash Mishra	COVID and the Bioethics Curriculum for Medicine
27	Dr. Satish Bagewadi, Associate Professor, BIMS, Karnataka	Prevention and control of deafness
28	Dr. Surekha Basarge	Lecture and Workshop on Stress Management
29	Dr. Ganesh Avadh	MRI Reading in Orthopaedics
30	Dr. Arun Deshmukh	Role of plastic surgery in Orthopaedics
31	Dr. Rahul Yadav, Chief Consultant Anesthesiologists, INH Ashwini Hospital, Mumbai	IRAS Protocol
32	Dr. Vikram Patil, Chief Intensivist from Australia	ABG: Practical Approach
33	Mr. Sanjeev Jagtap, Ex. Sr. Vice President and global CIO from Mastek India	Environmental awareness
34	Dr. Deepa Shajjanar, Associate Professor in Biochemistry, BLDE(DU) SBMP Medical College, Vijayapura, Karnataka	'Patients' Autonomy and Decision Making
35	Dr. Amol Anantrao Gautham, Professor from Krishna Institute of Medical Sciences, Karad	Role of Plain Radiograph in Musculoskeletal Radiology – Beyond Fractures and Degenerative Diseases
36	Dr. Prasad L. Jaybhaye, Assoc. Prof. FMT dept, MGM Medical College, Aurangabad	Thanatology
37	Dr. Jyoti Nagmoti. MD. Professor in Microbiology, KLE University's J N Medical College Belgaum, Karnataka	"THE ART OF POWERPOINT PRESENTATION"
38	Dr. Shilpa Shah M.D. (Micro), Professor, Microbiology BVDU, Sangli.	"BIOHAZARD SAFETY AND PERSONAL PROTECTIVE MEASURES IN THE COVID-19 PANDEMIC"
39	Dr. Santosh Patil Professor, Bharati Vidyapeeth Deemed University, Medical College, Sangli	Vaccines, Covid-19 Pandemic Module

Visitors of Simulation Lab

Sr. No	Date	Name of Visitor	Designation	Institution
1	29-10-2020	Dr. Vinod M Kapase	Director	Noida Inst. Of Engg.& Tech
2	30-10-2020	Dr. D. R. Nandanwar	Joint Director	Technical Education
3	30-10-2020	Prof. H. N. Pandya	Professor	Saurashtra University
4	30-10-2020	Mr. Sudhir S. Bhandariya	Director	RGPV Bhopal
5	07-11-2020	Dr. Shivdatta Parabhu	Director	Neuroscience Nielsen
6	07-11-2020	Prof. Pramod S Patil	Director	School of Nano Science & Tech. Shivaji University Kolhapur
7	18-11-2020	Mr. Arun Samuel & Team	CMD	WIINS
8	18-11-2020	Dr. Shyam Singh	Pro.-Chancellor	SGT University Gurugram
9	27-11-2020	Dr. Suresh Bhosale	Chancellor	KIMS Deemed University, Karad
10	11-12-2020	Dr. Vaibhavi Upadhye	Clinical Lead in Simulation	Dinanath Mangeshkar Hospital & Research Centre, Pune
11	19-12-2020	Dr. Anant Patil	Assistant Professor Pharmacology	Dr. D. Y, Patil Medical College, Nerul
12	23-12-2020	Dr. Amiiit Khomane	Consultant Intensivist	Dr. D. Y, Patil University Sim Lab Navi Mumbai
13	30-12-2020	Dr. Siddharth Verma	Associate Prof. Pain Med	Dr. D. y. Patil university school of MED Navi Mumbai
14	06-01-2021	Dr. V S Maune	Prof. & Head	Shivaji University
15	06-01-2021	Prof. Jyoti Jadhav	HOD Biochemistry	Shivaji University
16	06-01-2021	Dr. Ajit Bawaskar	HOD Emergency Med	Global Hospital
17	27-01-2021	Dr. Mrunal Phatak	Dean	AIIMS Nagpur
18	29-01-2021	Dr. Akanksha Saberwal	Associate Prof. ENT	D. Y. Patil University Navi Mumbai
19	04-02-2021	Dr. S S Iyes	HOD CCM	B. V (DTU) M C Medical college Pune
20	13-02-2021	Dr. Vijay Kanase	Associate	K. I. M. S. Karad
21	13-02-2021	Dr. Vasant Deshmukh	Prof. & HOD Surgery	RCSM Gov. Medical College Kolhapur
22	18-02-2021	Dr. Bhavesh Shah	Asso.Prof.- Pediatric	GMC Miraj
23	12-03-2021	IGP Mr. Ajit Patil	IGP Amarawati	Maharashtra Police
24	13-03-2021	Dr. Vidya S. Patil	A P Medicine	RCSMGMC Kolhapur
25	16-03-2021	Dr. Nitin Kshirsagar	Prof. in OBGYN	KIMS, Karad
26	17-03-2021	Dr. Shital Kolhe	NICU In-charge	D. Y. Patil medical university, Nerul, Navi Mumbai
27	18-03-2021	Justice A. R. Joshi(Rtd)	Judge, High-Court	Gov. of India

Sr. No	Date	Name of Visitor	Designation	Institution
28	18-03-2021	C. A. Amit Shinde	Chartered Accountant	Chartered Accountant
29	18-03-2021	Dr. Vilas Salokhe	Former Vice-Chancellor	Kaziranga University
30	22-03-2021	Dr. N. R. KULKARNI	VICE-CHANCELLER	S.P. PUNE UNIVERSITY
31	25-03-2021	Dr. Prakash Pawar	City TB Officer	KMC Kolhapur
32	25-03-2021	Mrs. Maneesha Dilip Desai	STZS, KMC Kolhapur	TB Control Society, Kolhapur
33	10-04-2021	Dr. Narendra Nanivadekar	National Convener	IAP Member
34	10-04-2021	Dr. Sunil Patil	Secretary	IAP Member
35	21-05-2021	Dr. Rajesh Kudalkar	Pediatrician	IAP Member
36	21-06-2021	Dr. Jyotsna S. M. Paranjape	HOD ANESTHESIA	BVDUMCH

CHAPTER 17



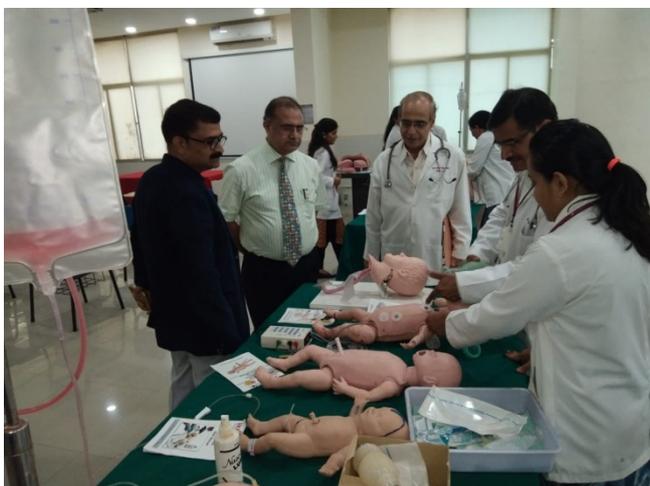
Distinctiveness of the University

Skill based learning has been in limelight for last few years and rightly so. Skills are vital for each and every profession for a holistic understanding of subject matter. Mastering skills also elevates the quality of service a professional delivers to his employers or clients. Taking cognisance of growing relevance of skill based learning, the apex governing body for medical education in the country, Medical Council of India issued guidelines to establish a fully functional skill lab in every medical college.

We are proud to state that long before these guidelines, the D Y Patil University, Kolhapur & Dr. D Y Patil Medical College Hospital & Research Institute Kolhapur had the vision and the foresight to establish its own skill lab in November 2015 which became fully functional February 2016 onwards.

FIRST STEPS

The first skill lab was run in the hospital building. It housed 15 skill stations and first generation mannequins. Post graduate residents from departments of medicine, surgery, ENT, orthopedics, pediatrics, anaesthesia and microbiology were trained there on a number of skill stations and were taught life saving procedures using state of the art equipment by teachers, who had extensive experience in healthcare and emergency medicine in their respective specialties. This lab also served as a steppingstone for more than 200 newly graduated medical interns to get their first hands on experience in skill based practice of medicine by learning basic medical procedures and potentially life saving manouveres such as the Basic Life Support (BLS). The lab functioned till 2019, which was merged with the new Skills & Simulation Centre (SSC) 2020 onwards.



FROM SKILLS LAB TO SKILLS & SIMULATION CENTRE (SSC): TAKING THE NEXT STEP.

Rapidly advancing fields of robotics and AI, and an extensive shift in various social, political and ethical paradigms of healthcare lead us to take the leap forward; establishing a holistic state of the art simulation and skill based lab, which would emerge as a true leader in simulation based education. A SSC is a notch higher than a skills lab, as it adds value to skills lab by creating a real-life high fidelity scenarios for trainees, which makes learning a truly immersive experience.

The new lab (SSC), built with all the inputs and learnings from its predecessor, is housed in a separate wing of the hospital and employed a full time staff for administration, training, maintenance, record keeping and technical support. The lab houses second and third generation high fidelity mannequins for running various scenarios in emergency medicine. The lab also has many skill stations and workstations, which facilitate direct hands-on learning for everyone by completely eliminating the fear and anxiety of causing harm to the patient, that is associated with working in a high-tension environment of a hospital.

The lab is a unique learning experience, since teachers do not just deliver a capsule of information or knowledge through lectures and powerpoints. They create an environment of peer feedback based learning, and self-directed learning. We have taken following steps to ensure the lab serves its purpose to its capacity.

State of the art equipment and audio-visual facilities

The lab offers cutting edge technology and realistic environment necessary for medical simulation. Mannequins used in this lab are of high fidelity (they simulate the real life setting as close as it can get) and are not static. Monitors and computer based systems attached to the mannequins respond to various manouveres performed on them, and they demonstrate various responses a human body would do whenexposed to similar setting.



The lab also has facility to record and re-view the entire training program by trainees along with their peers, where discussions and de- briefings help students imbibe the key learning principles.

Well trained demonstrators and facilitators

The university through a meticulous process, has chosen 15 faculty members, each having experience, or having expertise in one or more aspects in the field of simulation based teaching. The university conducted three Faculty Development Programs (FDP) in the year 2020-21, each lasting 2 days. Programs were conducted by a Mayo Clinic certified trainer in medical simulation, and provided a theoretical as well as hands-on training for all faculty members in simulation based training. The program covered basic concepts of medical simulation, and complex and advanced techniques in medical simulation.



SIMULATION: JOURNEY SO FAR

Since its inception, the SSC has successfully completed 125 workshops over a span of 10 months, which benefitted 1067 participants across the medical college, the nursing college and the physiotherapy college.



Workshops were conducted for interns, postgraduate students and faculty members. These workshops covered topics which ranged from introductory skills training (for eg; Internship Orientation Program), to advanced specialty and super- specialty training (eg; Fibre Optic Laryngoscopy workshop).

Considering the key role of continued medical education, faculty members trained in SBE worked as observers along with certified expert trainers on student training programs to develop and practice their facilitators' skills under supervision. This would help in longer run when these faculty members would start acting as facilitators independently in near future.

SIMULATION: OUTCOMES

Perception and reception

Classroom based teaching has few limitations, not being able to kindle every student's interest and attention being the most glaring of them. Simulation based training however eliminates it by virtue of it being 1) small group teaching, 2) encouraging peer, immersive and self-directed learning and 3) adding a bit of ground zero environment, a pinch of gamesmanship and a hint of thrill that makes everyone commit & participate wholeheartedly to the exercise. This reflected in the feedback submitted by the participants after attending various workshops at the centre.

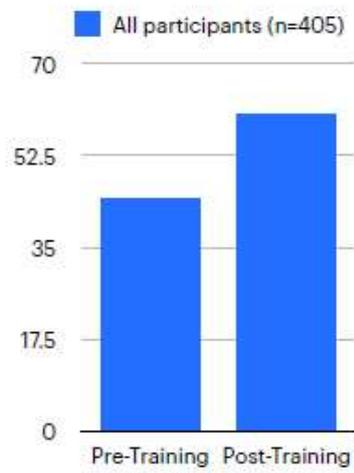


Impact

The centre also we observed a significant immediate improvement in knowledge of subject matter, which ranged from 25% to 45%. The centre maintains meticulously kept records and video data which is available for review and revision for students as well as centre administrators to improve practices. At present, the centre has assessment data for more than 450 participants, and video based data on all 125 workshops featuring more than 1000 participants.

The centre has also provided vital teaching opportunities in the recently conducted Revised Basic Course Workshop In Medical Teaching (RBCW) where, novel teaching methods, such as Simulation Based teaching were utilized for training medical teachers. The session, the

infrastructure, support from the SSC and the facilitators were appreciated by the audience and the session observers.



SBE: LOOKING AHEAD:

The SSC has within its scope of vision to broaden its services. The SSC plans to organise more programs involving students and practioners not only from the institution, but also from the city of Kolhapur and surrounding area who are in dire need of a centre for excellence in SBE. The centrehas already begun its journey in that direction, be it a program for practioners in Obstetrics and Gynaecology who are pursuing a fellowship in Laparoscopy in OBGYN, or a program conducted for Indian Academy Of Pediatrician certified BLS course for practioners in and around Kolhapur.

The SSC expects to grow in this direction in near future. The SSC also believes in achieving higher degrees of excellence in terms of standards ofteaching. To do that, the centre has planned the next session of training for the core faculty team in Simulation Based Training.



CHAPTER 18



Healthy Practices

The principle of decentralization allows for ground-level expression of innovative and healthy activities within and between the different departments of the University. These address an array of areas, from personal bonhomie amongst employees to establishment of the Laughter Club and from emergency-readiness of personnel to interprofessional collaborative practice. Some new healthy practices adopted within the campus during the academic year 2020-2021 are described using the 7-criteria format of National Assessment and Accreditation Council.

Criteria I:

Compilation of Program outcomes & Course Outcomes of all programs

To make sure that student outcomes are in line with the vision and mission of the University and thereby in line with the goals of higher education, Graduate Attributes and Student Outcomes have been defined for most programs. POCO of all programs was undertaken and accomplished with the cooperation of all faculty. The curricular mapping was done in a uniform manner within the university. Question paper Mapping was also done with estimation of program outcomes and course outcomes achieved.

Online Feedback from Mentors and Mentees for the University Moral Guidance Scheme – the Mentoring System of the University

This allowed the university to collect information on different aspects of the UMGS implementation with the view to addressing any deficiencies, improving relevant areas and recognizing our strengths.

The feedback form, offered through the SurveyMonkey platform investigated aspects such as setting up of the appointment for mentoring, convenience to students, duration of the interaction, whether it was done in small groups or individually. It also enquired about the topics covered during the interaction, nature of guidance given and the satisfaction of the mentee with the process. The individual satisfaction of the mentee with the mentor was also assessed.

Criteria II:

Remedial Classes – an initiative for slow learners

The initiative aims to help slow learners to complete their syllabus as well as better understand the curriculum before the main university exams. Students who have missed classes also

attend. The classes are held with approval of Deans, cover the entire syllabus and topics also suggested by students are included. Attendance at these classes is taken. Outcomes of these classes is positively reflected in the end-University exam results of these students.

Closure of Feedback Loop on online teaching by faculty.

Student feedback taken on faculty teaching on online platforms was analyzed and subsequently followed by retraining of faculty. This provided direction to the kind of training, and the areas to focus on. Post retraining, feedback was taken from students which showed marked improvement in their responses to online teaching by teachers.

Faculty enrichment

Organization of workshops & seminars, financial support for attending conferences, reimbursement of membership fees for professional associations and incentives for research output all contribute to encouraging and fostering the spirit of continuous education and training in DYPES faculty. Updating of knowledge, aligning pedagogy with global trends, upgrading curriculum to match newer initiatives of Quality Mandate and the NEP are vital outcomes of this support.

Participatory Learning

Learning is made student centric through the adoption of the participatory learning activities and relevant pedagogies. Andragogical techniques and methods are also used to foster skills of reasoning, critical analysis. Use of heutagogical trends amongst students allows for higher degree of learning.

Criteria III:

Revision of Research Incentive Policy

This is done to provide continued support to faculty. This revision caters separately for publication support as well as research incentive for faculty. To promote applications for copyright by the teachers, the incentivization for Copyrights has been enhanced.

Other aspects like intramural funding, incentive for patents and sharing of incentive amongst authors etc., are retained in the policy and also implemented this year.

Criteria IV:**State-of-the Art Simulation & Skills Centre and Communication Skills Lab.**

The inauguration of the Simulation & Skill Centre in October 2020 was followed by workshops to Train the Trainers as well as Simulation-based training of interns and PG students. Training by Mayo Clinic trained external faculty, appointment of full-time staff to manage the Simulation Centre and regular organization of workshops are some features that improve functioning and outcomes of the Lab.

Criteria V:**Online Engagement of Students & Alumni**

Student engagement during the lockdown and pandemic through innovative and customized efforts of the faculty and staff. Interaction with students was continued via guest lectures, seminars, NSS activities, intra-university, and inter-college competitions. The University Moral Guidance Scheme moved to an online avatar with interaction between mentor-mentee being ensured. Twenty-six activities and competitions were organized in 2020-2021 with another 19 being organized in first six months of the next academic year.

Alumni engagement during the lockdown and pandemic- A compilation of Memories of Alumni is being compiled based on short anecdotes and memories shared by them. Alumni have conducted 9 online lectures for our students in this period. The Alumni Association has donated a sum of Rs 5 lakhs to establish an endowment that awards the best out-going student from the Medical College, each year. They have also set in process the procurement of medical equipment worth Rs 5 lakhs for the hospital.

Criteria VI:**Welfare measures for teaching and non-teaching staff during pandemic.**

In view of the pandemic, health insurance policy was taken to cover all the employees who were working during the pandemic at risk to their own personal health. All employees were provided with free PPE, Face Masks, Sanitizers and free food and transport to home as required. Recognition of the excellent work done by the various departments and collaborating agencies/institutions was done at a commendation program when the pandemic numbers

reduced. A thank-you cash award was given to all staff over and above the salary in the month of November 2021.

Use of ICT in Governance:

E-governance has been amplified with complete on boarding of the Enterprise Resource Planning to address a range of academic and administrative activities. Academic activities include student admissions, attendance, information dissemination, provision of learning resources, Learning Management System support, examination enrollment, etc. Administrative activities include sharing circulars, meeting notices, minutes of meeting, routine communications, the cloud-based updated Hospital Information System, inventory, and indent in college, leave applications, etc. Videoconferencing facilities allows online meetings with presence of experts within and outside the campus to the benefit of holding meetings of various bodies, as well as student advancement (PhD Viva, PG Examination).

Criteria VII:

The execution of the landscaping efforts of the Kolhapur Airport under an MOUS has been accomplished in addition to continued maintenance of the road divider plantings. Exchanging plastic bags for cloth bags to keep medicines was another practice that was well received by patients. Green Audit and Environment Audit has been conducted as has the Energy Audit. Supporting the theme of inclusivity, the multilingual consent form booklet provides support for patients and relatives, as does the information on Hospital website in local language.

DYPES has continued previously existing healthy practices of energy and water conservation and waste management as well as providing access and support to differently abled persons.

Best Practices declared were many. However, of note are the two best practices that are shared in the Annual Quality Assurance Report submitted to National Assessment and Accreditation Council (NAAC). These are

1. Inter Professional, Inter Disciplinary, Collaborative Practice at the Dr D Y Patil Medical College Hospital and Research Institute during the pandemic.
2. Incorporation of Simulation-based training for enhanced skill development and experiential learning.





D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR
(INSTITUTION DEEMED TO BE UNIVERSITY)
NIRF 97 | NAAC 'A' Grade