

PERSONALITY AND PROFESSIONAL DEVELOPMENT - ETHICS

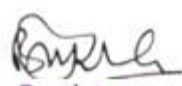
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| SR. NO. | NAME OF CAPABILITY ENHANCEMENT SCHEME | YEAR OF IMPLEMENTATION | No. OF STUDENTS ENROLLED |
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| 1 | Orientation Program -2023 | 19-08-2023 | 88 |
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| 3 | Guest Lecture - Online Code of Conduct | 17-05-2023 | 54 |
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| 13 | Guest Lecture on "Materials for Hydrogen Production" | 18-01-2023 | 50 |

| | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|----|
| 14 | Guest lecture on Advances in Proteomics | 10-01-2023 | 35 |
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| 21 | My Lab : One Day Seminar on Industry -Academia association: A forward step for bringing the scientific innovation from research lab to market | 04-10-2022 | 41 |
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| 23 | Guest Lecture on Image Guided Adaptive Radiotherapy-IGRT | 30-08-2022 | 40 |
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All reports of above mentioned programs are enclosed herewith :




 Registrar,
 D. Y. PATIL EDUCATION SOCIETY
 (Deemed to be University)
 869, 'E', Kasaba Bawada
 KOLHAPUR-416006



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR ***(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)

Reaccredited by NAAC with 'A' Grade

869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 Phone No.: (0231) 2601235-36, Fax: (0231) 2601595

ACTIVITY NAME: CIR-Orientation Program-2023

| | |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | “CIR-Orientation Program-2023” |
| Name of Department | Centre for Interdisciplinary Research (CIR) |
| Date | 19 th Aug 2023, Saturday |
| Program details | Orientation Program-2023 will be helpful for the newly admitted students for know about the D. Y. Patil Education Society (Deemed to be University), Kolhapur, Center for Interdisciplinary Research departments and Facility available in the Institution. |
| Objectives | <ul style="list-style-type: none">✚ To introduce the faculty, Department and Hospital facility to the new batch students of M.Sc. Medical Physics, Medical Biotechnology and Stem Cell and Regenerative Medicine.✚ To visit the CIR Department Research facility and Hospital Simulation Centre |
| Outcome of visit | <p>The following details are participants understood by this program</p> <ul style="list-style-type: none">✚ Dr. Arpita Pandey Tiwari: Participants got the information about CIR list of achievements.✚ Prof. R. G. Sonkawade: Participant’s understood about the D Y Patil Education Society (Deemed to be University) quality through last NAAC reports.✚ Prof. Magnad Joshi: Participants understood about the M.Sc courses 100 % placements and research opportunities✚ Prof. C.D. Lokhande: Understood about CIR and D Y Patil Education Society (Deemed to be University), Kolhapur |
| No. of participants | 88 (students + Faculty) |



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1. Title and Introduction

Title: CIR - Orientation Program -2023

Introduction

The Orientation program was organized by Centre for Interdisciplinary Research (CIR), D.Y. Patil Education Society (Deemed to be University), Kolhapur on 19th Aug 2023. The Aim of Orientation program is to give information about the department, Institute and Facilities available in the Institute. Honourable Professor Dr. C. D. Lokhande, Dean CIR, Professor Dr. Megnad Joshi, Head Department of SCRM and MBT, and Chief Guest Professor Dr. R. G. Sonkawade, Professor, Department of Physics, Shivanji University, Kolhapur were present for the function. The official program was started at 11.30 am by lamp lightning and Pooja of Santa Gajanan Maharaj Photo.

Students of M.Sc. Medical Physics, M.Sc. Stem Cell and Regenerative Medicine and PhD Students of CIR (Total 70 CIR Students + Faculty and Supporting staffs) were participated in this program.

Welcome speech was given by Bhakhar Muskan Chetanbhai second year M. Sc Medical Physics Student.

M.Sc. Second year students Mr. Raj from Stem Cell and Regenerative Medicine, Kamble Jaideep Bhalchandra from M. Sc Medical Physics were talked about their experience during last year in the department and Associate Professor Dr. Arpita Pandey Tiwari talked about the CIR achievements.

Respected Head of the Department Professor Dr. Meghnad Joshi was given motivational speech during the program.

Respected Chief Guest Professor Dr. R. G. Sonkawade, Professor, Department of Physics, Shivanji University, Kolhapur was given motivational speech during the program. Sir mentioned the quality of D. Y. Patil Education Society (Deemed to be University) by mentioning the last NACC committee report of our institution.

Honourable Dean of CIR Professor Dr. C. D. Lokhande sir has given the speech on orientation for Medical Physics, Stem Cell and Regenerative medicine and Medical biotechnology and carrier opportunity in these fields.



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Vote of Thanks was given by Program Coordinator Dr. K. Mayakannan, Assistant Professor, Department of Medical Physics.

In afternoon session all the students visited DY Patil Hospital facilities includes Advance Simulation lab, Department of Radiology, Molecular Biology Lab, Blood bank. The visit was very much informative and useful to all participants.

The Feedback for the Orientation program was analyzed and it was revealed that the program was very much inspiring and useful for all the participants.



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2. Event Details

Date : 19th Aug 2023
Time : 11.30 AM to 3.30 PM
Location : 7th Floor, CIR, D. Y. Patil Medical Hospital, Kadamwadi,
Kolhapur.

Name of the Resource Persons

1. Prof. R. G. Sonkawade
2. Prof. Magnad Joshi

Name of the Program Convener : Prof. C. D. Lokhande, Dean & Research Direction, CIR

Name of the Program Coordinator : Dr. K. Mayakannan



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CV s of the Speakers

Short CV of Honorable Prof. C.D. Lokhande



Name and Address: Prof. Chandrakant Dnyandev Lokhande

M.Sc, Ph.D., F. M.A.Sc., F. InstP(London),

Humboldtian (Germany),

Brain Pool Fellow (S. Korea),

Research Director and Professor D.Y. Patil Education Society, Kolhapur-416 006

Former Head, Department of Physics,

Former Coordinator, International Cooperation Cell, Shivaji University, Kolhapur -416 004 (India)

Tel (Office): +91-231-2601235

Mobile +91 9765788816

Fax 00910231-2691533

E Mail: l_chandrakant@yahoo.com; chandrakantlokhande5@gmail.com

Title of Ph.D. thesis with year of degree awarded: Photo electrochemical cells formed with Al doped CdS thin films (1984).

Books: 12

Review Articles: 16

International Journal papers: 692

Papers at Seminars/Symposia: 550

Total citations >30,608

H" index: 92

Patents: 63 (Indian 40 accepted, Korea 8 accepted), Applied (Indian) 15,

As per study conducted by Stanford University, USA and published in PLOS biology on October 16, 2020, Prof. C. D. Lokhande sir has been ranked as top scientist in the India and 186th in the world (Applied Physics)

As per Journal of information and Technology Vol. 32, 2012, pp. 477- 481", Prof Lokhande ranked 11th in the list of most productive scientist in Materials science (2000-2010) in India. He ranked second in the Average citation per article, after Prof. C N R Rao and ranked 4th in „H" index.



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As per, "Recent Research in Science and Technology 2011, 3(10): 112-117", Prof Lokhande has been ranked 11th in the publication on solar energy research in India during the period 1999-2011.

Achievements: Awards and Honors

- 1) SERB-TETRA, Science and Engineering Research Board, Government of India, New Delhi.
- 2) Brand Kolhapur award 2020
- 3) Fellow, Maharashtra Academy of Sciences (2012).
- 4) Member, Research project evaluation and recommendation committee, UGC, New Delhi, (2012).
- 5) Expert member, DST Committee on Hydrogen production (2012).
- 6) Distinguished visiting professor in polymer chemistry, Institute of Chemical Technology, Mumbai (2012).
- 7) Best teacher award 2010, Shivaji University.
- 8) Rajya Sikshak Purshakar-2009, Govt of Maharashtra.
- 9) Visiting Scientist: Brain Pool programme, South Korea (2003-04, 2008-09), (First recipient in Shivaji University).
- 10) Alexander Von-Humboldt Fellowship: Germany (1996-1998, 1998, 2000, 2001) (Most prestigious fellowship in the world, First recipient in Shivaji University).
- 11) Visiting Professor: Hanyang University, South Korea (2006)
- 12) Research Associateship: Kwansai Gakuen University, Japan (1994)
- 13) Visiting Scientist: Indo-Polish culture Exchange Programme, Poland (1991-92)
- 14) Research Associateship: University of Carbondale, U. S. A. (1986)
- 15) Post-Doctoral Fellowship: The Weizmann Institute of Science, Israel (1984-86)
- 16) Visiting Associateship: (CSIR, India) (1994-1997)
- 17) Visiting Fellow: (DST, India) (1994-95)
- 18) Visiting Fellow: Indian National Science Association, (INSA) (1993-94)
- 19) Nomination for Shanti Swarup Bhatnager Award by Shivaji University (1998, 1999)
- 20) Commonwealth Fellowship, U.K (Nominated By UGC, India): (1995)
- 21) Fellow: Institute of Physics, London (2003)

Foreign Research exposure: Israel(2.5 years), Germany(3 years),South Korea (2.5 years), USA, Egypt, Switzerland, France, Poland, China, Japan, S, England, Srilanka, Nigeria, Saudi Arabia

Other information

Student Guidance: Ph. D: (Completed) 55

Working for Ph D: 08

After completion of Ph. D. students are working in different countries around the world such as USA, South Korea, Japan, Australia, Katar and many more and achieved some of the world's prestigious fellowships such as Ramanujan fellowship (India), DST-Inspire fellowship (India), JSPS fellowship (Japan), Korea National fellowship (South korea), Marie Curie fellowship, Alexander von Humboldt fellowship etc.

Research Collaborations at international level:

- 1) Florida Solar Energy Centre, USA (1993-1997),



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- 2) Hahn Meitner Institute, Germany (1996-onwards)
- 3) Korea Inst of Science and Tech, Seoul, Korea (2003 onwards)
- 4) Hanyang University, Seoul, Korea (2003 onwards)
- 5) Gifu University, Japan (2006 onwards)
- 6) Chonnam University, Korea (2008 onwards)
- 7) University of Nigeria, Nigeria,
- 8) Bengu University, Nigeria



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Short CV of Dr. Meghnad G Joshi



Ph.D. from department of Zoology, Shivaji University, Kolhapur, India in 2006. He Joined Karolinska Institute, Sweden as Postdoctoral fellow in 2007-2008 for fetal and adult hepatocyte transplantation studies. He worked for Sahlgrenska University Hospital, Department of transplantation surgery, Göteborg, Sweden from 2008-2010. In 2009, he was awarded with TTS New Key Opinion leader, Sweden. He has been appointed as a visiting Assistant professor by Kansas medical Center, USA since 2010 till 2012. He was a part of first tissue engineered tracheal transplant in Sahlgrenska University Hospital, Sweden. He has worked as the Lab director in StemOne Biologicals Pvt. Ltd from 2011-2012. Presently, he is working as Associate Professor, Department of Stem cells and Regenerative medicine, D.Y. Patil University, Kolhapur and he has 2 ongoing projects in his lab and 6 Ph.D. students working under his guidance. He is CMD of stem Plus Cryopreservation Pvt. Ltd a DCGI/FDA approved cord blood bank in Sangli, Maharashtra, India. He is BOS member, Zoology, Shivaji University, Kolhapur. His areas of research are stem cells, stem cell transplant, tissue engineering and 3D bioprinting. He has published more than 38 papers, 4 Book chapters and 6 patents.



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Short CV of Dr. Arpita Tiwari



| Sr. No | Degree | Year | Subject | University/Institute | % of marks |
|--------|-----------|------|----------------|---------------------------------------|---------------------------|
| 1 | Ph.D | 2016 | Human Genetics | D.Y Patil University, Kolhapur | Research Excellence Award |
| 2 | M.Sc | 2008 | Human Genetics | Punjabi University, Patiala | 76% (University Gold) |
| 3 | B. Sc | 2006 | Zoo, Bot, Che | D.D.U Gorakhpur University, Gorakhpur | 67% |
| 4 | CSIR- NET | 2010 | Life Sciences | CSIR, India | Rank 35 |
| 5 | CSIR- NET | 2011 | Life Sciences | CSIR, India | Rank 155 |

Work experience (in chronological order)

| Sr. No | Position held | Name of institute | From | To | Pay scale |
|--------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|-------------|
| 1 | Assistant Professor | Department of Stem Cell and Regenerative Medicine and Medical Biotechnology, D.Y.Patil University, Institution Deemed to be University, Kolhapur | 1 June 2019 | Present | 50,000/- PM |
| 2 | Assistant Professor | School of Nanoscience & Biotechnology, Shivaji University, Kolhapur, | January, 2016 | May 2019 | 21,600/- PM |



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| | | | | | |
|---|----------------------------------------------|------------------------------------------|----------|-----------------------|----------------------------|
| | r (Te mpo rary) | | | | |
| 3 | DST-JRF | D.Y Patil University, Kolhapur | Oct 2011 | March 2011 | 16,000/- PM+HRA |
| 4 | UGC -JRF | D.D.U Gorakhpur University, Gorakhpur | Mar 2009 | March 2010 | 8,000 /-PM +HRA |
| 5 | Assi stant Prof essor (Contract) | Punjabi University, Patiala | Aug 2008 | Mar ch 200 9 | 8,000 /-PM consolidated |

Publication: 20 research articles in national and International Journals & **Book chapters:** 6



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Short CV of Prof. R. G. Sonkawade



Prof. R. G. Sonkawade, i/c Head USIC, CFC & Coordinator SAIF-DST Centre, Shivaji University, Kolhapur-416 004

Former Dean, School for Physical Sciences, Former Head, Dept., of Applied Physics, Former Director, RCA Babasaheb Bhimrao Ambedkar University (Central University), Lucknow-25., Former Scientist, Inter University Accelerator Center

Pursued the Degree of Doctor of Philosophy from Hemwati Nandan Bahuguna University, Srinagar (Garhwal), Uttarakhand. Completed M.Sc. in Physics with specialization in Electronics in the year 1995 from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra State and also acquired post M. Sc. Diploma in Radiological Physics (DRP) from Bhabha Atomic Research Centre (BARC), Mumbai.

N.G.O (Non Government Organization): President, Arhant Education Research Development Foundation (Reg. N. MAH/5749/Ratnagiri, & Member, Tathagat Social Development Foundation (Reg.No. MAH/5748/Ratnagiri).

Contact Telephone: +91-231- 22609228 (Direct Line-Physics)

: +91-231- 22609171 (Direct Line-CFC)

Mobiles : 9763041193 (Maharashtra); 09968314294 (Delhi)

E-mail : sonkawade@gmail.com Website: www.sonkawade.com



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Last Positions held: Former Dean, School for Physical Sciences & Professor, Former Head, Dept., Of Applied Physics, Former Director (i/c), Residential Coaching Academy, Babasaheb Bhimrao Ambedkar University, (Central University), Vidya Vihar, Rae Bareli Road, Lucknow-226025, Uttar Pradesh.

Senior Scientist: Inter University Accelerator Centre (Formerly Nuclear Science Centre) [Research institute of University Grants Commission, New Delhi-110 067

Recently: Had the honour to be empanelled by the search committee for consideration to the post of Vice Chancellor, University of Mumbai, Mumbai.

Had the honour to be empanelled by the search committee for consideration to the post of Vice Chancellor, SRTMU, Nanded.

Had the honour to be empanelled by the search committee for consideration to the post of Director, IUAC, N. Delhi.

Had the honour to be empanelled by the search committee for consideration to the post Vice Chancellor, Homi Bhabha National State University, Mumbai.

Total experience at National Research Institute & University: ~24 Years

Expertise/Areas of Specialization:

- ❖ Material Sciences.
- ❖ Radiation Protection in the Accelerator/Environment.
- ❖ Radiation Dosimetry (Neutron and Gamma).
- ❖ Radiation Physics/Nuclear Geophysics.



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❖ Medical Physics.

Patents: 01 (3138/DEL/2010)

Publications:

113-publications have appeared in many reputed referred journals in the field of material sciences/radiation protection/radiation in environment. Published around 89 research papers in the refereed journals, 24 in the conference proceedings and 66 in the book of abstracts and 15 technical reports and actively delivering invited talks in various academic conference at National and International levels

Recognition and Awards

International Atomic Energy Agency (IAEA), Vienna, Austria has awarded me a grant of US \$3600 to facilitate the participation at the 10th International Conference on Environmental Remediation and Radioactive Waste Management, which was held at Glasgow, Scotland, UK.

Visiting Scientist Fellowship from Japan Society for Promotion of Sciences (JSPS), Japan. Worked at High Energy Accelerator Research Organization (KEK), 1-1 oho, Tsukuba-Shi, Ibaraki-Ken, 305, Japan from June to September, 2006.

Recognized guide at Jawaharlal Nehru University (JNU), N. Delhi for guiding Ph.D. students.

Recognized Co-guide at various Universities and NITs

Ph.D., awarded 09, Submitted 01.

Guiding 08-Ph.D. research scholars at present in the capacity of Guide.



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Membership/Affiliation and Positions held

- ❖ The International Nuclear Track Society (INTS)
- ❖ International Radiation Physics Society (IRPS)
- ❖ Indian Association of Radiation Protection (IARP)
- ❖ Nuclear Track Society of India (NTSI)

Positions

- ✚ Peer Team Member/Member Co-ordinator, National Assessment and Accreditation Council (NAAC), Bangalore for Universities and colleges assessment. From 2009 accredited many Universities, Colleges and Institutes.
- ✚ Member, General Council, National Institute for Hearing Handicapped, Mumbai, Govt., of India nominee from Ministry of Social Justice, Delhi [2014-2016]
- ✚ Patron, Nuclear Track Society of India (NTSI) [2013-2015].
- ✚ President, Nuclear Track Society of India (NTSI) [two terms for 04 years 2009-2013].
- ✚ Have served as the Organizing Secretary, Convener as well as a member of the Organizing Committees of various International & National conferences and workshops.
- ✚ UGC nominated member on various committees of different Universities to review the promotion of readers to professors under the Career Advancement Scheme (CAS). Various Universities of the country visited as a UGC observer.
- ✚ UGC nominated member of the Governing Board of various autonomous colleges.

Statutory Body Membership

- ✚ Member of Constitution of the Third Academic Council of Central University of Gujrat [2017].
- ✚ Member of Advisory Committee, Center for climate change at Central University of Gujrat [2016].
- ✚ Member, Research and Affiliation committee, Solapur University, Solapur [2015-2016]



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- ✚ Member, Board of Management at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from May 2012.
- ✚ Member, Finance Committee at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from 10/07/2010.
- ✚ Member, Board of Studies, University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi for a period of 2-years from 05/10/2010.
- ✚ Member, Planning board at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from 01/05/2009.
- ✚ Member, Governing Council, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- ✚ Member, Governing Board, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- ✚ Member, Finance Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- ✚ Member, Scientific Advisory Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- ✚ Member, Accelerator Users Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- ✚ Member, General council, Netaji Subhas Institute of Technology, N. Delhi-110 078 for a period of 3-years from May 2010.
- ✚ Member, Board of Management, Jain Vishva Bharti University (Deemed University), Ladnun, Rajasthan, (UGC nominee) for a period of 3-years from January 2009
- ✚ Member, Board of Management of the IIS University (Deemed University), Jaipur, Rajasthan, (UGC nominee) for a period of 3-years.
- ✚ Member, Planning & Monitoring Board of Vignan's Foundation for Science, Technology & Research, (Deemed University), Vadlamudi-522 213, Guntur (A.P.) (UGC nominee) for a period of 3-years.
- ✚ Member, Governing Council of High-Altitude Plant Physiology Research Centre of Hemwati Nandan Bahuguna Garhwal University, Uttarakhand, (UGC nominee) for a period of 3-years.



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- ✚ Member, Advisory Committee of Karpagam University, Karpagam Academy of Higher Education, Coimbatore (Tamil Nadu) for a period of 3-years.
- ✚ Member, Governing Board, Sadakatappa College (Autonomous College) Tirunelveli, Tamilnadu, for a period of 6-years from 2006-07.
- ✚ Member, Governing Board, Ambah College (Autonomous College) Ambah, Madhya Pradesh for a period of 6-years from 2006-07.
- ✚ Member, Academic Council, Prince Institute of Innovative Technologies, Gaziabad.

Chairman of Statutory Bodies:

- ✚ Chairman, Board for Post Graduate Studies (BPGS), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.
- ✚ Chairman, School Board, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.
- ✚ Chairman, Research Development Committee, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.

Other Assignments

- ✚ i/c Head, USIC, CFC, & Coordinator SAIF-DST Centre, Shivaji University, Kolhapur.
- ✚ Subject expert/nominee in different selection Committees on various academic and administrative posts in various researches institutes/State Universities and Central Universities.
- ✚ Nominated member of selection committees in various offices of Maharashtra State Government
- ✚ Chairman, University Level Purchase Committee, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow
- ✚ Chairman, Sports Advisory Committee, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow
- ✚ Member of SC/ST-roster preparation committees at different institutes.
- ✚ Approved member on various Institutes/Universities as Research Guide.



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- Member, Standing Committee on Administration and other committees of Inter University Accelerator Centre, N. Delhi.

Overseas assignments

Have visited many countries to present/participate papers and deliver/contribute Lectures on various occasions, like:

- Barcelona, Spain (Europe, 2004) (to attend the 22nd International Conference on Solid State Nuclear Track Detectors).
- Glasgow, Scotland (UK, 2005) (to attend the 10th International Conference on Environmental Remediation and Radioactive Waste Management).
- Japan (Asia, 2006) (visiting Scientist at High Energy Accelerator Research Organization).
- Belgium (Europe, 2007) (to attend the 11th International Conference on Environmental Remediation and Radioactive Waste Management).

Research Projects

1. Principal investigator of Research Project entitled "Synthesis and Characterization of $Zn_xCo_{3-x}O_4$ flexible thin film for supercapacitor application and its performance studies using synchrotron radiation" UGC-DAE Consortium from Scientific Research, Rs.90,000/- April, 2019.
2. Principal investigator of Research Project entitled "Effect of Swift Heavy Ion irradiation on Supercapacitor properties of Manganese Oxide/Conducting polymer thin film" Inter University Accelerator Center, Delhi, Rs.5,79,000 /-F. No. IUAC/XIII.7/UFR-60326 2nd August, 2016.
3. Principal Investigator of Research Project entitled "Effect of low and high energy Irradiation on metal conducting polymer composite films synthesized by electrochemical route" Inter University Accelerator Center, Delhi- University Grants Commission, N. Delhi-02 Rs.5,79,000/-F. No. IUAC/XIII.7/UFR-57320 February 23rd,2015.



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4. Principal Investigator of Research Project entitled “Estimation & Evaluation of Radon, Thoron in the Soil, Fly Ash and Radiation shielding materials and its systematic analysis with Gamma Spectrometry”, (University Grants Commission, N. Delhi-02 RS. 11,98,800, F.No.42-813/2013(SR) 21st March 2013).

5. Principal Co-Investigator of Research Project entitled “Characterization of Conducting Polymers and their Structural, Electrical, Optical Properties by using swift heavy ions”, Nuclear Science Centre, New Delhi, 2004 to date (UGC Funded University Projects).

6. Principal Co-Investigator of Research Project entitled “Development and Applications of Nuclear Track Filters using swift heavy ions” Inter University Accelerator Centre (UGC Funded University Projects)

7. Principal Co-Investigator of Research Project entitled “The study of Electrical, Optical and Structural properties of Irradiated Conducting Polymers” Inter University Accelerator Centre (UGC Funded University Projects)

8. Principal Co-Investigator of Research Project entitled “Study of Nano Scale Voids and free volume in heavy ion induced in conducting Polymers By-positron Annihilation Spectroscopy” Inter University Accelerator Centre (UGC Funded University Projects).

9. Principle Co-Investigator of Research Project entitled “Seismo-Tectonic Studies and Health Risk Assessments in the Himalayas with special emphasis on Radon and Helium Emission”. Department of Science and Technology, New Delhi, 2005. (DST/23(476)/SU/2004)



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3. Objectives

- ✚ To introduce the faculty, Department and Hospital facility to the new batch students of M.Sc. Medical Physics, Medical Biotechnology and Stem Cell and Regenerative Medicine.
- ✚ To visit the CIR Department Research facility and Hospital Simulation Centre

Description

- ✚ Dr. Arpita Pandey Tiwari: Introduced about the CIR list achievements which includes Faculties qualification and their potential contribution in research.
- ✚ Prof. R. G. Sonkawade: Detail Speech given by mentioning the last NAAC Committee report on our D Y Patil Education Society (Deemed to be University)
- ✚ Prof. Magnad Joshi: Welcomed the all first year students and gave the wishes.
- ✚ Prof. C.D. Lokhande: detail introduction given about CIR and D Y Patil Education Society (Deemed to be University)
- ✚ Dr. K. Mayakannan: Given vote of thanks

Outcomes

The following details are participants understood by this program

- ✚ Dr. Arpita Pandey Tiwari: Participants got the information about CIR list of achievements.
- ✚ Prof. R. G. Sonkawade: Participant's understood about the D Y Patil Education Society (Deemed to be University) quality through last NAAC reports.
- ✚ Prof. Magnad Joshi: Participants understood about the M.Sc courses 100 % placements and research opportunities
- ✚ Prof. C.D. Lokhande: Understood about CIR and D Y Patil Education Society (Deemed to be University), Kolhapur

Number of Participants: 88 (Ph. D/M. Sc Students, Faculties etc.,)



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4. Agenda and Activities



Department Of Stem Cell and Regenerative Medicine

Department of Medical Physics

Venue : Lecture hall, DY Patil Medical College

Time : 10:30 am

Welcome program 2023

| Programme | Time |
|-----------------------------------------------------------------------------------|-------------|
| Welcome | 1 min |
| Lamp Lightning | 5 min |
| Felicitation | 05 min |
| Speech by MSc students 1.Siddhant 2.Tejas | 05 min |
| 1. Speech of Dean CIR 2. Speech of Vice Chancellor 3. Speech of Chief guest | 20 min |
| Vote of thanks By Mayakannan sir | 1 min |
| National Anthem | 1 min |



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'CIR- Orientation Program'

Department of Medical Biotechnology
Department of Stem Cell and Regenerative Medicine
Department of Medical Physics

Venue: 7th Floor (CIR), D. Y. Patil Medical College Hospital, Kadamwadi
Time: 11.00 am to 03.30 pm

| Programme | Time |
|----------------------------------------------------------------------------------------------------------------|----------------------------|
| Welcome function | 11.00 AM -12.00 PM |
| Molecular Biology Lab (RT-PCR Lab)- Visit | 12.00 PM – 01.00 PM |
| Lunch | 01.00 PM -02.00 PM |
| Visits 1. Department of Anatomy 2. Radiology Department 3. Simulation Lab | 02.00 PM – 03.30 PM |



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5. Attendees

Date-19/08/2023

| Sr. No. | Name of the Faculty/Student | Designation | Sign |
|---------|-----------------------------|-------------|-----------|
| 1 | Mayuri R. Awate. | MSc MP II | Mayuri |
| 2 | Apurwa. Vhanhatti | -/- | Apurwa |
| 3 | Sakshi Gaware | -/- | Sakshi |
| 4 | Anjali Patil | -/- | Anjali |
| 5 | Manali Patil | MSc SCRM II | Manali |
| 6 | Ifat Mankar | "-" | Ifat |
| 7 | Shubhangi Patil | "-" | Shubhangi |
| 8 | Miss. Nadiyah xl Patel | Ph.D | Nadiyah |
| 9 | Misc. Najiya R Mulla | "-" | Najiya |
| 10 | Poojab Kamble | "-" | Poojab |
| 11 | Tejaswini Patil | "-" | Tejaswini |
| 12 | Sargun Bannari | "-" | Sargun |
| 13 | Tanjila Gavandi | "-" | Tanjila |
| 14 | Shivani Patil | "-" | Shivani |
| 15 | Rutuja Gambhir | "-" | Rutuja |
| 16 | Mayuri Ghate | "-" | Mayuri |
| 17 | Chaitali skinde | "-" | Chaitali |
| 18 | Pranoti kamble Apurvapatil | "-" | Pranoti |
| 19 | Radhika Jadhav | "-" | Radhika |
| 20 | Vishakha suryakant Parke | "-" | Vishakha |
| 21 | Sonal Patil | "-" | Sonal |
| 22 | Pooja kolekari | "-" | Pooja |
| 23 | Leena chaudhary | "-" | Leena |
| 24 | Aasha lothi | M.P. II | Aasha |
| 25 | Krushali Gurav | "-" | Krushali |
| 26 | Shraddha A. Pawar | Ph.D. | Shraddha |
| 27 | Pragati D. Sawant | MBT II | Pragati |
| 28 | Abhilasha Yadav | SCRM II | Abhilasha |
| 29 | Bhargya A. Kausale | Ph.D | Bhargya |
| 30 | Leena R. Chaudhari | Ph.D. | Leena |
| 31 | Anati S. Muttur. | MSc-SCRM I | Anati |
| 32 | Banati Bansode | MSc-I. MBT | Banati |
| 33 | Arushi N. Bhongale | MSc-I- MBT | Arushi |
| 34 | Pooja M. Gurav | "-" | Pooja |
| 35 | Mercene Roy | MSc-I- SCRM | Mercene |
| 36 | Nikita S. Harde | MSc-I- MBT | Nikita |



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| sr.no | Name of faculty / student | Designation | Sign |
|-------|---------------------------|-----------------|------|
| 37 | shradha B. Thorat | M.sc I - MBT | |
| 38 | J.P. Thosar | Ph.D. | |
| 39 | R. P. Nikam | Ph.D. | |
| 40 | Vishvajit Gurav | M.Sc II - | |
| 41 | Chaitanya Bhatke | M.Sc. II | |
| 42 | Subani Talole | M.Sc I (MP) | |
| 43 | Janhavi Deshmukh | M.Sc-I (MP) | |
| 44 | Tanya Phudnis | M.Sc I (MP) | |
| 45 | Sanika Kumbhar | M.Sc-I (MP) | |
| 46 | Nikita Patil | M. sc. I (MP) | |
| 47 | Ashwini Dable | M. sc I (MP) | |
| 48 | Neha Kumamebar | M.Sc II (S(RM)) | |
| 49 | Priya wadbar | M.Sc II (S(RM)) | |
| 50 | Raj Verma | M.Sc II (S(RM)) | |
| 51 | Shat. S. S. | | |
| 51 | Jaydeep Kambal | M.Sc II MP | |
| 52 | Sujit Bhatke | M.Sc II MP | |
| 53 | Vijay Sahni | M.Sc II MP | |
| 57 | Ujjwal Sinha | M.Sc II MP | |
| 58 | Muskaan Bhaskar | M.Sc. II MP | |
| 59 | Disha Upadhyay | II | |
| 60 | Pravin Bawake | M.Sc - II M.P | |
| 61 | Rampal Chauhan | M.Sc I M.P | |
| 62 | Anishkar Badhe | M.Sc II M.P | |
| 63 | Jagannesh F | M.Sc II M.P | |
| 64 | Rohit Sonar | M.Sc II M.P | |
| 65 | Yogesh M. Chitambar | Ph.D. | |
| 66 | Bagde Ajinkya Govindrao | Ph.D. | |
| 67 | Shradha Bandopant Bhosale | Ph.D. | |
| 68 | Sumita Suryakant Patil | Ph.D. | |
| 69 | Famseen M. Nejkare | Ph.D. | |
| 70 | Klot Sambheji Binkar | Ph.D. | |



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6. Content and Topics Covered

The following content and Topics Covered

- ✚ About the D. Y. Patil Education Society (Deemed to be University), Kolhapur, Maharashtra according to the current achievements and last NAAC report
- ✚ About the Center for Interdisciplinary Research (CIR) according to the current faculty achievements which includes patent, Copyright, Book chapters, Publications and awards etc.,
- ✚ Introduced about the D. Y. Patil Education Society (Deemed to be University), Kolhapur, Maharashtra and CIR to the all-new batch M. Sc Medical Physics, Stem Cell and Regenerative Medicine and Medical Biotechnology students.



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7. Learning Outcomes

The following details are participants understood by this program

- ✚ Dr. Arpita Pandey Tiwari: Participants got the information about CIR list of achievements.
- ✚ Prof. R. G. Sonkawade: Participant's understood about the D Y Patil Education Society (Deemed to be University) quality through last NAAC reports.
- ✚ Prof. Magnad Joshi: Participants understood about the M.Sc courses 100 % placements and research opportunities.
- ✚ Prof. C.D. Lokhande: Understood about CIR and D Y Patil Education Society (Deemed to be University), Kolhapur



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8. Feedback and Evaluations

The Feedback for the Orientation program was analyzed and it was revealed that the program was very much inspiring and useful for all the participants.



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9. Geotag Photographs



Thank You



**D. Y. PATIL EDUCATION SOCIETY
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22/08/2023

Certificate of Appreciation

This is to certify that Prof. R. G. Sonkawade, Department of Physics, Shivanji University, Kolhapur, Maharashtra, delivered a Speech to the M.Sc., Medical Physics, Stem Cell and Regenerative Medicine and Medical Biotechnology students on 19th Aug 2023 at 11:00 AM to 11.30 AM on this academic year Orientation Program. which was appreciated by the audience/students.

He deserves all the encouragement.

Program Coordinator

Dr. K. Mayakannan
Assistant Professor
Department of Medical Physics
D. Y. Patil Education Society
(Deemed to be University)
Kolhapur, Maharashtra.

Prof. Dr. C. D. Lokhande
Head of the Department
Department of Medical Physics
D. Y. Patil Education Society
(Deemed to be University)
Kolhapur, Maharashtra.
PROF. C. D. LOKHANDE
Research Director
D. Y. Patil Education Society
(Institution Deemed to be University)
869, 'E', Kasaba Bawada
KOLHAPUR- 416006



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Centre for Interdisciplinary Research (CIR)

ACTIVITY NAME: Guest Lecture
(X-ray Photoelectron Spectroscopy)

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Fundamentals and applications of X-ray Photoelectron Spectroscopy |
| Date | 6 th June 2023 |
| Name of Faculty Coordinator | Dr. Vijay Shamrao Kumbhar |
| Venue | CIR Seminar Hall, DY Patil Education Society, Kolhapur. |
| Objectives | <ul style="list-style-type: none">• To encourage students to understand the fundamentals of physics.• To improve upon research sample analysis. |
| Description | All the PhD students of CIR participated in the program. |
| Outcome | <ul style="list-style-type: none">• The students got motivation towards analyzing their research samples. |
| No. of participants | 50 |



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REPORT

X-ray Photoelectron Spectroscopy (XPS) Technique
(Scientific Techniques Improvement Program)

Organized by

Centre for Interdisciplinary Research (CIR)



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Centre for Interdisciplinary Research (CIR) of D. Y. Patil Education Society (Deemed to be University), Kolhapur had organized guest lecture on fundamentals and applications of X-ray photoelectron spectroscopy. The program was coordinated by Dr. Vijay Shamrao Kumbhar. Prof. Dr. Rupesh Devan was the speaker. Dr. Kumbhar introduced Prof. Dr. Rupesh Devan and requested him to guide the students. The Prof. Dr. Rupesh Devan nicely explained about the fundamentals and applications of XPS and common mistakes made by the students while analyzing their research data. Moreover, he encouraged the students. Overall, it was great experience to both the students and faculty. Finally, the session was concluded with the vote of thanks by Dr. Vijay S. Kumbhar.





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Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

Web: www.dypatilunikop.org, E-mail: info@dypatilkolhapur.org

Prof. C. D. Lokhande
Research Director & Dean

No. DYPES/CIR/2023/71

Date: -05/06/2023

NOTICE

On behalf of CIR, we cordially invite you to attend a Guest Lecture of **Dr. Rupesh S. Devan**, Associate Professor, IIT, Indore on “X-ray Photoelectron Spectroscopy (XPS) for Chemical Analysis of Nanomaterials” to be held on Tuesday 06th June 2023 at 2.30 pm.

Venue: -CIR Meeting Hall,

3rd Floor, D. Y. Patil Education Society,

Kolhapur.

Dr. V. S. Kumbhar
Convener

Prof. C. D. Lokhande
Chairman

Copy to:

1. PA to Chancellor
2. PA to Vice- Chancellor
3. Registrar Office
4. PA to Dean

ACTIVITY NAME: Guest lecture Online Code of Conduct

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Guest lecture on “Online Code of Conduct” |
| Date | 17 th May 2023 |
| Name of Faculty Coordinator | Dr. Roma A. Chougale |
| Venue | D. Y. Patil Medical College Kolhapur |
| Objectives | The main purpose of code of conduct is to set and maintain a standard for acceptable behavior to all students. |
| Description | Dr. Suresh K from J. J. M medical college, Davngere Karnataka department of Microbiology has delivered a Guest lecture on “Online Code of Conduct”. He told about Dress Code & Professional Behavior While Online Students are expected to be respectful of the online classroom environment with suggested dress similar to regular academic classes. They were advised to avoid noises in your environment such as dogs barking, family member conversations, TV sounds, whispering, chewing, sneezing, and tapping of pen or pencil, etc. so please keep distractions to a minimum and mute the microphone. |
| Outcome | Doubts were resolved Students participated actively in discussion as online code of conduct was a new concept for them. |
| No. of participants | 54 second MBBS students and 6 teaching faculty. |



| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | “Guest Lecture on Concepts of Radiation in Medical Physics” |
| Date & Time | 20 th April 2023 & 12.00 PM to 01:00 PM |
| Name of the Convener | Prof. C. D. Lokhande |
| Name of the Organizing Coordinator | Dr. K. Mayakannan |
| Venue | CIR Seminar Hall (Offline) |
| Objectives | <ul style="list-style-type: none"> ✚ To understand the basics of Radiation ✚ To understand the interaction of Radiation with matters ✚ To understand the various radiation therapy machines and its principle ✚ To Understand the advance particle therapy techniques. |
| Description | <ul style="list-style-type: none"> ✚ The speaker presented about the history of radiation in cancer therapy. ✚ Speakers covered about the various interaction of radiation with matter. ✚ Also speaker covered the high energy particle physics and its brag peaks applications |
| Outcome | ✚ Prof Sonkawade: Participants got the idea and aim of the program, detailed conveyed the basics of radiation therapy and interactions with matters and high energy particles brag peaks advantages. |
| No. of Participants | 40 (M. Sc Medical Physics, Faculties etc.,) |

| S. No | Content | Page Number |
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| 2 | Brochure | 5-6 |
| 3 | CV of the Speaker | 7-17 |
| 4 | Detailed Report | 18-21 |
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1. Guest Lecture Notice/Circular



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

(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)

Re-accredited by NAAC with 'A' Grade

NOTICE

This is to notify that department of Medical Physics, CIR has arranged an online (Microsoft team application) guest lecture on **“Concept of Radiation in Medical Physics”** on 20th April 2023 at 12.00 PM to 01.00 PM by R.G. Sonkawade, Department of Physics, Shivaji University Kolhapur.

Venue: CIR Meeting Hall, D Y Patil Education Society (Deemed to be University), Kolhapur

Date & Time: 20th April & 12.00 PM to 01.00 PM.

Attendance is compulsory for 1st and 2nd Year M. Sc Medical Physics Students.

Prof C D Lokhande

Research Director, CIR.

address: B69, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 | phone: (0231) 2601235-36
fax: (0231) 2601595 | email: info@dypatilkolhapur.org | website: www.dypatiluniko.org

2. Guest Lecture Brochure



**D. Y. PATIL
EDUCATION SOCIETY, KOLHAPUR**

(Institution Deemed to be University)
Declared listed U/S 3 of UGC Act 1956
Re-accredited by NAAC with 'A' Grade

Organized by
**Medical Physics, Centre for
Interdisciplinary Research (CIR), DYPES**

Workshop on

CONCEPTS OF RADIATION IN MEDICAL PHYSICS



Microsoft
Teams

Online Link:

tinyurl.com/2p8d25ep



Prof. R.G. Sonkawade

Dept. of Physics
Shivaji University, Kolhapur

3. CVs of Speaker

CURRICULUM VITAE



2021

Curriculum vitae

Prof. R. G. Sonkawade

i/c Head

**USIC, CFC & Coordinator
SAIF-DST Centre,
Shivaji University,
Kolhapur-416 004**

**Former Dean, School for
Physical Sciences,**

**Former Head, Dept., of
Applied Physics,**

**Former Director, RCA
Babasaheb Bhimrao
Ambedkar University
(Central University)**

Lucknow-25

**Former Scientist, Inter
University Accelerator Center**

CURRICULUM VITAE



Name : Dr. Rajendra Girjappa Sonkawade
Current Position : Professor
: i/c Head,
USIC, CFC & Coordinator SAIF-DST Centre.
Present Address : Department of Physics,
Shivaji University, Kolhapur-416 004(M.S.).
: USIC, CFC & Coordinator SAIF-DST Centre,
Shivaji University, Kolhapur-416 004(M.S.).
Contact Telephone: +91-231- 22609228 (Direct Line-Physics)
: +91-231- 22609171 (Direct Line-CFC)
Mobles : 9763041193 (Maharashtra); 09968314294 (Delhi)
E-mail : sonkawade@gmail.com Website: www.sonkawade.com

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Academics:

| Degree | University |
|---------------|------------------------------------------------------------------------------------------------------|
| B. Sc | Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India |
| M. Sc | Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India |
| Dip. R. P* | Bombay University, Mumbai, Maharashtra, India |
| Ph. D** | Hemwati Nandan Bahuguna University, (Central University) Tehri Grahwal, Srinagar, Uttarakhand, India |

***Dip. R.P: Post Diploma in Radiological Sciences, conducted by Bhabha Atomic Research Centre (BARC), Mumbai and the degree awarded by Bombay University, Mumbai.**

****Radon, thoron and helium studies in air, soil and ground water: Application to Geothermal Resources and Radiation Protection**

Education:

I was awarded the Degree of Doctor of Philosophy from HemwatiNandanBahuguna University, Srinagar (Garhwal), Uttarakhand. I completed my M.Sc. in Physics with specialization in Electronics in the year 1995 from Dr. BabasahebAmbedkarMarathwada University, Aurangabad, Maharashtra State and also acquired my post M. Sc. Diploma in Radiological Physics (DRP) from Bhabha Atomic Research Centre (BARC), Mumbai.

N.G.O (Non-Government Organization): President, Arhant Education Research Development Foundation (Reg. N. MAH/5749/Ratnagiri), & Member, Tathagat Social Development Foundation (Reg.No. MAH/5748/Ratnagiri).

Work Experience:

| Position | Institution | Tenure |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------|
| i/c Head | USIC & CFC, Shivaji University, Kolhapur-416 004, Maharashtra | Jan 2021 to till date |
| Professor | Department of Physics, Shivaji University, Kolhapur-416 004, Maharashtra | September 2014 to till date |
| Scientist | Inter University Accelerator Centre (Formerly Nuclear Science Centre), New Delhi-110 067 | June 2013 to September 2014 |
| Professor (Dean & Head) | Babasaheb Bhimrao Ambedkar University (A Central University), VidyaVihar, Rae Bareilly Road, Lucknow-226025, UP | June 2011 to June 2013 |

| | | |
|-------------------|------------------------------------------------------------------------------------------|---------------------------------|
| Scientist | Inter University Accelerator Centre (Formerly Nuclear Science Centre), New Delhi-110 067 | September 1997 to June 2011 |
| Medical Physicist | Sri Seshadri Reddy Cancer Hospital, Noida | February 1997 to September 1997 |
| Medical Physicist | Netaji Subhas Chandra Bose Cancer Hospital, Gurgaon- Aruna Road, Gurgaon, Noida. | October 1996 to January 1997 |

Total experience at National Research Institute & University ~24 Years

Specialty Areas of Specializations:

- ✦ Material Sciences.
- ✦ Radiation Protection in the Accelerator/Environment.
- ✦ Radiation Dosimetry (Neutron and Gamma).
- ✦ Radiation Physics/Nuclear Geophysics.
- ✦ Medical Physics.

Patents: 01 (SIIC)/TEL/20070

Publications:



consultations to be placed before National Education Policy (NEP) Task Force.

Recognition and Awards

- International Atomic Energy Agency (IAEA), Vienna, Austria has awarded me a grant of US \$5000 to facilitate the participation at the 10th International Conference on Environmental Remediation and Radioactive Waste Management, which was held at Glasgow, Scotland, UK.
- Visiting Scientific Fellowship from Japan Society for Promotion of Sciences (JSPS), Japan-Woodcock High Energy Accelerator Research Organization (KEK), 1-1 shin, Tsukuba-shi, Ibaraki-Ken, 305, Japan from June to September, 2004.
- Recognized guide at Jawahar Lal Nehru University (JNU), N. Delhi for guiding Ph.D. students.
- Recognized Co-guide at various Universities and IITs
- Ph.D., awarded 07, Submitted 01.

➤ ~~Recognized as a member of the committee for the award of the~~

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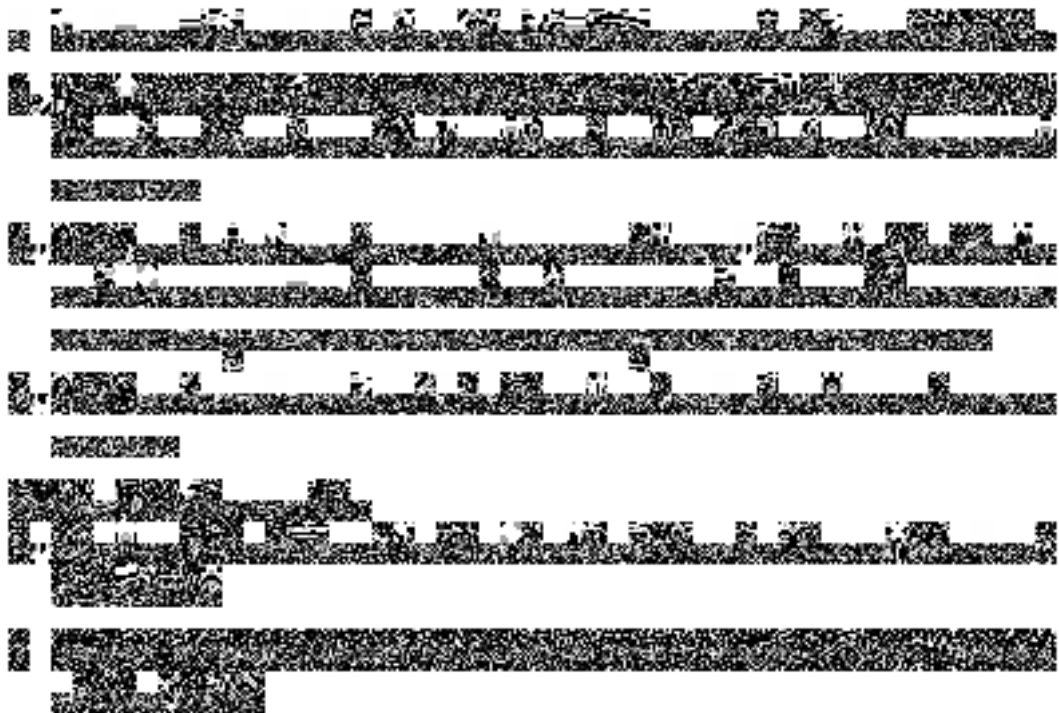
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- Member, Research and Affiliations committee, Sikkim University, Sikkim (2019-2020)
- Member, Board of Management of Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 3 years from May 2012.
- Member, Finance Committee of Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 4 years from 10/07/2010.
- Member, Board of Studies, University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi for a period of 2 years from 05/10/2010.
- Member, Planning Board of Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow for a period of 2 years from 01/05/2009.
- Member, Governing Council, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3 years from November 2010.
- Member, Governing Board, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3 years from November 2010.

- Member, Finance Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- Member, Scientific Advisory Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- Member, Accelerator User Committee, Inter University Accelerator Centre (formerly Nuclear Science Centre), N. Delhi for a period of 3-years from November 2010.
- Member, General Council, Manoj Kumar Institute of Technology, N. Delhi-110073 for a period of 3-years from May 2010.
- Member, Board of Management, Jain Vishva Vastu University (Deemed University), Indore, Rajasthan. (UGC notified) for a period of 3-years from January 2010.
- Member, Board of Management of IIS University (Deemed University), Jaipur, Rajasthan.

20 [REDACTED]

21 [REDACTED]

22 [REDACTED]

23 [REDACTED]

24 [REDACTED]

Chairman of advisory Bodies:

- Chairman, Board for Post Graduate Studies (BPGS), Babasaheb Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.
- Chairman, School Board, Babasaheb Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.
- Chairman, Research Development Committee, Babasaheb Ambedkar University (A Central University), Lucknow for a period of 3-years from August 2011.

Other Assignments:

- Vice Head, UGC, CFC, & Controller JRF-DAT Centre, JNU, New Delhi.
- Subject expert/member in different selection Committees on various academic and administrative posts in various research institutes/State Universities and Central Universities.

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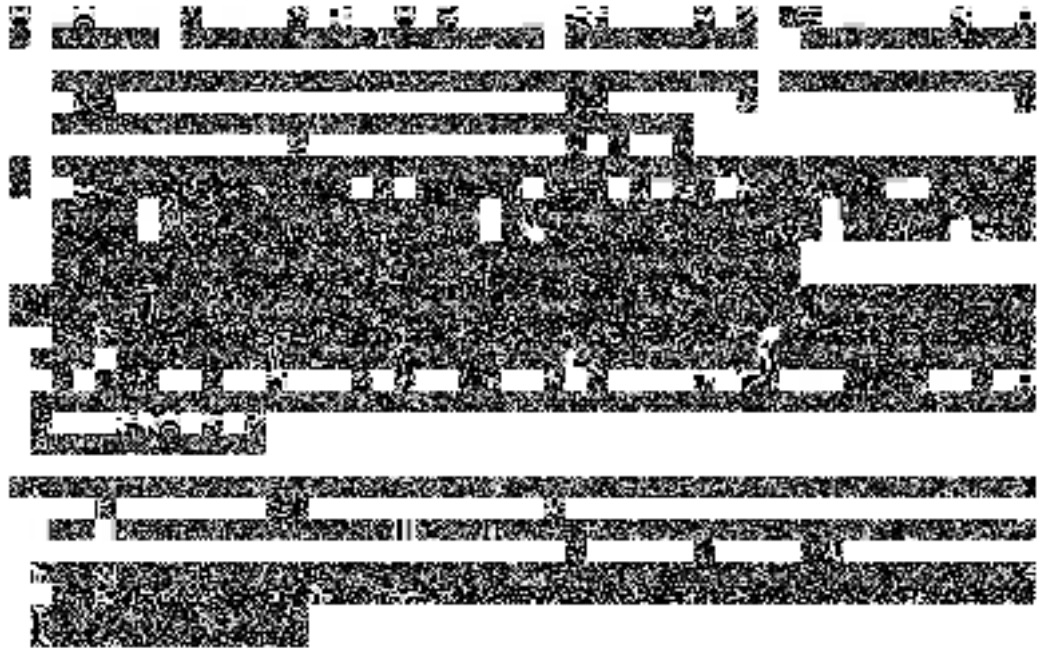
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polymer with IITM Pune University Accelerator Center, UoA, INDIA 411 008 (F. No. UAC/2017/UPA 6622) 2nd August, 2016.

3. Principal Investigator of Research Project entitled "Effect of low and high energy irradiation on metal ion doped polymer composite films synthesized by electrochemical route" IITM University Accelerator Center, Pune University Grants Commission, U. DAINIC2 No. 29/2002-F. No. UAC/2017/UPA-67220 February 22nd, 2016.
4. Principal Investigator of Research Project entitled "Synthesis & Polymerization of Rods, Tubes in the Sol, by Ase and Radiation induced monomers and its systematic analysis with Gamma Spectroscopy". University Grants Commission, N. Delhi-02 No. 11/S4/160, P.No-12 818/2015 (54) 21st March 2016.
5. Principal Co-Investigator of Research Project entitled "Characterization of Conducting Polymers and their Structural, Electrical, Optical Properties by using soft heavy ion". Nuclear Science Centre, New Delhi, India in collaboration (UKFC Funded University Project).



4. Report

REPORT

On

Invited Guest Lecture topic entitled on “Concepts of Radiation in Medical Physics”.

20th April 2023



Organized by

Department of Medical Physics,

Center for Interdisciplinary Research,

D.Y. Patil Education Society (Deemed to be University) Kolhapur.

Preamble

Higher education institutes were established to train students well in the branch/Department of admission, have a holistic outlook, and have a desire to work for the national needs and beyond. The graduation students must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Guest Lecture

- ✚ To understand the basics of Radiation
- ✚ To understand the interaction of Radiation with matters
- ✚ To understand the various radiation therapy machines and its principle
- ✚ To Understand the advance particle therapy techniques.

Outcome of the Webinar

- ✚ **Prof Sonkawade:** Participants got the idea and aim of the program, detailed conveyed the basics of radiation therapy and interactions with matters and high energy particles brag peaks advantages.

REPORT

The Department of Medical Physics from D.Y. PATIL EDUCATION SOCIETY, DEEMED TO BE UNIVERSITY, KOLHAPUR, has organized the “Guest lecture” during 20th April 2023. The main objective of this workshop was to discuss the “Concepts of Radiation in Medical Physics”. The total 40 participants including 1st and 2nd Year of M. Sc Medical Physics and faculty members of Department are attended the lecture in through offline at CIR Meeting Hall

The lecture was started by introducing the speaker by Dr. K. Mayakannan, coordinator of the lecture.

The lecture featured “**Concepts of Radiation in Medical Physics**”. The historical developments of Radiation Therapy, Various interaction of radiation with matters, and Brag Peak Particle therapy advantages are detailed to the audience.

We are thankful to Dr. V.V. Bhosale, Registrar for support, encouragement. Last, but not the least, due to the efforts from the CIR staff the lecture has turned to be a grand success.

The program was concluded with felicitation by Dr. K. Mayakannan

5. Attendance

Workshop on Concepts of Radiation in Medical Physics

Speaker: Prof Sonkawade, Assistant Professor, Department of Physics, Shivaji University, Kolhapur

Topic: Concepts of Radiation in Medical Physics

Venue: CIR Seminar Hall, D Y Patil Education Society (Deemed to be University), Kolhapur

Date & Time: 20th April 2023 & 12.00 AM to 01.00 PM

Attendance

| S. No | Student Name | Year of Study | Department | Signature |
|-------|------------------------------|----------------------|-----------------|-----------|
| 1 | AASHA LODHI | 1 st Year | Medical Physics | Aasha |
| 2 | AWATE MAYURI RAJGONDA | 1 st Year | Medical Physics | Mayurid |
| 3 | BADHE AVISHKAR NITIN | 1 st Year | Medical Physics | Avishkar |
| 4 | BAWAKE PRAVIN SANDIP | 1 st Year | Medical Physics | Pravin |
| 5 | BHAKHAR MUSKAN CHETANBHAI | 1 st Year | Medical Physics | Muskan |
| 6 | BHALKE CHAITANYA RAMDAS | 1 st Year | Medical Physics | Chaitanya |
| 7 | GAWARE SAKSHI LAXMAN | 1 st Year | Medical Physics | Sakshi |
| 8 | GURAV VISHWAJIT YOGESH | 1 st Year | Medical Physics | Gurav |
| 9 | GURAV VRUSHALI ANANDRAO | 1 st Year | Medical Physics | Gurav |
| 10 | JAGANESH P | 1 st Year | Medical Physics | Jaganesh |
| 11 | KALBUT SIDDHESH YUVRAJ | 1 st Year | Medical Physics | Kalbut |
| 12 | KAMBLE JAYDEEP BHALCHANDRA | 1 st Year | Medical Physics | Jaydeep |
| 13 | PAL ANJALI MOHANLAL | 1 st Year | Medical Physics | Anjali |
| 14 | RAMPAL CHAUHAN | 1 st Year | Medical Physics | Rampal |
| 15 | SONAR ROHIT KUMAR | 1 st Year | Medical Physics | Rohit |
| 16 | SUJIT MHASKE | 1 st Year | Medical Physics | Sujit |
| 17 | UJJWAL SINHA | 1 st Year | Medical Physics | Ujjwal |
| 18 | UPADHYAY DISHA PANKAJBHAI | 1 st Year | Medical Physics | Disha |
| 19 | VHANKATTI APURWA SHIVSHANKAR | 1 st Year | Medical Physics | Apurwa |
| 20 | VIKAS SAHNI | 1 st Year | Medical Physics | Vikas |
| 21 | ALWIN JOSE | 2 nd Year | Medical Physics | Alwin |
| 22 | AMAN KUMAR | 2 nd Year | Medical Physics | Aman |
| 23 | SHIVANI BACHHAV | 2 nd Year | Medical Physics | Shivani |
| 24 | MAYA BHUJBAL | 2 nd Year | Medical Physics | Maya |
| 25 | SHWETA DAHAKE | 2 nd Year | Medical Physics | Shweta |
| 26 | ANUPAM KADAM | 2 nd Year | Medical Physics | Anupam |
| 27 | KARTHICK G | 2 nd Year | Medical Physics | Karthick |
| 28 | SAURAV KASHID | 2 nd Year | Medical Physics | Saurav |
| 29 | JAIDEEP KHADKE | 2 nd Year | Medical Physics | Jaideep |
| 30 | AMOL KOLEKAR | 2 nd Year | Medical Physics | Amol |
| 31 | ANURAG KULKULEWAR | 2 nd Year | Medical Physics | Anurag |
| 32 | HARSHAL MALWADE | 2 nd Year | Medical Physics | Harshal |
| 33 | KAUSHIK PATIL | 2 nd Year | Medical Physics | Kaushik |
| 34 | RADHIKA PATIL | 2 nd Year | Medical Physics | Radhika |
| 35 | VIKAS S KAPOOR | 2 nd Year | Medical Physics | Vikas |
| 36 | SHALINI SAHANI | 2 nd Year | Medical Physics | Shalini |
| 37 | SOHAIL ALAM | 2 nd Year | Medical Physics | Sohail |
| 38 | VISHAL LONDE | 2 nd Year | Medical Physics | Vishal |

6. Program Screen Shots



7. Thank You

| | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | “Guest Lecture on An Overview of Medical Imaging” |
| Date & Time | 18 th April 2023 & 12.00 PM to 01:00 PM |
| Name of the Convener | Prof. C. D. Lokhande |
| Name of the Organizing Coordinator | Dr. K. Mayakannan |
| Venue | CIR Seminar Hall + Online Meeting Application-Microsoft team |
| Objectives | <ul style="list-style-type: none"> ✚ To understand the basics of imaging ✚ To understand the various imaging machines (X-ray, CT, MRI, PER, SPET, Gamma Camera, Mammogram etc.,) ✚ To Understand the quality maintenance of the imaging machine |
| Description | <ul style="list-style-type: none"> ✚ The speaker presented about the history of anatomical imaging. ✚ Speakers covered about the important of imaging procedure and machine working principles ✚ Also speaker covered the advantages and disadvantages of the each imaging machines |
| Outcome | <ul style="list-style-type: none"> ✚ Prof K Thayalan: Participants got the idea and aim of the program, detailed conveyed the basics of each imaging machines and its advantages and disadvantages. |
| No. of Participants | 40 (M. Sc Medical Physics + MIRT Students, Faculties etc.,) |

| S. No | Content | Page Number |
|--------------|-------------------------------|--------------------|
| 1 | Guest Lecture Notice/Circular | 3-4 |
| 2 | CV of the Speaker | 5-8 |
| 3 | Detailed Report | 9-12 |
| 4 | Attendance | 13-15 |
| 5 | Remuneration | 16-18 |
| 6 | Program Screen Shots | 19-20 |
| 7 | Thanking You | 21 |

1. Guest Lecture Notice/Circular



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

(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)
Re-accredited by NAAC with 'A' Grade

NOTICE

This is to notify that department of Medical Physics, CIR has arranged guest a lecture on **"An Over View of Medical Imaging"** on 18th April 2023 at 11.30 AM to 01.00 PM by **Prof K Thayalan**, MSc, DipRp (BARC), MPhil, PhD, FUICC, FIMSA, FUSI, Professor (Retd), Madras Medical College, Head, Medical Physics Division and Medical Cyclotron Facility, Dr. Kamakshi Memorial Hospital, Chennai, Tamil Nadu, India.

Venue: CIR Meeting Hall, D Y Patil Education Society (Deemed to be University), Kolhapur

Date & Time: 18th April & 11.30 AM to 01.00 PM.

Attendance is compulsory for 1st and 2nd Year M. Sc Medical Physics Students.

Prof C D Lokhande

Research Director, CIR.

address: 869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 | phone: (0231) 2601235-36
fax: (0231) 2601595 | email: info@dypatilkolhapur.org | website: www.dypatilunikop.org

2. CVs of Speaker

CURRICULUM VITAE



Prof. Kuppusamy Thayalan

M.Sc., Dip.R.P (BARC), M.Phil., P.hD., D.Sc (Hons).

D.O.B: 25-06-1954, Mobile: 9444157900/9940162728, E-Mail: kthayalan@ gmail.com

1.Current designation: Head Medical Physics Division, Dr. Kamakshi Memorial Hospital Pvt. Ltd. Chennai.

2.Professional Journey: Assistant Professor & Professor, Rajiv Gandhi Government General Hospital& Madras Medical College (1982-2012), Diploma in radiological physics & Hospital Physics (1984-1985), Master of science, Annamalai University (1976-78).

3.Areas of interest: Radiation safety, Brachytherapy, radiation biology

4. Publications: 37, Presentations: 74, Invited talks: 161

5. Author of books: 10

- Text book of Radiological safety (2ed, under Print),
- The Physics of Radiation Oncology (Under Print)
- Medical X-ray film processing (2ed)
- Basic Radiological Physics (2ed)
- The Physics of Radiology & imaging
- Handbook of Radiobiology
- Bio-Medical Physics for Nurses
- Physics of Medical Lab technology
- Patient manual for radiation therapy
- Hand book of Radiation safety for hospitals /Health care institutions

6. Awards & Fellowship

- Fellow of Indian College of Radiation Oncology (ICRO), 38th Annual conference of radiation Oncologists of India (AROI), Bhuvaneswar, November 24-27,2016
- Best Fellowship award (Best Medical International, Inc.), World congress of Brachytherapy, San Fransisco, California, USA, June 27-29,2016
- Paniparrattu certificate, Dean, Madras Medical College. Chennai, June 30,2012
- Certificate of appreciation, Dr Kamakshi Memorial Hospital P Ltd. Chennai, 2011 and 2022
- Prof. Rethinasabapathy endowment Oration and Citation, Association of Medical Physicists of India (AMPI), TN&P Chapter, Coimbatore, August 21,2010
- Fellow of International Academy of Medical sciences (FIMSA),2007
- Fellow of the Ultrasonic Society of India (FUSI),2009
- Fellow of International Union against cancer (UICC),1997, (International cancer Technology Transfer Fellowship (ICRETT)- Harper Hospital & Wayne State University, Detroit, USA, Under Prof. C.G.Orton).
- J.F.Bryant (Physics) Prize for securing First rank, M.Sc.Annamalai University(1978).

7. Honorary positions:

- President, Indian Brachytherapy Society (IBS)
- Adjunct Faculty: Manipal academy of Higher Education, Manipal
- Principal, Dr.Kamakshi Institute of Medical sciences & Research (KIMSR)
- Founder& Trustee: Radiologic physics foundation
- Founder & Secretary: Vizhuthugal Narpani Mantram

8. Board of Study/RAC Member:

- The Tamil Nadu Dr.M.G.R. Medical University & IIT Madras
- Chettinad University, Chennai & Bharathidasan University,Trichirapally,
- NGP arts and science college & Bharathiyar University, Coimbatore,
- Sri Ramachandra University, Chennai
- VIT University, Vellore & University of Madras, Chennai

9.Expert member:

- Rajasthan Public Service commission, Ajmer,
- Sanjay Gandhi Post graduate institute of Medical sciences, Lucknow
- Chatrapati Shahuji Maharaj Medical University, UP, Lucknow,
- Periyar University, Salem
- Task group member Atomic Energy Regulatory Board

10. Journal Referee

- The Journal of Medical Physics, Mumbai
- Journal of cancer research and therapeutics, Mumbai,
- Editorial board Member: Contemporary Journal of Brachytherapy, Poland
- Advisor editorial board, Medical dosimetry Journal, USA

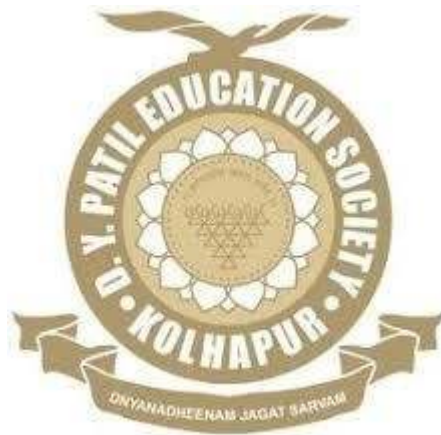
3. Report

REPORT

On

Invited Guest Lecture topic entitled on “An Overview of Medical Imaging”.

18th April 2023



Organized by

Department of Medical Physics,

Center for Interdisciplinary Research,

D.Y. Patil Education Society (Deemed to be University) Kolhapur.

Preamble

Higher education institutes were established to train students well in the branch/Department of admission, have a holistic outlook, and have a desire to work for the national needs and beyond. The graduation students must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Guest Lecture

- ✚ To understand the basics of imaging
- ✚ To understand the various imaging machines (X-ray, CT, MRI, PER, SPET, Gamma Camera, Mammogram etc.,)
- ✚ To Understand the quality maintenance of the image

Outcome of the Webinar

- ✚ **Prof K Thayalan:** Participants got the idea and aim of the program, detailed conveyed the basics of each imaging machines and its advantages and disadvantages.

REPORT

The Department of Medical Physics from D.Y. PATIL EDUCATION SOCIETY, DEEMED TO BE UNIVERSITY, KOLHAPUR, has organized the “Guest lecture” during 18th April 2023. The main objective of this workshop was to discuss the “An overview of Medical Imaging”. The total 40 participants including 1st and 2nd Year of M. Sc Medical Physics and MIRT students, and faculty members of Department are attended the lecture in through online (Microsoft team application).

The lecture was started by introducing the speaker by Dr. K. Mayakannan, coordinator of the lecture.

The lecture featured “**An overview of Medical Imaging**”. The imaging historical developments and various imaging machines starting from simple X- ray, Computed Tomography, Magnetic Resonance Imaging, Gamma Camera, Positron Emission Tomography, and Single Positron Emission Tomography etc., detailed to the audience.

We are thankful to Dr. V.V. Bhosale, Registrar for support, encouragement. Last, but not the least, due to the efforts from the CIR staff the lecture has turned to be a grand success.

The program was concluded with felicitation by Dr. K. Mayakannan

4. Attendance

Prof K Thayalan Guest Lecture

Topic: An Overview of Medical Imaging

Venue: CIR Seminar Hall, D Y Patil Education Society (Deemed to be University), Kolhapur

Date & Time: 18th April 2023 & 11.30 AM to 01 PM

Attendance

| S. No | Student Name | Year of Study | Department | Signature |
|-------|------------------------------|----------------------|-----------------|------------|
| 1 | AASHA LODHI | 1 st Year | Medical Physics | Aasha |
| 2 | AWATE MAYURI RAJGONDA | 1 st Year | Medical Physics | Mayuriti |
| 3 | BADHE AVISHKAR NITIN | 1 st Year | Medical Physics | Avishkar |
| 4 | BAWAKE PRAVIN SANDIP | 1 st Year | Medical Physics | Pravin |
| 5 | BHAKHAR MUSKAN CHETANBHAI | 1 st Year | Medical Physics | Muskan |
| 6 | BHALKE CHAITANYA RAMDAS | 1 st Year | Medical Physics | Chaitanya |
| 7 | GAWARE SAKSHI LAXMAN | 1 st Year | Medical Physics | Sakshi |
| 8 | GURAV VISHWAJIT YOGESH | 1 st Year | Medical Physics | Gurav |
| 9 | GURAV VRUSHALI ANANDRAO | 1 st Year | Medical Physics | Gurav |
| 10 | JAGANESH P | 1 st Year | Medical Physics | Jaganesh |
| 11 | KALBUT SIDDHESH YUVRAJ | 1 st Year | Medical Physics | Kalbut |
| 12 | KAMBLE JAYDEEP BHALCHANDRA | 1 st Year | Medical Physics | Jaydeep |
| 13 | PAL ANJALI MOHANLAL | 1 st Year | Medical Physics | ABSENT |
| 14 | RAMPAL CHAUHAN | 1 st Year | Medical Physics | Rampal |
| 15 | SONAR ROHIT KUMAR | 1 st Year | Medical Physics | ABSENT |
| 16 | SUJIT MHASKE | 1 st Year | Medical Physics | Sujit |
| 17 | UJJWAL SINHA | 1 st Year | Medical Physics | Ujjwal |
| 18 | UPADHYAY DISHA PANKAJBHAI | 1 st Year | Medical Physics | Disha |
| 19 | VHANKATTI APURWA SHIVSHANKAR | 1 st Year | Medical Physics | Apurwa |
| 20 | VIKAS SAHNI | 1 st Year | Medical Physics | Vikas |
| 21 | ALWIN JOSE | 2 nd Year | Medical Physics | Alwin |
| 22 | AMAN KUMAR | 2 nd Year | Medical Physics | Aman Kumar |
| 23 | SHIVANI BACHHAV | 2 nd Year | Medical Physics | Shivani |
| 24 | MAYA BHUJBAL | 2 nd Year | Medical Physics | ABSENT |
| 25 | SHWETA DAHAKE | 2 nd Year | Medical Physics | ABSENT |
| 26 | ANUPAM KADAM | 2 nd Year | Medical Physics | Anupam |
| 27 | KARTHICK G | 2 nd Year | Medical Physics | Karthick |
| 28 | SAURAV KASHID | 2 nd Year | Medical Physics | Saurav |
| 29 | JAIDEEP KHADKE | 2 nd Year | Medical Physics | Jaideep |
| 30 | AMOL KOLEKAR | 2 nd Year | Medical Physics | Amol |
| 31 | ANURAG KULKULEWAR | 2 nd Year | Medical Physics | Anurag |
| 32 | HARSHAL MALWADE | 2 nd Year | Medical Physics | Harshal |
| 33 | KAUSHIK PATIL | 2 nd Year | Medical Physics | ABSENT |
| 34 | RADHIKA PATIL | 2 nd Year | Medical Physics | Radhika |
| 35 | VIKAS S KAPOOR | 2 nd Year | Medical Physics | Vikas |
| 36 | SHALINI SAHANI | 2 nd Year | Medical Physics | Shalini |
| 37 | SOHAIL ALAM | 2 nd Year | Medical Physics | Sohail |
| 38 | VISHAL LONDE | 2 nd Year | Medical Physics | Vishal |

- 1 Kunal Krishna Deshmukh
- 2 Rutik Krishna Kadam
- 3 Nishant Narendra Rutode
- 4 Harshad Sanjay Khadke
- 5 Pooja Pooja Pooja
- 6 Sayali Sanjay Pawar
- 7 Sayali Ashok Divase

K.K. Deshmukh

~~Rutik~~

~~Rutode~~

~~Khadke~~

~~Pooja~~

~~Pawar~~

Divase-SA

5. Remuneration

From

19-04-2023

Dr. K. Mayakannan

Assistant Professor, Department of Medical Physics

CIR, D.Y. Patil Education Society (Deemed to be University), Kolhapur

To

The Registrar

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

Subject: Remunerations Request-One Guest Lecture by Prof K Thayalan on 18th April 2023- Reg.,

Respected Sir,

The Medical Physics department, CIR has arranged one online guest lecture from Prof K Thayalan on 18th April 2023 at 11.30 am to 01.00 pm on the topic of "An overview of Medical Imaging". M. Sc Medical Physics and MIRT students were benefitted by the lecture (40 students). Hereby I am requesting you the remuneration of Rs. 2000/- for this above lecture.

This is for your kind approval and further necessary action.

| S. No | Name of the Invited Speaker | Name of the Bank | Account Number | IFSC Code | Branch | Amount (Rs) |
|--------------|-----------------------------|------------------|----------------|-------------|-----------------------|-------------|
| 1 | Prof K Thayalan | SBI | 102735411422 | SBIN0016558 | Pallikaranai, Chennai | 2000 |
| Total | | | | | | 2000 |

(Rupees two thousand only)



Yours Sincerely
K. Mayakannan / April / 2023
(K. Mayakannan)

Attachments: Guest lecture circular + Students attendance list + Lecture screenshot + CV of the lecturer.

12:11 PM

4.8KB/s



Thayalan K

Account No: State Bank of India 1422



Thayalan K

Joined April 2023

12:12 PM

Payment to Thayalan

DYP Kolhapur Lecture Remuneration

₹2,000

✓ Paid - 12:12 PM



Repeat payment

Energy earned in Indi-Home

Pay

6. Program Screen Shots



7. Thank You



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Reaccredited by NAAC with 'A' Grade

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**Department of Stem Cell and Regenerative Medicine (SCRM),
Centre for Interdisciplinary Research (CIR)**

ACTIVITY NAME: Industrial Visit

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Industry: | iSERA Biological Pvt Ltd., Shirala |
| Date of Visit | Thursday, April 13th, 2023 |
| Full Address of Industry | iSERA Biological Pvt Ltd., S.No. 50/1A & 50/2A, Opp. Wallnett Bricks, Ar-Shivani, Post-Shirala, MIDC Shirala, Dist-Sangli, 415408, M.S. India |
| Name of Faculty Coordinator | Dr. Shivaji Kashte |
| Objectives | <ul style="list-style-type: none">• To make aware MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students about various techniques in iSERA for product development and purification• To develop competitive excellence among Students and to explore them to fitting need of industries• To provide a platform to interact with experts from industry |
| Description | All the students visited the facilities and had a brief discussion with the industry staff. |
| Outcome | <ul style="list-style-type: none">• Participants got exposure to interact with experts in the field of Antivenom production and Purification techniques, Polyclonal antibody development for various diseases• Participants acquired detailed knowledge about Antivenom production and Purification techniques, Polyclonal antibody development for various diseases |
| No. of participants | 13 |



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“Industrial Visit”

April 13th, 2023

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| 2. | Detailed Report | 05-07 |
| 3. | Photographs | 08-11 |
| 4. | Attendance | 12-13 |



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“Industrial Visit”

April 13th, 2023

Detailed Time table of the program

| <i>Activity</i> | <i>Time</i> |
|----------------------------------------------------|-----------------------------|
| <i>Reporting time to all participants</i> | <i>08:30 am</i> |
| <i>Leaving to Shirala from Kolhapur</i> | <i>09: 00 am</i> |
| <i>Visit to iSERA Biological Pvt Ltd., Shirala</i> | <i>10:00 am to 01:30 pm</i> |
| <i>Arriving back to Kolhapur</i> | <i>03: 30 pm</i> |




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**D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR**
(INSTITUTION DEEMED TO BE UNIVERSITY)
Re-accredited by NAAC with 'A' Grade

Dr. Shivaji B. Kashite
(M.Sc., Ph.D.), Assistant Professor,
Department of Stem Cell & Regenerative Medicine,
Centre for Interdisciplinary Research

Central Research Lab, 4th Floor, Dr. D. Y. Patil Medical College
Hospital and Research Centre, Kadambwadi, Kolhapur - (MH), India
416003
Mob. +91 9928757493 E-mail: Shivajikashite@dyepatilsociety.org

Date: 31 March 2023

To,
The Registrar,
D. Y. Patil Education Society (Deemed to
Be University), Kolhapur 416006.

Sub: a) Approval for industrial visit to ISERA Biological Pvt Ltd., Shirala
b) Arrangement of bus/vehicle for travel of participants

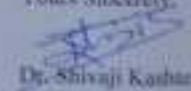
Respected Sir,

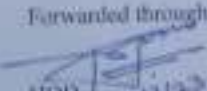
We are planning an industrial visit at ISERA Biological Pvt Ltd., Shirala for M.Sc. Medical Biotechnology and M.Sc. Stem Cell and Regenerative Medicine first year students as a part of academics. We are also having MOU with ISERA PVT LTD., Shirala. Students will get exposure to the Molecular biology, anti-venom, anti-toxins and antiviral products related operations carried out at ISERA Biological Pvt Ltd., Shirala.


Number of Participants:
13 students + 2 Faculties (Dr. S.B. Kashite, Dr. A.K. Jadhav/Dr. A.P. Tiwari) = 15 Total
Date of Visit- 13th April, Thursday, 2023.

A bus/vehicle carrying 15 passengers is required for the visit. It will be a one-day visit, starting 10:00 am and coming back to Kolhapur around 5:00 pm. So, we request for arrangement of a bus.

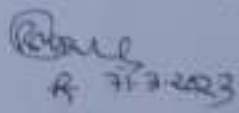
Kindly give the permission for industrial visit along with university bus/vehicle.
Thanking you

Yours Sincerely,

Dr. Shivaji Kashite

Forwarded through

HOD
SCRM
31/3/23


Registrar
31/3/2023

• Visit approved
• Pl. see the availability of the vehicle.


R. 31/3/2023



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REPORT

On

“Industrial Visit”

April 13th, 2023

Organized by

Department of Stem Cell and Regenerative Medicine (SCRM),

Centre for Interdisciplinary Research (CIR).



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR

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Preamble

Higher education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Program

- *To make aware MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students about various techniques in iSERA for product development and purification*
- *To develop competitive excellence among Students and to explore them to fitting need of industries*
- *To provide a platform to interact with experts from industry*

Outcome of the Program

- *Participants got exposure to interact with experts in the field of Antivenom production and Purification techniques, Polyclonal antibody development for various diseases*
- *Participants acquired detailed knowledge about Antivenom production and Purification techniques, Polyclonal antibody development for various diseases*



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR **(Deemed to be University)**

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Report

In accordance with the objectives stated above, Department of Stem Cell and Regenerative Medicine, Centre of Interdisciplinary Research, has organized “Industrial Visit at iSERA Biological Pvt Ltd., Shirala” on April 13th, 2023.

We have started our journey at 09:00 am from D. Y. Patil Education Society (Institution Deemed to be University) and reached to Shiral at around 10.00 am. We have reached to iSERA Biological Pvt Ltd., Shirala around 10.10 am. We visited the facility and interacted with the staff of to iSERA Biological Pvt Ltd., Shirala. to iSERA Biological Pvt Ltd., Shirala specializes in Antivenom production and Purification techniques, Polyclonal antibody development for various diseases.

All the participants visited the cGMP compliant Manufacturing facility, R & D facility, Quality control Laboratory with Microbiology, Analytical and Biological sections, Endotoxin free purified water generation plant, CPCSEA approved Small animal house facility, CPCSEA approved Equine facility, Diagnostic laboratory and Protein purification laboratory at to iSERA Biological Pvt Ltd., Shirala. The principle and working of the facilities were explained to students by respective staff members of the facilities.

All the participants interacted with the staff members Mr. Dhairysheel Yadav, and Dr. Sharad Yadav. All the queries and doubts of students were clarified by the staff members.

Around 02:00 pm we have started the return journey to Kolhapur and reached near around 03:30 pm. All the MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students participated in to this industrial visit with 100% attendance.



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Photographs



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Centre for Interdisciplinary Research,

DY Patil Education Society (Deemed to be University), Kolhapur

Industrial Visit To 'ISERA Biological Pvt. Ltd. Shirala'

Date: 13th April 2023

| | M.Sc. Medical Biotechnology (Semester II) students | Sign |
|----|-------------------------------------------------------|------|
| 1. | Shivani Dhale | |
| 2. | Shrutika Madnait | |
| 3. | Shrutiya Patil | |
| 4. | Karishma Hanim | |
| 5. | Pragati Sawant | |

Accompanied Faculties

Dr. Ashwini Jadhav



Dr. Shivaji Kashte

Mr. Dhairyaashel Yadav



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Centre for Interdisciplinary Research,
DY Patil Education Society (Deemed to be University) Kolhapur
Industrial Visit To 'ISERA Biological Pvt. Ltd. Shirala'

Date: 13th April 2023

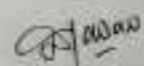
| | M.Sc. Stem Cell and Regenerative Medicine (Semester II) students | Sign |
|----|---------------------------------------------------------------------|--------------|
| 1. | Raj Verma | Raj Verma |
| 2. | Neha kumarekar | Neha |
| 3. | Priya Wadkar. | Priya |
| 4. | Bushra Ichalkaranjikar | Bushra |
| 5. | shubhangi patil | Shubhangi |
| 6. | Manali Patil | Manali Patil |
| 7. | Sareesh Palate | Sareesh |
| 8. | Abhilasha Yadav | Abhilasha |
| 9. | | |

Accompanied Faculties


Dr. Ashwini Jadhav




Dr. Shivaji Kashte


Mr. Dhairyaashel Yadav



**D. Y. PATIL
MEDICAL COLLEGE**
KOLHAPUR

Constituent Unit of
D. Y. Patil Education Society Deemed University, Kolhapur

Organized by
Department of Anatomy

*You are cordially invited for
Guest Lecture on*

SPECIAL RADIOGRAPHS OF ABDOMEN

- 1) IVP
- 2) Role of ERCP, CT Abdomen,
MRI, Arteriography in
Radiodiagnosis of Abdomen

Date:- Friday, 24th March 2023
Time:- 10.00 am to 12.00 noon

All students and faculty are requested to
attend the event:

Dr. Mrs. V. R. Nikam
Prof and Head, Dept. of Anatomy
D.Y.Patil Medical College, Kolhapur.



Dr. Pramod Nagure
M.D. Radiodiagnosis
Director - Eureka Diagnostic Centre,
Kolhapur.

VENUE
Lecture Hall No. 401, 4th Floor,
D. Y. Patil Medical College, Kolhapur

Date: - 21/03/2023

D.Y.PATIL MEDICAL COLLEGE, KOLHAPUR
DEPARTMENT OF ANATOMY

1st Year M.B.B.S, Batch: 2022-2023

CIRCULAR

There will be a 'GUEST LECTURE' on Friday, 24/03/2023 at 10.00am.
It is compulsory for all 1st MBBS students.

TOPIC – **SPECIAL RADIOGRAPHS OF ABDOMEN**

1) IVP

2) Role of ERCP, CT Abdomen, MRI, Arteriography
in Radiodiagnosis of Abdomen

By

Dr. Pramod Nagure, M.D. Radiodiagnosis

Director – Eureka Diagnostic Centre, Kolhapur

VENUE - **Lecture Hall- 401, 4th Floor,**
D.Y.Patil Medical College, Kolhapur.

V.R. Nikam
21/3/23

Dr.Mrs. V.R.Nikam
Prof. & Head, Dept. of Anatomy
Dr. Mrs. V. R. Nikam
Prof. & Head, Dept. of Anatomy
D. Y. Patil Medical College,
Kolhapur.

D. Y. Patil Medical College, Kasaba Bawada, Kolhapur

Department of Anatomy

First M.B.B.S. Batch- 2022-23

GUEST LECTURE

Topic - SPECIAL RADIOGRAPHS OF ABDOMEN

1) IVP 2) Role of ERCP, CT Abdomen, MRI, Arteriography in Radiodiagnosis of Abdomen

Name of the Speaker: - Dr. Pramod Nagure, M.D. Radiodiagnosis

Director - Eureka Diagnostic Centre, Kolhapur

Date: -24/03/2023


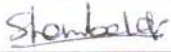
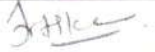



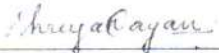
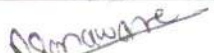
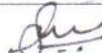
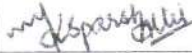




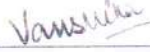



Time: - 10.00 am to 12.00 noon

| Roll. No. | Name of Student | Signature |
|-----------|--------------------------|-----------|
| 1 | Aaisha Khan | Aaisha |
| 2 | Abdullatif M. Nadaf | Ab |
| 3 | Advait Ashok More | Advait |
| 4 | Akshay S Kumar | Akshay |
| 5 | Anand Koranne | Anand |
| 6 | Ananta Jha | Ananta |
| 7 | Angre Mansi Rameshwar | Ab |
| 8 | Annachhatre Aditi | Ab |
| 9 | Anushka Kumar | Ab |
| 10 | Anushri Arbat | Ab |
| 11 | Ashlesha Aitvlwar | Ashlesha |
| 12 | Ashwin Kumar | Ashwin |
| 13 | Avani Balmiki | Ab |
| 14 | Soham Awate | Soham |
| 15 | Ridha Bagwan | Ab |
| 16 | Sujit Govind Bhagat | Sujit |
| 17 | Shivam Bhilwande | SB |
| 18 | Biradar Aastha | Aastha |
| 19 | Sacchi Borkar | Sacchi |
| 20 | Sneha Budhavant | Sneha |
| 21 | Chate Abhijeet | Abhijeet |
| 22 | Chaudhari Abhijit Vijay | Ab |
| 23 | Chinmayee Samir Kudalkar | Chinmayee |

| Roll. No. | Name of Student | Signature |
|-----------|-----------------------------|-------------------|
| 24 | Choubhare Anurag Shriram | Ab |
| 25 | Sayama Choudhari | Sayama |
| 26 | Dalve Pandurang Namdev | Ab |
| 27 | Surya Umakant Dandgaval | Ab |
| 28 | Deepanshi Agrawal | Deepanshi Agrawal |
| 29 | Shreya Rani Yashwant Deo | Ab |
| 30 | Deore Harshvardhan Ravindra | Ab |
| 31 | Nikit Sanjay Desai | Desai |
| 32 | Deshmukh Rucha Rohit | Rucha |
| 33 | Dhengle Rohan Dnyanoba | Ab |
| 34 | Dhruv Bagaria | Dhruv Bagaria |
| 35 | Dond Madhav Sunil | Ab |
| 36 | Faras Arsh Asif | Ab |
| 37 | Gachhe Darshan Deepak | darshan |
| 38 | Gaikwad Om N. | Ab |
| 39 | Garje Aditi Avinash | Ab |
| 40 | Tanishka Ghatge | Tanishka Ghatge |
| 41 | Vaishnavi Ghongade | Vaishnavi |
| 42 | Ritika Hajare | Ab |
| 43 | Hargude Abhijit Dattatray | Ab |
| 44 | Madhur D. Heda | Ab |
| 45 | Hupare Omkar Sukumar | Hupare |
| 46 | Ritika Jadhav | Ritika |
| 47 | Jadhav Shreya Shrikant | Ab |
| 48 | Jit Pattanayak | Jit |
| 49 | Varad Kabra | Varad |
| 50 | Kadam Sameer Jayaji | Sameer |
| 51 | Kaivalyavadhut Ajit Chari | Ajit |
| 52 | Kale Ajay Satish | Ab |
| 53 | Kale Akshaya Saniav | Ab |
| 54 | Kale Vedanti Ravindra | Vedanti |
| 55 | Kale Vedanti Ravindra | Ab |

| Roll. No. | Name of Student | Signature |
|-----------|--------------------------|------------|
| 56 | Kalpande Ashwini Pramod | Kalpande |
| 57 | Kardile Aditya Ashok | Kardile |
| 58 | Viraj Katte Patil | Katte |
| 59 | Kaustubh Vikas Patil | Kaustubh |
| 60 | Vishal Kendre | Vishal |
| 61 | Vedant Meghnath Kesarkar | Vedant |
| 62 | Noor Khan | K. Noor |
| 63 | Khan Sarah Yusuf | Khan |
| 64 | Kharate Nirant Bharat | NBK |
| 65 | Krish Patel | Krish |
| 66 | Nayan Kshirsagar | Ab |
| 67 | Kurade Ketaki Vijaykumar | Kurade |
| 68 | Lande Suyog Ganesh | Ab |
| 69 | Lavte Vedant Yashavant | Ved |
| 70 | Abhay Anil Lawand | Abhay |
| 71 | Harshita Lohiya | Ab |
| 72 | Lomte Rutuja | Ab |
| 73 | Pratik Magar | Pratik |
| 74 | Mihir R. Mane | Ab |
| 75 | Vaishnavi Mavale | Ab |
| 76 | Mehar Rao | Mehar |
| 77 | Rajeshwari Mench | Rajeshwari |
| 78 | Mirgane Satyajeet Vikas | Ab |
| 79 | Mansi Mittal | Ab |
| 80 | Devyani More | Devyani |
| 81 | Mirza Muskaan Abrar | Ab |
| 82 | Mutke Mahesh Babasaheb | Mutke |
| 83 | Nayak Shrikant Deorao | Shrikant |
| 84 | Nimbalkar Aryan | A |
| 85 | Saiprasad Niradwad | Saiprasad |
| 86 | Patei Rudra | Patei |
| 87 | Pathan Adiba Zafarkhan | Pathan |

| Roll. No. | Name of Student | Signature |
|-----------|-------------------------------|---------------|
| 88 | Patil Akhilesh Sunil | A.S. Patil |
| 89 | Anagha Patil | Anagha Patil |
| 90 | Patil Aryan Amol | AB |
| 91 | Patil Atharva Vilas | Aeth |
| 92 | Patil Devendra | Devendra |
| 93 | Isha Kapil Patil | I.K. Patil |
| 94 | Mansi Patil | M.Patil |
| 95 | Mitesh Bhai Patil | AB |
| 96 | Patil Nandini Chandrashekhar | Nandini |
| 97 | Patil Nupur Balasaheb | Nupur |
| 98 | Patil Piyush Premraj | Piyush |
| 99 | Patil Samarjeet Satvashil | AB |
| 100 | Shreya Patil | Shreya |
| 101 | Patil Shrinivas Nagorao | Shrinivas |
| 102 | Vidhi Patil | Vidhi |
| 103 | Nupur S Pawar | Nupur |
| 104 | Harsh Pegarlawar | Harsh |
| 105 | Pradisha Lad | AB |
| 106 | Pranisha Rath | Pranisha Rath |
| 107 | Prathamesh Rahul Nisal | Prathamesh |
| 108 | Puranik Aryan Amit | Aryan Puranik |
| 109 | Nimbalkar Rajnandini | AB |
| 110 | Rakshe Harshal Jitendra | Rakshe |
| 111 | Justine Rodrigues | Justine |
| 112 | Romi | Romy |
| 113 | Sahani Muskan Manoj | AB |
| 114 | Saijahnavi Venkata Panchangam | Saijahnavi |
| 115 | Sameer Babar | AB |
| 116 | Siddharth Suhas Sarawade | AB |
| 117 | Sarnaik Vedantika Uttamrao | Sarnaik |
| 118 | Servaogarajan | Servaogarajan |
| 119 | Shaivi | Shaivi |

| Roll. No. | Name of Student | Signature |
|-----------|----------------------------------|---------------------------------------------------------------------------------------|
| 120 | Swaraj Shahaji Shelake |  |
| 121 | Riddhi Shembekar |  |
| 122 | Shende Vedant Vikram | Ab |
| 123 | Shikalgar Irtika Ashfak |  |
| 124 | Shinde Abhijeet | Ab |
| 125 | Shinde Dhruv Kiran |  |
| 126 | Khushi Shinde |  |
| 127 | Shinde Shashikant Sharad | Ab |
| 128 | Shirsat Sakshi Dilip |  |
| 129 | Shreya Gaikwad | Ab |
| 130 | Shreya Nayan |  |
| 131 | Siddhant Dilip Dange | Ab |
| 132 | Swati Singh | Ab |
| 133 | Sonawane Vaishnavi Harishchandra |  |
| 134 | Tanya Jaywant Sonwane | Ab |
| 135 | Sorate Sarthak Maruti |  |
| 136 | Sparsh Attri |  |
| 137 | Stuti Jani |  |
| 138 | Sanskruiti Suryawanshi | Ab |
| 139 | Talmale Omkar Sanjay |  |
| 140 | Vedika Thihekar | Ab |
| 141 | Thorat Shrijeet Shrinivas |  |
| 142 | Tidke Dnyaneshwar Vishnu |  |
| 143 | Vaibhav Gavade | Ab |
| 144 | Vanshika Poddar |  |
| 145 | Ashutosh Bhupendra Vidhate | Ab |
| 146 | Vruti Raichana |  |
| 147 | Sanika Waghmare | Ab |
| 148 | Waghode Rugveda Sunil | Ab |
| 149 | Waksare Veena Gajanan |  |
| 150 | Shrikant Watpalwad |  |

Dr. Mrs. V. R. Nikam
Prof. & Head, Dept. of Anator
D. Y. Patil Medical College.

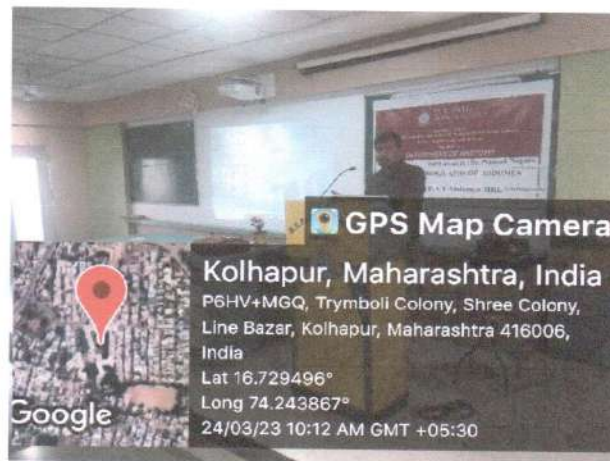
D.Y. PATIL MEDICAL COLLEGE, KOLHAPUR

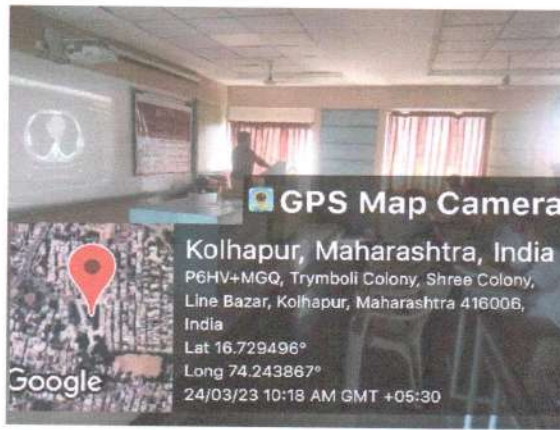
DEPARTMENT OF ANATOMY

PROGRESS REPORT FOR GUEST LECTURE

| SR NO | ITEM | DESCRIPTION |
|-------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Title | Special Radiographs of Abdomen |
| 2 | Date | 24-03-23 |
| 3 | Name of resource person | Dr. Pramod Nagure |
| 4 | Name of faculty CO-Ordinator | Dr Vasudha Nikam |
| 5 | Venue | Lecture Theatre 401 |
| 6 | Objectives | To sensitize the students for- 1) Special radiology techniques for abdominal viscera 2) Barium studies 3) IVP 4) ERCP 5) CT Abdomen 6) MRI Abdomen |
| 7 | Description | The students were exposed to the various abdominal special radiology techniques. It was an interactive session and the students also enjoyed it. |
| 8 | Number of Beneficiaries | Total 96 Students and 8 Teaching faculty and 10 non-teaching faculty. |

GLIMPSES OF GUEST LECTURE





Nikam

From- 26/3/23

Dr V R Nikam
Prof and Head
Department of Anatomy

Dr. Mrs. V. R. Nikam
Prof. & Head, Dept. of Anatomy
D. Y. Patil Medical College,
Kolhapur.



D. Y. PATIL COLLEGE OF NURSING

(A constituent unit of D. Y. Patil Education Society (Institution Deemed to be University), Kolhapur
Established u/s 3 of the UGC Act 1956 vide notification no. F.9-26/2004-U.3 dated 01-09-2005 of
GOI)

Dr. D. Y. Patil Hospital Campus, Kadamwadi, Kolhapur- 416003

Ph. No.: 0231-2657017 Fax: 0231-2601595 E-mail: dypatilnursingcollege@gmail.com

Dr. D. Y. Patil
Founder President

Dr. Sanjay D. Patil
Chancellor

Notice

DATE: 28/11/2022

Alumni interaction

TOPIC: Interaction with students regarding study habits and Job opportunities
in public and private sector

LECTURE ORGANISED BY : D. Y. Patil Education Society
(Institution Deemed to be University)
D.Y.Patil , College of Nursing, Kolhapur

GUEST SPEAKER : Mr. Dnyaneshwar Shendage
Staff Nurse
GMCH Government Hospital, Kolhapur.
B.Sc Nursing 2018-12 Batch

DATE : 30/11/2022

TIME: 11am - 12 pm

VENUE: Auditorium Hall ,
D.Y.Patil , College of Nursing, Kolhapur

Principal

Principal
D. Y. Patil College of Nursing
Kolhapur.



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Ph. No.: 0231-2657017 Fax: 0231-2601595 E-mail: dypatilnursingcollege@gmail.com

Dr. D. Y. Patil
Founder President

Dr. Sanjay D. Patil
Chancellor

Alumni Activity Report

Alumni Interaction with students

- **Institute-** D.Y. Patil College of Nursing, Kolhapur
- **Venue –** D.Y. Patil College of Nursing, Kolhapur
- **Coordinator-** Mr. Shivagouda Patil (Assoc. Prof)

Mr. Anupam kamerikar (Asst. Prof)

- **Day & Date-** 30/11/2022

Activity: D.Y.Patil College of Nursing Alumni Unit has organized old alumni interaction with 1st Year B Sc. Nursing Semester- I students on **30/11/2022** in D.Y.Patil College of Nursing. Interaction session were conducted by Mr. Dnyaneshwar Shendage Student of B.Sc Nursing 2018-2012 Old Batch alumni of D.Y.Patil College of Nursing, He is presently working as Staff Nurse in GMCH Government Hospital, Aurangabad and has 8 years of clinical experience. The interaction session begins with discussing study habits and job responsibilities in health care sectors, discussed the various aspects of health services and job opportunities in public and private sector, during the session students were raise the questions and alumni answered and cleared their doubts. Entire interaction session was informative and fruitful.

- Student participants: 107

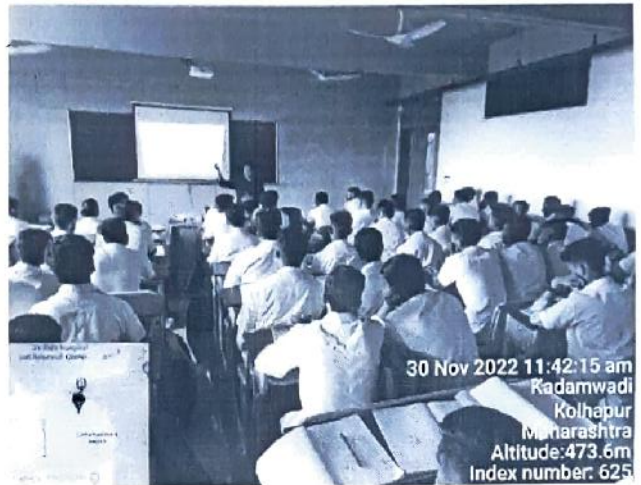
List of student participants

| Sl no | Name of the student |
|-------|------------------------------|
| 1. | Barale Suyash Sagar |
| 2. | Barretto Josephine John |
| 3. | Bhore Siyon Sudhir |
| 4. | Bhosale Jeevan Manohar |
| 5. | Bhosale Prathmesh S. |
| 6. | Bhui Vaishnavi Sanjay |
| 7. | Bodekar Satish Dhondba |
| 8. | Chavarekar Indrajeet S. |
| 9. | Chougale Sai Sachin |
| 10. | Desai Indrajeet Tanaji |
| 11. | Desai Suraj Bajirao |
| 12. | Devkar Shivdas Kiran |
| 13. | Dharme Pankaj Popat |
| 14. | Dharme Kanishka Sanjay |
| 15. | Dharme Krutika Sanjay |
| 16. | Gaikwad Rushikesh R. |
| 17. | Gaikwad Sharon Atul |
| 18. | Gaikwad Victoriya Ramesh |
| 19. | Gavali Vinayak Balu |
| 20. | Gawade Raghavendra Mahendra |
| 21. | Ghorpade Tejas Sachin |
| 22. | Girigosavi Samarth Gorakh |
| 23. | Gosavi Dhanashri Deepak |
| 24. | Hinukale Ruchita Mahadev |
| 25. | Hiware Tushar Sanjay |
| 26. | Ingawale Ishant Tukaram |
| 27. | Jadhav Aditya Raju |
| 28. | Jadhav Ganesh Uday |
| 29. | Jadhav Kartik Shivaji |
| 30. | Jadhav Piyush Atul |
| 31. | Jadhav Pravin Pandurang |
| 32. | Jadhav Suhas Sambhaji |
| 33. | Jamboti Rohan Dipak |
| 34. | Joseph Clara Francis |
| 35. | Kadam Shimon Mahesh |
| 36. | Kagalkar Avinash Ajit |
| 37. | Kagalkar Prathmesh Parshuram |

| | |
|-----|---------------------------|
| 38. | Kale Pratik Shamuvel |
| 39. | Kamat Sujal Sanjay |
| 40. | Kamble Aditi Dashrath |
| 41. | Kamble Pradip Pandurang |
| 42. | Kamble Sanjana Ramchandra |
| 43. | Kamble Sujal Sujit |
| 44. | Kawale Kartik Sandip |
| 45. | Kerkar Namita Narayan |
| 46. | Khamkar Omkar Goraksha |
| 47. | Khedkar Onkar Tanaji |
| 48. | Kokare Dipak Babu |
| 49. | Kondavale Shivraj Manik |
| 50. | Kumbhar Adarsh Avinash |
| 51. | Kumbhar Sayali Pramod |
| 52. | Kurane Simran Amon |
| 53. | Kurane Tejas Amar |
| 54. | Landge Sanika Balaso |
| 55. | Lobo Melvisha Michel |
| 56. | Mahapure Anusha Uttam |
| 57. | Mahapure Stavan Datta |
| 58. | Mandlik Trupti Sudhir |
| 59. | Mane Vaishnavi Ganesh |
| 60. | Mohite Manasi Madhukar |
| 61. | Mudale Sourav Babaso |
| 62. | Nagarpole Sayali Sanjay |
| 63. | Padalkar Pratik Namdev |
| 64. | Pandhare Anosh Mohan |
| 65. | Panhalkar Rohit Sanjay |
| 66. | Pathan Joel Samir |
| 67. | Patil Aishwarya Anil |
| 68. | Patil Kartik Pramod |
| 69. | Patil Omkar Sanjay |
| 70. | Patil Pranav Vasantrya |
| 71. | Patil Pratik Shankar |
| 72. | Patil Sharvan Mahadev |
| 73. | Patil Sushrut Subhash |
| 74. | Patil Vaibhav Ashok |
| 75. | Patil Vaishnavi Jaywant |
| 76. | Patil Vedika Vinod |
| 77. | Patil Yugandhar Appaji |
| 78. | Pawale Prachi Maruti |
| 79. | Pawar Aishwarya Laxman |
| 80. | Phadatare Atharva Dipak |
| 81. | Potdar Sanika Bharat |
| 82. | Powar Sarthak Ranjeet |

| | |
|------|--------------------------|
| 83. | Powar Shivam Sambhaji |
| 84. | Ranbhise Glory Nitin |
| 85. | Ranbhise Priza Niteen |
| 86. | Rane Vaishnavi R. |
| 87. | Rathod Karishma Pandit |
| 88. | Salunkhe Akash Mahadev |
| 89. | Salunkhe Ranjeet Shankar |
| 90. | Sande Aman Rafiq |
| 91. | Saroj Ujala Surendra |
| 92. | Sathe Onkar Sanjay |
| 93. | Sawant Sahil Krushna |
| 94. | Shetye Urvi Umesh |
| 95. | Shinde Anurag Rupesh |
| 96. | Shinde Devraj Sanjay |
| 97. | Shiyekar Preshit Milind |
| 98. | Suryawanshi Achyut S. |
| 99. | Tambe Dipali Santosh |
| 100. | Vinchu Sanjana Sanjay |
| 101. | Abid Fayaz |
| 102. | Avinash Kour |
| 103. | Divya Mehra |
| 104. | Harsheeta Bhagat |
| 105. | Raghunandan Sharma |
| 106. | Tanveer Rashid |
| 107. | Zahid Showkat |

INTERACTION ACTIVITY PHOTOS



Principal
Principal
D. Y. Patil College of Nursing
Kolhapur.



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR (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)

Reaccredited by NAAC with 'A' Grade

869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

Department of Medical Physics

ACTIVITY NAME: Seminar

| | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | "How to make scientific poster effectively" |
| Date | 6 th March 2023 |
| Name of Resource Persons | 1.Prof. Dr. C. D. Lokhande |
| Name of Faculty Coordinator | Dr. Vishwajeet Khot |
| Venue | Library hall, D. Y. Patil Medical College, Kolhapur |
| Objectives | To develop competitive excellence among student and train them to fitting need of Industries. To provide a platform to interact with eminent personalities |
| Description | The speaker has explained importance of the making presentation/posters in an efficient manner. Speaker has also presented examples of good scientific posters. There was overwhelming response from the participants across the globe. The session was interesting, interactive with active participation by students and faculty. |
| Outcome | Participants got exposure to interact with expert in the field of applied research. Participants acquired knowledge about how to make presentation/poster effectively which will help their research to gain recognition from the peers in their respective fields. |
| No. of participants | 54 |



D. Y. PATIL
MEDICAL COLLEGE
KOLHAPUR

D. Y. Patil Education Society (Deemed to be University), Kolhapur.
Re-accredited by NAAC with 'A' Grade

Dr. Rakesh Kumar Sharma
MD, FMASC, MAMS
Dean & Professor
Member, Governing Body
Indian Council of Medical Research
(ICMR), New Delhi

Padmashree Dr. D. Y. Patil
Founder President

Dr. Sanjay D. Patil
President

Ref No: DYPMCK/NO-1634/2022

Date: **4 FEB 2023**

CIRCULAR

Congratulations to all students who have passed the III/II (Final year) MBBS examination held in December 2022.

Please note that your Internship Training Program will commence from **09 Feb. 2023**

Internship Orientation Program will be held on **13 February 2023**.

You will be permitted to start your internship only after you:

1. Successfully attend the orientation program.
2. Obtain online-registration with Maharashtra Medical Council.

You will be provided the necessary help and guidance for the same.

In case you need any clarification or help, please contact Dr. Snehdeep Patil, Associate Professor, Community Medicine, who is in-charge for Internship Training Program.

Dr. Rakesh Kumar Sharma
DEAN



Copy to:

1. Dr. Mrs. Anjali Wagh, Prof. & HOD, Community Medicine
2. Dr. Mrs. Vaishali Gaikwad, Medical Superintendent
3. Dr. Rajesh Khyalappa, Associate Dean
4. Dr. V.V. Bhosale, Registrar
5. Mr. Sanjay Jadhav, Deputy Registrar
6. Notice Board, College & Hospital

D. Y. Patil Medical College, Kolhapur
Department of Community Medicine
Internship Orientation Programme - February - 2023

| Time | Topic | Faculty & Department |
|-------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------|
| 13-02-2023 | | |
| Co-Ordinator- Dr. S.S. Patil | | |
| 09:00 A.M. to 09:30 A.M. | Registration | Dr. T.A. More/PRO Dept. of Community Medicine |
| 09:30 A.M. to 09:50 A.M. | Internship Rules, Regulations & Log Books | Dr. J.U. Yadav Dept. of Community Medicine |
| 09:50 A.M. to 10:15 A.M. | Address by Dean Teacher student Relationship | Dean D.Y. Patil Medical College |
| 10:15 A.M. to 10:45 A.M. | Address by Medical Superintendent Introduction to Documentation Basic | Dr. Vaishali Galkwad M.S., D.Y. Patil Hospital |
| 10:45 A.M. to 11:00 A.M. | Hippocratic Oath taking | |
| 11:00 A.M. to 11:15 A.M. | TEA BREAK | |
| 11:15 A.M. to 11:45 A.M. | Essential Obstetric Care & Comprehensive Abortion Care | Dr. Sangita Desai Dept. of ObGy |
| 11:45 A.M. to 12:15 P.M. | Patient Communication & Breaking Bad News | Dr. S.K. Jotkar Dept. Of Internal Medicine |
| 12:15 P.M. to 01:00 P.M. | Recent updates in NTEP | Dr. Rupali Dalvi M.O. NTEP |
| 01:00 P.M. to 02:00 P.M. | LUNCH BREAK | |
| 02:00 P.M. to 02:45 P.M. | Principles of Medical Ethics Consent, Confidentiality & Privacy | Dr. Pratapsinh Rathod Dept. F.M.T. |
| 02:45 P.M. to 03:45 P.M. | Rational Use of Drugs & Prescription Ethics | Dr. Pramod Bhalerao Dept. Of Pharmacology |
| 03:45 P.M. to 04:30 P.M. | INTERNSHIP DOCUMENTATION | |

Venue:

Auditorium hall, 1st floor at D.Y. Patil Medical College, Kasaba Bawada, Kolhapur.

S.S. Patil
In-charge Internship Programme
 Dept. of Comm. Medicine

Incharge Internship Programme
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur.

Dr. J.U. Yadav
Professor & Head
 Dept. of Comm. Medicine
Professor & Head
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur.

Dr. S.S. Patil
DEAN
 D.Y. Patil Medical College, Kop.
DEAN
 D.Y.PATIL MEDICAL COLLEGE
 KOLHAPUR - 416 006.



D. Y. Patil Medical College, Kolhapur DEPARTMENT OF COMMUNITY MEDICINE

REPORT OF INTERNSHIP ORIENTATION PROGRAMME

An Internship Orientation Programme was conducted for the students who have passed final MBBS exam in December - 2022. The aim of the program was to prepare the students for transition to future clinicians. It was a One day program conducted from 13th February 2023, in the Auditorium Hall 1st floor, D.Y. Patil Medical College, Kolhapur and organized by the Department of Community Medicine. The program was attended by 132 interns.

- The Programme started with Dr. S. S. Patil, In-charge Internship, welcoming the interns and dignitaries.

- Dr. A.D. Patil, Associate Dean, D.Y. Patil Medical College, Kolhapur, addressed interns on fulfilling duties of Internship ethically, responsibly and punctually. Dr. Vaishali Gaikwad, MS, D.Y. Patil Hospital, Kolhapur, gave overview of Hospital working, rules and regulations.

- Interns were given Hippocratic Oath by Dr. Mrs. L.R. Salunkhe, to emphasise the importance and relevance of Hippocratic Oath.

- This was followed by Dr. J.U. Yadav, professor Department of Community Medicine, explained Internship Rules, Regulations & Log Books. Interns were made aware of completing provisional MMC registration within stipulated time period.

Dr. S.K. Jotkar, Dept. of Internal Medicine, Patient Communication & Breaking Bad News and Dr. Sangita Desai, Dept. of ObGy, Essential Obstetric Care & Comprehensive Abortion Care. Dr. Rupali Dalvi, M.O. NTEP, explained Recent updates in NTEP.

Dr. Pramod Bhalerao Dept of Pharmacology, explained Rational use of Drugs & Prevention Ethics. Dr. Pratapsing Rathod, Dept. of F.M.T., explained Principles of Medical Ethics Consent, Confidentiality & Privacy

- One day Internship Orientation Programme was followed as per schedule by participation of all involved departments with full attendance.

- At the end of Internship Orientation Programme student were asked to give feedback on online Google form.

- All teaching and non teaching staff of Department of Community Medicine worked hard for successful organisation of Internship Orientation Programme. Efforts of

Stimulation Lab in charge, Department of FMT, Pharmacology, Paediatrics, Medicine, Surgery, ObGy and Anaesthesia were well appreciated. Support of Medical Superintendent, Mr. Sanjay Jadhav, Asst. Registrar and non teaching staff of Medical College was also appreciated.

Dr. Mrs. Anjali Wagh,
Professor & Head,
Dept. of C.M.

Dept. Of Community Medicine
D.Y.Patil Medical College, Kolhapur.

Dr. Snehdeep Patil,
Associate Professor,
Dept. of C.M.

Charge, Internship Programme
Dept. Of Community Medicine
D.Y.Patil Medical College, Kolhapur.

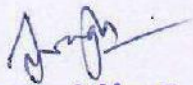


D.Y. Patil Medical College, Kolhapur**Dept. of Community Medicine****Interns List Feb. 2023 to Feb. 2024****13.02.2023 to 12.02.2024**

| Sr No. | Seat No. | Gender | Student Name |
|---------------|-----------------|---------------|--------------------------------|
| 1 | 1701 | M | Abhinav Raizada |
| 2 | 1703 | F | Aditi Yadav |
| 3 | 1704 | F | Akriti |
| 4 | 1705 | M | Amar Tripathi |
| 5 | 1706 | F | Ankita |
| 6 | 1707 | M | Aparna Srivastava |
| 7 | 1708 | M | Archit Sharma |
| 8 | 1709 | F | Arunima Bose |
| 9 | 1711 | M | Ashvinder Goyat |
| 10 | 1712 | M | Ashwinkumar Bhat |
| 11 | 1713 | M | Auysh Bhagat |
| 12 | 1714 | M | B.Biraj Kumar |
| 13 | 1715 | M | Bagaria Anmol Arun |
| 14 | 1717 | M | Baspure Pranav Bhausahab |
| 15 | 1718 | M | Belvalkar Harsh Santosh |
| 16 | 1719 | F | Chinnabukka Shruti Ramu |
| 17 | 1720 | M | Choudhary Mahendrakumar Naresh |
| 18 | 1721 | M | Dabhade Karan Vijayrao |
| 19 | 1722 | M | Dahibhate Atharva Nitin |
| 20 | 1723 | M | Dawale Abhijeet Prakash |
| 21 | 1724 | M | Deepak Kumar Ratna |
| 22 | 1725 | M | Deothankar Vijay Sahebrao |
| 23 | 1727 | M | Deshmukh Advait Avinash |
| 24 | 1728 | M | Deshmukh Prathamesh Sachin |
| 25 | 1729 | M | Deshmukh Sairaj Ramakant |
| 26 | 1730 | M | Deshmukh Shreyash Sanjayrao |
| 27 | 1731 | M | Dev Raj Kumar |
| 28 | Transfer | F | Sejal Sanjay Swami |
| 29 | | M | Patil Dhanaraj Shashikant |
| 30 | 1735 | F | Gade Nikita Gungrao |
| 31 | 1732 | M | Devvish Verma |
| 32 | 1736 | F | Harne Prapti Sanjay |
| 33 | 1737 | M | Harpreet Singh Khapra |
| 34 | 1739 | M | Hirani Yash Chandulal |
| 35 | 1740 | F | Huzefa Rounak |
| 36 | | F | Sharvari Patil |
| 37 | 1742 | M | Jadhav Kunal Kailas |
| 38 | 1743 | F | Jadhav Mayuri Sushilkumar |
| 39 | 1744 | M | Jadhav Saurabh Ashok |
| 40 | 1745 | F | Jadhav Vaishnavi Sudam |
| 41 | 1746 | M | Jagdale Sumit Nanaso |
| 42 | 1747 | F | Jiri Jiri Brahma |
| 43 | 1748 | F | Kajol Prakash Tahliyani |

| | | | |
|----|------|---|----------------------------|
| 44 | 1749 | F | Kakade Sakshi Rahul |
| 45 | 1750 | F | Kakshi |
| 46 | 1752 | M | Kamaljeet Singh |
| 47 | 1754 | M | Kankekar Janmejay Jitendra |
| 48 | 1755 | M | Karale Akshay Sanjay |
| 49 | 1756 | M | Karpe Mihir Shirish |
| 50 | 1757 | M | Karri Srinivas Dayal |
| 51 | 1758 | F | Karwa Khushboo Mahendra |
| 52 | 1759 | M | Katkar Shahuraj Hanmant |
| 53 | 1760 | F | Khairnar Kanupriya Sanjay |
| 54 | 1761 | M | Khan Mohd Ammar Mohd Ali |
| 55 | 1762 | F | Khatri Bhumika Pradeep |
| 56 | 1763 | M | Khatri Piyush Jeevanlal |
| 57 | 1764 | F | Kriti Kumari Sah |
| 58 | 1765 | M | Kshitiz Juneja |
| 59 | 1766 | M | Kumar Utkarsh |
| 60 | 1767 | M | Kumargouda Patil |
| 61 | 1768 | M | Kuralla Vishnu Sravya |
| 62 | 1769 | M | Kushagra Agarwal |
| 63 | 1770 | F | Lakhnotra Heena Jinabhai |
| 64 | 1772 | F | Magdum Ritika Vishal |
| 65 | 1773 | M | Malayanur Narhari Prasad |
| 66 | 1774 | F | Mane Shweta Sopan |
| 67 | 1775 | F | Mane Swapnali Dhanaji |
| 68 | 1776 | F | Manna Monisa Sisir |
| 69 | 1777 | F | Meher Kidwai |
| 70 | 1778 | M | Mote Shubham Shivaji |
| 71 | 1779 | M | Munde Rushikesh Sachin |
| 72 | 1780 | M | Murkute Pratik Pravin |
| 73 | 1781 | M | Muskan Ajay Malviya |
| 74 | 1782 | F | Muskan Gupta |
| 75 | 1783 | F | Mutha Anushka Jitendra |
| 76 | 1784 | F | Naik Purva Prakash |
| 77 | 1785 | M | Nashit Ahmad |
| 78 | 1786 | M | Nikhil Sharma |
| 79 | 1787 | M | Nishant |
| 80 | 1788 | F | Nishi Dwivedi |
| 81 | 1789 | F | Parkhi Makhloga |
| 82 | 1790 | F | Patel Kemiben Sureshkumar |
| 83 | 1791 | M | Patel Smitkumar |
| 84 | 1792 | M | Pathan Rifat Mujib |
| 85 | 1794 | F | Patil Akansha Anandrao |
| 86 | 1795 | F | Patil Anushka Sandeep |
| 87 | 1798 | M | Patil Divesh Chandradkant |
| 88 | 1799 | M | Patil Nihar Pramod |
| 89 | 1800 | M | Patil Om Rakesh |
| 90 | 1802 | F | Patil Purva Sanjay |
| 91 | 1804 | F | Patil Shreya Amol |
| 92 | 1805 | M | Patil Sourabh Maruti |

| | | | |
|-----|------|---|-------------------------------------|
| 93 | 1807 | M | Pawar Swapnesh Sangramsingh |
| 94 | 1808 | F | Pise Neha Mohan |
| 95 | 1809 | M | Pokala Chidvilas |
| 96 | 1811 | F | Prabhakaran Unnati Saji |
| 97 | 1812 | M | Pranav R Joshi |
| 98 | 1813 | F | Pranjal Mishra |
| 99 | 1814 | F | Priyanka Nandi |
| 100 | 1815 | M | Raghav Bagaria |
| 101 | 1816 | F | Ragit Kalyani Ishwar |
| 102 | 1817 | F | Rane Sejal Tushar |
| 103 | 1818 | F | Rewatkar Bhakti Rajesh |
| 104 | 1821 | M | Rupesh Kumar Singh |
| 105 | 1822 | F | Ruthuja.V |
| 106 | 1824 | M | Sairaj Tucaram Shirodkar |
| 107 | 1825 | F | Samriddhi Ahluwalia |
| 108 | 1826 | M | Shah Kavin Vimalkumar |
| 109 | 1827 | M | Shah Park Manojkumar |
| 110 | 1828 | M | Shaikh Mohammad Yusuf Hifzur Rahman |
| 111 | 1829 | M | Shaikh Mohd Yasir Abdul Khaliq |
| 112 | 1830 | F | Sheefa Sorathiya |
| 113 | 1831 | F | Shikha Sharma |
| 114 | 1832 | F | Shivani Siddappa Dodamani |
| 115 | 1833 | F | Shivani Somnath Patil |
| 116 | 1835 | F | Shristi Roy |
| 117 | 1836 | F | Sigicharla Indu Prathyusha |
| 118 | 1837 | F | Simran Raj |
| 119 | 1838 | F | Soloni Patra |
| 120 | 1839 | M | Sonone Shubham Shashikant |
| 121 | 1840 | F | Srinidhi Avinash Shirole |
| 122 | 1841 | F | Srishti Shivani |
| 123 | 1842 | F | Srushti M V |
| 124 | 1843 | F | Suraksha Vijay Israni |
| 125 | 1844 | M | Tanmay Prakash Pawar |
| 126 | 1845 | F | Varsha Shaw |
| 127 | 1846 | F | Vedangi Pramod Patil |
| 128 | 1848 | M | Vishwas |
| 129 | 1850 | F | Yadav Priyanka Virendra |
| 130 | 1851 | F | Yadav Shweta Ashok |
| 131 | 1733 | F | Diya More |
| 132 | 1741 | F | Irry Mehadwan |


Professor & Head
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur



D. Y. PATIL
MEDICAL COLLEGE
KOLHAPUR

D. Y. Patil Education Society (Deemed to be University), Kolhapur.
Re-accredited by NAAC with 'A' Grade

Dr. Rakesh Kumar Sharma
MD, FMASC, MAMS
Dean & Professor
Member, Governing Body
Indian Council of Medical Research
(ICMR), New Delhi

Padmashree Dr. D. Y. Patil
Founder President

Dr. Sanjay D. Patil
President

Ref No: DYPMCK/NO-1634/2022

Date: 4 FEB 2023

CIRCULAR

Congratulations to all students who have passed the III/II (Final year) MBBS examination held in December 2022.

Please note that your Internship Training Program will commence from 09 Feb. 2023

Internship Orientation Program will be held on 13 February 2023.

You will be permitted to start your internship only after you:

1. Successfully attend the orientation program.
2. Obtain online-registration with Maharashtra Medical Council.

You will be provided the necessary help and guidance for the same.

In case you need any clarification or help, please contact Dr. Snehdeep Patil, Associate Professor, Community Medicine, who is in-charge for Internship Training Program.

Dr. Rakesh Kumar Sharma
DEAN



Copy to:

1. Dr. Mrs. Anjali Wagh, Prof. & HOD, Community Medicine
2. Dr. Mrs. Vaishali Gaikwad, Medical Superintendent
3. Dr. Rajesh Khyalappa, Associate Dean
4. Dr. V.V. Bhosale, Registrar
5. Mr. Sanjay Jadhav, Deputy Registrar
6. Notice Board, College & Hospital

D. Y. Patil Medical College, Kolhapur
Department of Community Medicine
Internship Orientation Programme - February - 2023

| Time | Topic | Faculty & Department |
|-------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------|
| 13-02-2023 | | |
| Co-Ordinator- Dr. S.S. Patil | | |
| 09:00 A.M. to 09:30 A.M. | Registration | Dr. T.A. More/PRO Dept. of Community Medicine |
| 09:30 A.M. to 09:50 A.M. | Internship Rules, Regulations & Log Books | Dr. J.U. Yadav Dept. of Community Medicine |
| 09:50 A.M. to 10:15 A.M. | Address by Dean Teacher student Relationship | Dean D.Y. Patil Medical College |
| 10:15 A.M. to 10:45 A.M. | Address by Medical Superintendent Introduction to Documentation Basic | Dr. Vaishali Galkwad M.S., D.Y. Patil Hospital |
| 10:45 A.M. to 11:00 A.M. | Hippocratic Oath taking | |
| 11:00 A.M. to 11:15 A.M. | TEA BREAK | |
| 11:15 A.M. to 11:45 A.M. | Essential Obstetric Care & Comprehensive Abortion Care | Dr. Sangita Desai Dept. of ObGy |
| 11:45 A.M. to 12:15 P.M. | Patient Communication & Breaking Bad News | Dr. S.K. Jotkar Dept. Of Internal Medicine |
| 12:15 P.M. to 01:00 P.M. | Recent updates in NTEP | Dr. Rupali Dalvi M.O. NTEP |
| 01:00 P.M. to 02:00 P.M. | LUNCH BREAK | |
| 02:00 P.M. to 02:45 P.M. | Principles of Medical Ethics Consent, Confidentiality & Privacy | Dr. Pratapsinh Rathod Dept. F.M.T. |
| 02:45 P.M. to 03:45 P.M. | Rational Use of Drugs & Prescription Ethics | Dr. Pramod Bhalerao Dept. Of Pharmacology |
| 03:45 P.M. to 04:30 P.M. | INTERNSHIP DOCUMENTATION | |

Venue:

Auditorium hall, 1st floor at D.Y. Patil Medical College, Kasaba Bawada, Kolhapur.

S.S. Patil
In-charge Internship Programme
 Dept. of Comm. Medicine

Incharge Internship Programme
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur.

Dr. J.U. Yadav
Professor & Head
 Dept. of Comm. Medicine
Professor & Head
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur.

Dr. S.S. Patil
DEAN
 D.Y. Patil Medical College, Kop.
DEAN
 D.Y.PATIL MEDICAL COLLEGE
 KOLHAPUR - 416 006.



D. Y. Patil Medical College, Kolhapur DEPARTMENT OF COMMUNITY MEDICINE

REPORT OF INTERNSHIP ORIENTATION PROGRAMME

An Internship Orientation Programme was conducted for the students who have passed final MBBS exam in December - 2022. The aim of the program was to prepare the students for transition to future clinicians. It was a One day program conducted from 13th February 2023, in the Auditorium Hall 1st floor, D.Y. Patil Medical College, Kolhapur and organized by the Department of Community Medicine. The program was attended by 132 interns.

- The Programme started with Dr. S. S. Patil, In-charge Internship, welcoming the interns and dignitaries.

- Dr. A.D. Patil, Associate Dean, D.Y. Patil Medical College, Kolhapur, addressed interns on fulfilling duties of Internship ethically, responsibly and punctually. Dr. Vaishali Gaikwad, MS, D.Y. Patil Hospital, Kolhapur, gave overview of Hospital working, rules and regulations.

- Interns were given Hippocratic Oath by Dr. Mrs. L.R. Salunkhe, to emphasise the importance and relevance of Hippocratic Oath.

- This was followed by Dr. J.U. Yadav, professor Department of Community Medicine, explained Internship Rules, Regulations & Log Books. Interns were made aware of completing provisional MMC registration within stipulated time period.

Dr. S.K. Jotkar, Dept. of Internal Medicine, Patient Communication & Breaking Bad News and Dr. Sangita Desai, Dept. of ObGy, Essential Obstetric Care & Comprehensive Abortion Care. Dr. Rupali Dalvi, M.O. NTEP, explained Recent updates in NTEP.

Dr. Pramod Bhalerao Dept of Pharmacology, explained Rational use of Drugs & Prevention Ethics. Dr. Pratapsing Rathod, Dept. of F.M.T., explained Principles of Medical Ethics Consent, Confidentiality & Privacy

- One day Internship Orientation Programme was followed as per schedule by participation of all involved departments with full attendance.

- At the end of Internship Orientation Programme student were asked to give feedback on online Google form.

- All teaching and non teaching staff of Department of Community Medicine worked hard for successful organisation of Internship Orientation Programme. Efforts of

Stimulation Lab in charge, Department of FMT, Pharmacology, Paediatrics, Medicine, Surgery, ObGy and Anaesthesia were well appreciated. Support of Medical Superintendent, Mr. Sanjay Jadhav, Asst. Registrar and non teaching staff of Medical College was also appreciated.

Dr. Mrs. Anjali Wagh,
Professor & Head,
Dept. of C.M.
Dept. Of Community Medicine
D.Y.Patil Medical College, Kolhapur.

Dr. Snehdeep Patil,
Associate Professor,
Dept. of C.M.,
Charge Internship Programme
Dept. Of Community Medicine
D.Y.Patil Medical College, Kolhapur.

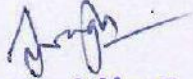


D.Y. Patil Medical College, Kolhapur**Dept. of Community Medicine****Interns List Feb. 2023 to Feb. 2024****13.02.2023 to 12.02.2024**

| Sr No. | Seat No. | Gender | Student Name |
|---------------|-----------------|---------------|--------------------------------|
| 1 | 1701 | M | Abhinav Raizada |
| 2 | 1703 | F | Aditi Yadav |
| 3 | 1704 | F | Akriti |
| 4 | 1705 | M | Amar Tripathi |
| 5 | 1706 | F | Ankita |
| 6 | 1707 | M | Aparna Srivastava |
| 7 | 1708 | M | Archit Sharma |
| 8 | 1709 | F | Arunima Bose |
| 9 | 1711 | M | Ashvinder Goyat |
| 10 | 1712 | M | Ashwinkumar Bhat |
| 11 | 1713 | M | Auysh Bhagat |
| 12 | 1714 | M | B.Biraj Kumar |
| 13 | 1715 | M | Bagaria Anmol Arun |
| 14 | 1717 | M | Baspure Pranav Bhausahab |
| 15 | 1718 | M | Belvalkar Harsh Santosh |
| 16 | 1719 | F | Chinnabukka Shruti Ramu |
| 17 | 1720 | M | Choudhary Mahendrakumar Naresh |
| 18 | 1721 | M | Dabhade Karan Vijayrao |
| 19 | 1722 | M | Dahibhate Atharva Nitin |
| 20 | 1723 | M | Dawale Abhijeet Prakash |
| 21 | 1724 | M | Deepak Kumar Ratna |
| 22 | 1725 | M | Deothankar Vijay Sahebrao |
| 23 | 1727 | M | Deshmukh Advait Avinash |
| 24 | 1728 | M | Deshmukh Prathamesh Sachin |
| 25 | 1729 | M | Deshmukh Sairaj Ramakant |
| 26 | 1730 | M | Deshmukh Shreyash Sanjayrao |
| 27 | 1731 | M | Dev Raj Kumar |
| 28 | Transfer | F | Sejal Sanjay Swami |
| 29 | | M | Patil Dhanaraj Shashikant |
| 30 | 1735 | F | Gade Nikita Gungrao |
| 31 | 1732 | M | Devvish Verma |
| 32 | 1736 | F | Harne Prapti Sanjay |
| 33 | 1737 | M | Harpreet Singh Khapra |
| 34 | 1739 | M | Hirani Yash Chandulal |
| 35 | 1740 | F | Huzefa Rounak |
| 36 | | F | Sharvari Patil |
| 37 | 1742 | M | Jadhav Kunal Kailas |
| 38 | 1743 | F | Jadhav Mayuri Sushilkumar |
| 39 | 1744 | M | Jadhav Saurabh Ashok |
| 40 | 1745 | F | Jadhav Vaishnavi Sudam |
| 41 | 1746 | M | Jagdale Sumit Nanaso |
| 42 | 1747 | F | Jiri Jiri Brahma |
| 43 | 1748 | F | Kajol Prakash Tahliyani |

| | | | |
|----|------|---|----------------------------|
| 44 | 1749 | F | Kakade Sakshi Rahul |
| 45 | 1750 | F | Kakshi |
| 46 | 1752 | M | Kamaljeet Singh |
| 47 | 1754 | M | Kankekar Janmejay Jitendra |
| 48 | 1755 | M | Karale Akshay Sanjay |
| 49 | 1756 | M | Karpe Mihir Shirish |
| 50 | 1757 | M | Karri Srinivas Dayal |
| 51 | 1758 | F | Karwa Khushboo Mahendra |
| 52 | 1759 | M | Katkar Shahuraj Hanmant |
| 53 | 1760 | F | Khairnar Kanupriya Sanjay |
| 54 | 1761 | M | Khan Mohd Ammar Mohd Ali |
| 55 | 1762 | F | Khatri Bhumika Pradeep |
| 56 | 1763 | M | Khatri Piyush Jeevanlal |
| 57 | 1764 | F | Kriti Kumari Sah |
| 58 | 1765 | M | Kshitiz Juneja |
| 59 | 1766 | M | Kumar Utkarsh |
| 60 | 1767 | M | Kumargouda Patil |
| 61 | 1768 | M | Kuralla Vishnu Sravya |
| 62 | 1769 | M | Kushagra Agarwal |
| 63 | 1770 | F | Lakhnotra Heena Jinabhai |
| 64 | 1772 | F | Magdum Ritika Vishal |
| 65 | 1773 | M | Malayanur Narhari Prasad |
| 66 | 1774 | F | Mane Shweta Sopan |
| 67 | 1775 | F | Mane Swapnali Dhanaji |
| 68 | 1776 | F | Manna Monisa Sisir |
| 69 | 1777 | F | Meher Kidwai |
| 70 | 1778 | M | Mote Shubham Shivaji |
| 71 | 1779 | M | Munde Rushikesh Sachin |
| 72 | 1780 | M | Murkute Pratik Pravin |
| 73 | 1781 | M | Muskan Ajay Malviya |
| 74 | 1782 | F | Muskan Gupta |
| 75 | 1783 | F | Mutha Anushka Jitendra |
| 76 | 1784 | F | Naik Purva Prakash |
| 77 | 1785 | M | Nashit Ahmad |
| 78 | 1786 | M | Nikhil Sharma |
| 79 | 1787 | M | Nishant |
| 80 | 1788 | F | Nishi Dwivedi |
| 81 | 1789 | F | Parkhi Makhloga |
| 82 | 1790 | F | Patel Kemiben Sureshkumar |
| 83 | 1791 | M | Patel Smitkumar |
| 84 | 1792 | M | Pathan Rifat Mujib |
| 85 | 1794 | F | Patil Akansha Anandrao |
| 86 | 1795 | F | Patil Anushka Sandeep |
| 87 | 1798 | M | Patil Divesh Chandradkant |
| 88 | 1799 | M | Patil Nihar Pramod |
| 89 | 1800 | M | Patil Om Rakesh |
| 90 | 1802 | F | Patil Purva Sanjay |
| 91 | 1804 | F | Patil Shreya Amol |
| 92 | 1805 | M | Patil Sourabh Maruti |

| | | | |
|-----|------|---|-------------------------------------|
| 93 | 1807 | M | Pawar Swapnesh Sangramsingh |
| 94 | 1808 | F | Pise Neha Mohan |
| 95 | 1809 | M | Pokala Chidvilas |
| 96 | 1811 | F | Prabhakaran Unnati Saji |
| 97 | 1812 | M | Pranav R Joshi |
| 98 | 1813 | F | Pranjal Mishra |
| 99 | 1814 | F | Priyanka Nandi |
| 100 | 1815 | M | Raghav Bagaria |
| 101 | 1816 | F | Ragit Kalyani Ishwar |
| 102 | 1817 | F | Rane Sejal Tushar |
| 103 | 1818 | F | Rewatkar Bhakti Rajesh |
| 104 | 1821 | M | Rupesh Kumar Singh |
| 105 | 1822 | F | Ruthuja.V |
| 106 | 1824 | M | Sairaj Tucaram Shirodkar |
| 107 | 1825 | F | Samriddhi Ahluwalia |
| 108 | 1826 | M | Shah Kavin Vimalkumar |
| 109 | 1827 | M | Shah Park Manojkumar |
| 110 | 1828 | M | Shaikh Mohammad Yusuf Hifzur Rahman |
| 111 | 1829 | M | Shaikh Mohd Yasir Abdul Khaliq |
| 112 | 1830 | F | Sheefa Sorathiya |
| 113 | 1831 | F | Shikha Sharma |
| 114 | 1832 | F | Shivani Siddappa Dodamani |
| 115 | 1833 | F | Shivani Somnath Patil |
| 116 | 1835 | F | Shristi Roy |
| 117 | 1836 | F | Sigicharla Indu Prathyusha |
| 118 | 1837 | F | Simran Raj |
| 119 | 1838 | F | Soloni Patra |
| 120 | 1839 | M | Sonone Shubham Shashikant |
| 121 | 1840 | F | Srinidhi Avinash Shirole |
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| 131 | 1733 | F | Diya More |
| 132 | 1741 | F | larry Mehadwan |


Professor & Head
 Dept. Of Community Medicine
 D.Y.Patil Medical College, Kolhapur



D. Y. PATIL COLLEGE OF NURSING

(A constituent unit of D. Y. Patil Education Society (Institution Deemed to be University), Kolhapur
Established u/s 3 of the UGC Act 1956 vide notification no. F.9-26/2004-U.3 dated 01-09-2005 of
GOI)

Dr. D. Y. Patil Hospital Campus, Kadamwadi, Kolhapur- 416003

Ph. No.: 0231-2657017 Fax: 0231-2601595 E-mail: dypatilnursingcollege@gmail.com

Dr. D. Y. Patil
Founder President

Dr. Sanjay D. Patil
Chancellor

NOTICE

All the students studying in M.Sc.(N), P.B.B.Sc.(N), B.Sc.(N) are hereby informed that we are celebrating “**LAMPLIGHTING CEROMONY**” in our college on **7/02/2023**. So you are requested to attain the same.

Venue: Auditorium Hall, D.Y.Patil , College of Nursing,
Kolhapur

PRINCIPAL

Principal
D. Y. Patil College of Nursing
Kolhapur.



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR (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)

Reaccredited by NAAC with 'A' Grade

869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

ACTIVITY NAME: LAMP LIGHTING & OATH-TAKING CEREMONY

| | |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Lamp lighting & Oath-taking ceremony of B. Sc (N) 17 th batch & GNM 21 th batch on 2022-2023 |
| Date | 7/02/ 2023 |
| Name of Guest | Dr. (Mrs.) Sangita Moreshwar, Principal, Bhartesh College of Nursing Belgaum |
| Name of Faculty Coordinator | Dr. Suchitrarani Rathod. |
| Venue | D. Y. Patil College of Nursing, Kadamwadi, Kolhapur. |
| Objectives | The students will start practicing professional nursing care in clinical and community. |
| Description | <p>D.Y. Patil College of Nursing, Kolhapur added an extra feather in its cap on 7th February 2023, as the day witnessed the lamp lighting and oath taking ceremony of the B.Sc. (N) 17th batch and GNM 21th batch at, D.Y. Patil College of Nursing, Kolhapur.</p> <p>Dr. (Mrs.) Sangita Moreshwar Principal of Bhartesh College of Nursing Belgaum was the Chief Guest and the ceremony was presided over by the Guest of Honor Dr. Rakeshkumar Mudgal, Vice-Chancellor of D.Y.Patil Education Society, Institution Deemed to be University, Kolhapur.</p> <p>The programme started at 3.30 pm with the procession of the students. Dr. Suchitrarani Rathod, Principal, welcomed the dignitaries and felicitated Dr. Sangita Moreshwar and Dr. Rakeshkumar Mudgal which is followed by lighting the Inaugural lamp by dignitaries.</p> <p>The lamp lighting of fresher's was done in a symbolic manner. The faculty of Nursing college Mrs. Neeta Ranbhise, Mrs. Jyoti Aurwade, Ms. Richa Jadhav and Chief guest invited to light the lamp and transfer the true spirit of Nursing to the newcomers. Then</p> |

the Florence Nightingale Oath were recited by Dr. Suchitrarani Rathod. The oath was taken by new 107 B. Sc Nursing and 30 GNM students.

Chief Guest Dr. (Mrs.) Sangita Moreswar madam enlightened the students regarding the Nursing profession, the responsibilities of a Nurse and urged the fresher students to be a competent and an all-rounder nurse. Dr. Rakeshkumar Mudgal, Vice-Chancellor, D.Y.Patil Education Society, Institution Deemed to be University, Kolhapur also encouraged the Nursing students & stated Nursing as a noble profession and applauded the initiative and the trend of performing this oath taking programme and congratulated the students on this auspicious day. Then 3 new students were shared their views on nursing profession. Programme was concluded by the vote of thanks by Vice Principal Prof. Smt. Manisha Bijapurkar.

The Programme ended at 5 pm.

Outcome

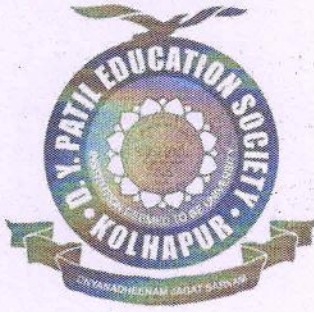
The students recited oath and become eligible to attend clinical and community area to learn and practice nursing care.

No. of participants

137 students & 35 faculties of the DYPCON, Kolhapur.



S. Rathod
Principal
 D. Y. Patil College of Nursing
 Kolhapur.



D. Y. PATIL EDUCATION SOCIETY, (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)

Reaccredited by NAAC with 'A' Grade

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

Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

Web: www.dypatilunikop.org, E-mail: info@dypatilkolhapur.org

No. DYPES/CIR/2023/10

Date: -17/01/2023

NOTICE

We are arranging the guest lecture of Prof. J. H. Kim from Department of Materials Science and Engineering, Chonnam National University, South Korea on the subject of "**Materials for Hydrogen Production.**"

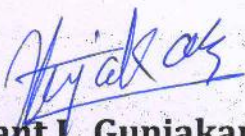
You are requested to make it convenient to attend the same.

Venue: -PG Reding Hall, Central Library,

D. Y. Patil Medical College, Kolhapur.

Date: - 18/01/2023

Time: - 3.00pm to 4.00pm


Dr. Jayavant L. Gunjekar
Convener


Prof. C. D. Lokhande
Chairman

Copy to:

1. PA to Chancellor
2. PA to Vice- Chancellor
3. Registrar Office
4. PA to Dean

Guest Lecture Report

Topic: Materials for Hydrogen Production

**Resource Person: Prof. J. H. Kim, Chonnam National University,
South Korea**

Date: 18th January, 2023



Centre for Interdisciplinary Research

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



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

Organized by
Centre for Interdisciplinary Research (CIR)

Guest Lecture on
**MATERIALS
FOR
HYDROGEN
PRODUCTION**

Speaker Name:

Prof. J. H. Kim

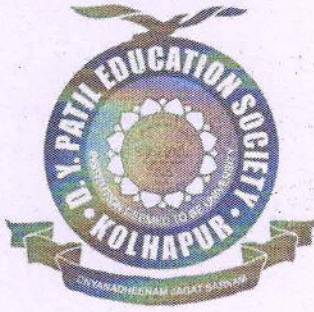
Professor, Department of Materials Science
and Engineering, Chonnam National University,
South Korea



Date: **18th January, 2023**

Time: **3:00 pm to 4:00 pm**

Place: **PG Reading Hall, Central Library,
D. Y. Patil Medical College, Kolhapur**



D. Y. PATIL EDUCATION SOCIETY, (Deemed to be University)

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No. DYPES/CIR/2023/10

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NOTICE

We are arranging the guest lecture of Prof. J. H. Kim from Department of Materials Science and Engineering, Chonnam National University, South Korea on the subject of "**Materials for Hydrogen Production.**"

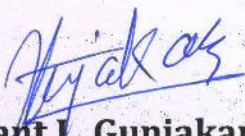
You are requested to make it convenient to attend the same.

Venue: -PG Reding Hall, Central Library,

D. Y. Patil Medical College, Kolhapur.

Date: - 18/01/2023

Time: - 3.00pm to 4.00pm


Dr. Jayavant L. Gunjekar
Convener


Prof. C. D. Lokhande
Chairman

Copy to:

1. PA to Chancellor
2. PA to Vice- Chancellor
3. Registrar Office
4. PA to Dean



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Centre for Interdisciplinary Research (CIR)

ACTIVITY NAME: Guest Lecture

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | 'Materials for Hydrogen Production' |
| Resource person | Prof. J. H. Kim, Professor, Department of Materials Science and Engineering, Chonnam National University, South Korea |
| Date | Wednesday, January 18, 2023 |
| Name of Faculty Coordinator | Dr. Jayavant L. Gunjekar, Asso. Prof. D. Y. Patil Education Society, Kolhapur |
| Venue | PG Reading Hall, Central Library, D. Y. Patil Medical College, Kolhapur |
| Objectives | <ul style="list-style-type: none">• To provide knowledge about the various materials for hydrogen production• To make an awareness of opportunities in the field of hydrogen production• To develop competitive excellence among researchers and to explore them to fit the needs of industries |
| Description | The organized lecture was interesting, and interactive with active participation by research scholars and faculties |
| Outcome | <ul style="list-style-type: none">• Student acquired knowledge regarding materials for hydrogen production.• Students are encouraged to do their work to compete at the industrial level. |
| No. of participants | 50 |



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'Materials for Hydrogen Production

January 18, 2023

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REPORT

On

Guest Lecture

'Materials for Hydrogen Production'

By

Prof. J. H. Kim

Professor, Dept. of Materials Science and Engineering,

Chonnam National University, South Korea.

Wednesday, January 18, 2023

Organized by

Centre for Interdisciplinary Research (CIR)



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Preamble

Higher education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have a broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Program

- *To provide knowledge about the various materials for hydrogen production*
- *To make an awareness of opportunities in the field of hydrogen production*
- *To develop competitive excellence among researchers and to explore them to fit the needs of industries*
- *To provide a platform to the research students to interact and express their views on the energy storage systems*

Outcome of the Program

- *Student acquired knowledge regarding materials for hydrogen production.*
- *Students are encouraged to do their work to compete at the industrial level.*
- *Students got familiarized with the information about different facilities available at the speaker's institute.*
- *Participants interacted with the guest speaker and cleared their doubts hydrogen production.*



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Report

In accordance with the objectives stated above Centre of Interdisciplinary Research has organized a lecture on 'Materials for Hydrogen Production' on January 18, 2023, by Prof. J. H. Kim, Professor, Chonnam National University, South Korea.

At this lecture Dr. Jayavant Gunjekar, Asso. Prof. D. Y. Patil Education Society (Institution Deemed to be University), Kolhapur welcomed the guest speaker, all the research scholars and faculty from the Department of Centre for Interdisciplinary Research.

After this lecture, research scholars Mr. Vikas Magadum, Mr. Vinod Patil have interacted with Prof. J. H. Kim about hydrogen production application. Research students Ms. Jyoti Thorat and Ms. Shraddha Bhosale have also discussed what type of research fellowships are available for researcher in south korea.

Finally, Dr. Jayavant Gunjekar expressed a vote of thanks for concluding the program.

The organized lecture has received a good response from students, researchers, and faculties.



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KOLHAPUR**

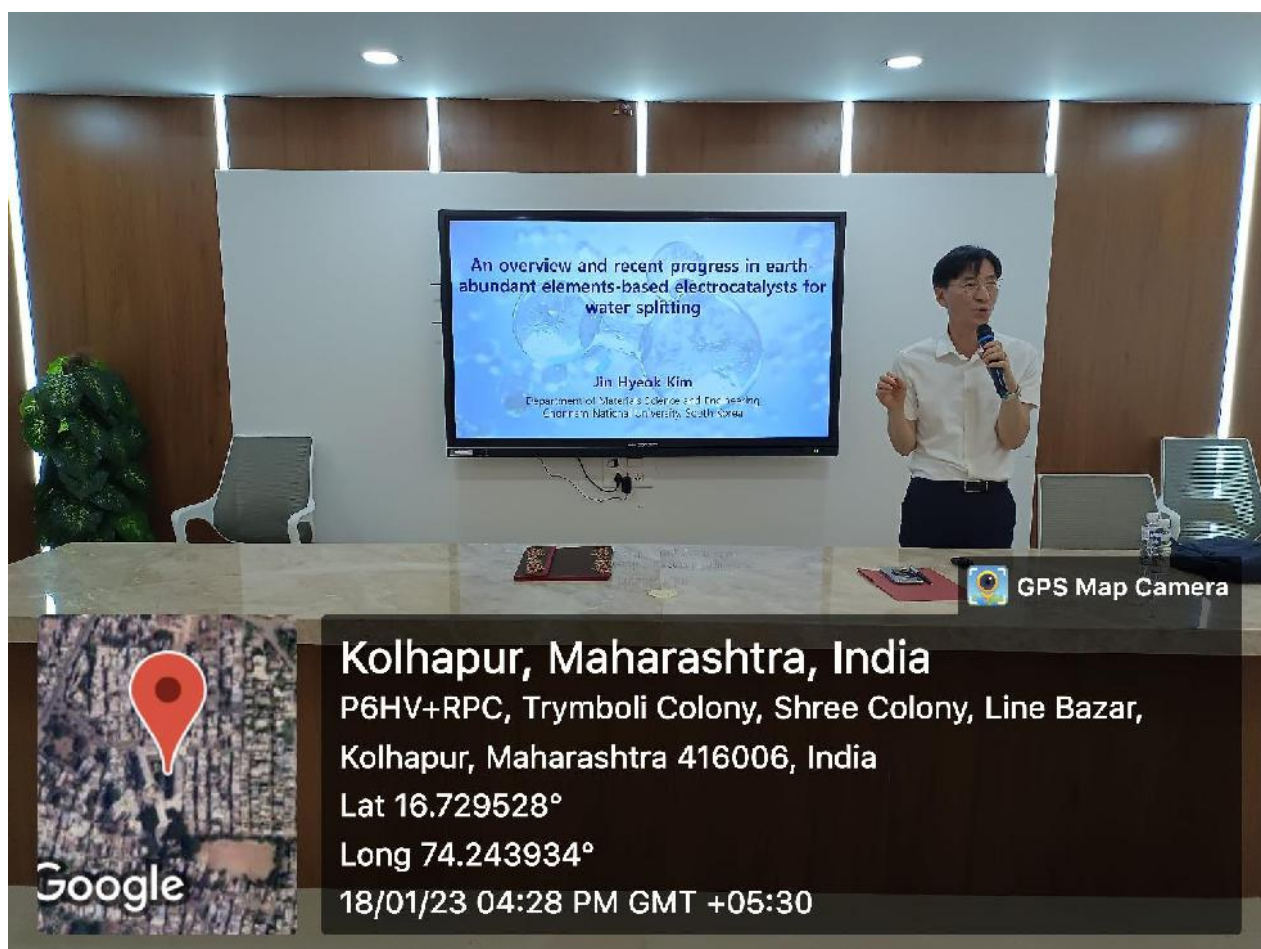
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Some Snaps





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Report Centre For Interdisciplinary Research

Activity Name: Guest Lecture of Adjunct Faculty

| | |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic | Advances in Proteomics |
| Invited Speaker (Adjunct Faculty Dept. SCRM) | Dr. Mahesh J Kulkarni Senior Principal Scientist, AcSIR Professor and Associate Dean (BS) Biochemical Sciences Division, CSIR-National Chemical Laboratory Pune-411008, India |
| Name of Department | Stem Cell and Regenerative Medicine, CIR |
| Date | 10 th January 2023 |
| Organizing Team | Chairman: Prof. (Dr.) C. D. Lokhande, Dean CIR Convener: Prof. (Dr.) Meghnad Joshi, HOD SCRM and MBT Organizing Secretary: Dr. Ashwini Jadhav, Asst. Prof. SCRM |
| Venue | Lecture Hall, Centre for Interdisciplinary Research, DY Patil Education Society (Deemed to be University), Kolhapur |
| Objectives | <ol style="list-style-type: none">1. To deliver a lecture on proteomics which part of M.Sc. Syllabus.2. To provide the knowledge about basics in protein sequencing, identification of proteins.3. To give information on Mass spectrometry. |
| Description | All M.Sc. and PhD Students from Department of Stem Cell and Regenerative Medicine, Medical Biotechnology,. Faculties of CIR participated in the program. |
| Outcome | Dr. Mahesh Kulkarni sir gave excellent talk on basics in protein sequencing, identification of proteins, Mass spectrometry. Also he extended his talk on his research contribution to understanding protein glycation in diabetes by using mass spectrometric and proteomics approaches. Participants were interacted with Dr. Kulkarni sir in question-answer session. All participants were satisfied with his talk. |
| No. of participants | 35 |



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D. Y. PATIL
EDUCATION SOCIETY
(DEEMED TO BE UNIVERSITY)
KOLHAPUR

Organized by
Department of Stem Cell and
Regenerative Medicine,
Centre for Interdisciplinary Research,

You are cordially invited for
Guest Lecture on

ADVANCES IN PROTEOMICS

Date:- Tuesday, 10th January 2023

Time:- 03.30 pm

Venue: CIR Lecture Hall, 3rd Floor,
D.Y. Patil Education Society,
Deemed to be University, Kolhapur



Dr. Mahesh J. Kulkarni

Senior Principal Scientist
Biochemical Science Division
CSIR-National Chemical Laboratory
Pune, India

Chairman

• Prof. (Dr.) C. D. Lokhande
Dean,
Centre for Interdisciplinary Research

Convener

• Prof. (Dr.) Meghnad Joshi
Professor and Head, Department of Stem
Cell and Regenerative Medicine

Organizing Secretary

• Dr. Ashwini K. Jadhav
Assistant Professor, Department of
Stem Cell and Regenerative Medicine



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Curriculum Vitae of Invited speaker



Dr. Mahesh J Kulkarni

Senior Principal Scientist

AcSIR Professor and Associate Dean (BS)

Biochemical Sciences Division

CSIR-National Chemical Laboratory

Pune-411008, India

E-mail: mj.kulkarni@ncl.res.in

Ph. No. +91-20-25902541, Mobile. +91-9890454550

<http://academic.ncl.res.in/mj.kulkarni>

Research Area: Mass spectrometry-based proteomics, protein glycation in diabetes, AGE-RAGE signaling, Post-translational modifications, Biotherapeutics and mAb Characterization

Summary of research work

Dr. Mahesh Kulkarni has contributed significantly to understanding protein glycation in diabetes by using mass spectrometric and proteomics approaches. He has published more than 90 research papers, and editorial member of reputed journals such as Scientific Reports, Proteins and Peptide Letters, Clinical Proteomics Journal, Journal of proteins and proteomics. He has been elected Fellow of Maharashtra Academy of Sciences in 2016. He was Raman Research Fellowship, to visit University of Turku, Finland, 2016.

Total Publications (93):

Latest Publications

1. Walke PB, Bansode SB, More NP, Chaurasiya AH, Joshi RS, **Kulkarni MJ***. Molecular investigation of glycated insulin-induced insulin resistance via insulin signaling and AGE-RAGE axis. **BiochimBiophys Acta Mol Basis Dis.** 2020 Nov 25:166029. doi: 10.1016/j.bbadis.2020.166029. Online ahead of print.



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PMID: 33248275

2. Pradhan G, Sneha M, Sonwane BP, Santhakumari B, Rao A*, **Kulkarni MJ***. Multiple-parallel-protease digestion coupled with high-resolution mass spectrometry: An approach towards comprehensive peptide mapping of therapeutic mAbs.

J Proteomics. 2020 Nov 22:104053. doi: 10.1016/j.jprot.2020.104053

3. Bai S, Chaurasiya AH, Banarjee R, Walke P, **Kulkarni MJ***. CD44, a predominant protein in methylglyoxal induced secretome of muscle cells, is elevated in diabetic plasma. **ACS Omega** (doi.org/10.1021/acsomega.0c01318).

4. Joshi RS*, Jagdale SS, Bansode SB, Shankar SS, Tellis MB, Pandya VK, Chugh A, Giri AP*, **Kulkarni MJ***. Discovery of potential multi-target-directed ligands by targeting host-specific SARS-CoV-2 structurally conserved main protease. **J Biomol Struct Dyn**. 2020 May 5:1-16.

5. Rathore R, Sonwane B, Jagadeeshaprasad MG, Kahar S, Santhakumari B, Unnikrishnan AG, **Kulkarni MJ***. Glycation of glucose sensitive lysine residues K36, K438 and K549 of albumin is associated with prediabetes. **Journal of Proteomics** 2019 Sep 30;208:103481



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Detailed report

Department of Stem Cell and Regenerative Medicine, Centre For Interdisciplinary Research, DY Patil Education Society (Deemed to be University) Kolhapur on organized a guest lecture of Adjunct Faculty, Dr. Mahesh Kulkarni, Senior Principal Scientist, AcSIR Professor and Associate Dean, Biochemical Sciences Division, CSIR-National Chemical Laboratory Pune-411008, India on 10th January 2023.

Chairman for this Guest lecture Prof. Dr. C. D. Lokhande , Dean CIR welcomed the invited speaker Dr. Mahesh Kulkarni, Senior Principal Scientist, NCL Pune. Dr. Shivaji Kashte, Asst. Professor given introductory speech. Dr. Mahesh Kulkarni has given excellent talk on topic 'Advances in Proteomics'. In his talk he has explained about basics in protein sequencing, identification of proteins, Mass spectrometry. Also he extended his talk on his research contribution to understanding protein glycation in diabetes by using mass spectrometric and proteomics approaches. Participants were interacted with Dr. Kulkarni sir in question-answer session. All participants were satisfied with his talk.

Dr. Arpita Pandey Tiwari and Dr. Ashwini Jadhav, Asst. Prof., Department of SCRM were also present in the event. Students of M.Sc. Stem Cell and Regenerative Medicine, M.Sc. Medical Biotechnology and PhD Students of CIR (Total 35 Students) were attended this guest lecture. At the end of session vote of thanks was presented by Dr. Ashwini Jadhav, Asst. Prof., Department of SCRM.

The visit of our Adjunct faculty Dr. Mahesh sir to the CIR was very much useful and his talk was very much informative and useful to all participants.



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'Guest Lecture'

Department of Stem Cell and Regenerative Medicine, Centre For Interdisciplinary
Research

DY Patil Education Society, Deemed to be University, Kolhapur

Date: 10/01/2023

Attendance

| | Name of Participant | Class / Position | Sign |
|-----|------------------------------|------------------|------------|
| 1. | Miss Shinde Nikita Amar. | PhD student | Shinde |
| 2. | Ms. Mounal D. Uape | PhD student | Uape |
| 3. | Kajal Gajanan -Gaikwad | PhD student | Gaikwad |
| 4. | Shahabul Shamsuddin Mujumdar | PhD student | Mujumdar |
| 5. | Nimish Deshpande | PhD student | Deshpande |
| 6. | Priya Wadkar. | M.Sc.-I (SRM) | Wadkar |
| 7. | Neha Atul kumamekar | M.Sc.-I (SRM) | kumamekar |
| 8. | Leena R. Chaudhari | PhD student | Chaudhari |
| 9. | Pratik Ashok Kawale | PhD student | Kawale |
| 10. | Soorash Palate. | M.Sc. I SRM | Palate |
| 11. | Rihan Abdulmajid Manoli | MBT-II | Manoli |
| 12. | Divya Hermant. Lad | MBT-II | Lad |
| 13. | Mahima Madhukar. Patil | MBT-II | Patil |
| 14. | Namrata Paudurang Mungukwade | MBT-II | Mungukwade |
| 15. | Apurva Radip Patil | PhD student | Patil |
| 16. | Sorgun Tushar Basrawi | PhD student | Basrawi |
| 17. | Ashvini Balasahab Patil | Ph.D student | Patil |
| 18. | Tanjila Chandsabeb Gavandi | Ph.D student | Gavandi |
| 19. | Jayshri Ambu Shingde. | Ph.D student | Shingde |
| 20. | Shruti Babasaheb Kambale | MBT II | Kambale |



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Department of Medical Physics

ACTIVITY NAME: International Webinar

| | |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | "International Seminar Series on Nanotechnology for Energy Environment and Sustainability 3.0" |
| Date | 4 th and 5 th January 2023 |
| Name of Resource Persons | 1. Dr. Deepak Dubal, Queensland University of Technology, Australia 2. Dr. Hemraj Yadav, Ramanujan Fellow, Shivaji University, Kolhapur 3. Dr. Mahesh Suryawanshi University, New South Wales, (UNSW), Australia 4. Dr. Vijay Kumbhar, Assistant Professor, DYPES |
| Name of Faculty Coordinator | Dr. Vishwajeet Khot |
| Venue | CIR hall 3 rd Floor |
| Objectives | To develop competitive excellence among student and train them to fitting need of Industries. To provide a platform to interact with eminent personalities from various fields of science and engineering. |
| Description | All the speakers discussed about recent progress in the field of nanotechnology and its applications in energy, environment and sustainability. There was overwhelming response from the participants across the globe. All the sessions were interesting, interactive with active participation by students and faculties. |
| Outcome | Participants got exposure to interact with internationally reputed researchers Participants acquired recent research around the world which help them to progress their research for sustainable development of society |
| No. of participants | 54 |

REPORT

on

**“International Seminar Series on Nanotechnology for Energy,
Environment and Sustainability 3.0”**

4th -5th , January 2023

Organized by

**Department of Medical Physics,
Center for Interdisciplinary Research,
D. Y. Patil Education Society Deemed to be University,
Kolhapur**

Preamble

Higher Education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of Programme

1. To create a vibrant local innovation ecosystem.
2. To develop competitive excellence among student and train them to fitting need of Industries.
3. To update the knowledge of nanotechnology applications for sustainable development of society

Outcome of the Programme

1. Participants got exposure to interact with internationally reputed researchers
2. Participants acquired recent research around the world which help them to progress their research for sustainable development of society

Report

In accordance with the objectives stated above, Department of Medical Physics has organized “International seminar series on Nanotechnology for Environment and Sustainability 3.0” on 4th-5th January 2023.

This is a third consecutive year for the arrangement of International Seminar Series. This year, Dr. Deepak Dubal (Queensland University of Technology, Australia), Dr. Mahesh Suryawanshi (University of New South Wales, Australia), Dr. Hemraj Yadav (Shivaji University Kolhapur) and Dr. Vijay Kumbhar (D. Y. Patil Education Society, Kolhapur) have delivered expert talks related to theme of seminar series which is Nanotechnology for Energy, Environment and Sustainability. The program was conducted at seminar hall of center for Interdisciplinary Research and was open to participants from all disciplines. The brochure was prepared by Dr. V. M. Khot, organizing secretary of this event and gave them a wide publicity through Whatsapp, gmail etc.

As a result of this, 63 participants have registered for this international seminar series within very short span of time. The program inaugurated at 11.00 am on 4th January 2023 by auspicious hand of Hon’ble vice-chancellor Prof. Rakesh Kumar Mudagal, and Dean, CIR, Prof. C. D. Lokhande sir. The inaugural talk was delivered by Dr. Deepak Dubal, Queensland University of Technology, Australia. Prof. C. D. Lokhande, Convener, of the program introduced the guest to participants and described the key contributions of Dr. Dubal in the field of Energy devices. Being the youngest Professor in the history of QUT, Dr. Dubal shared his views on, “Sustainable Materials and Energy Storage” and explored his journey from remote place in India to recognized position in Australia along with recent advances in the field. Dr. Vishwajeet Khot, organizing secretary introduced the next speaker, Dr. Mahesh Suryawanshi, Lecturer, ARC

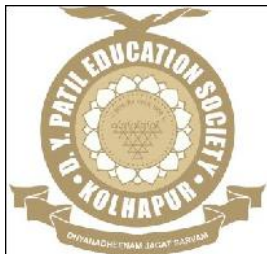
DECRA Fellow, School of Photovoltaic and Renewable Energy Engineering (SPREE), University of New South Wales (UNSW), Australia. Dr. Surywanshi discussed the key findings in “Earth-abundant Copper Chalcogenide Compounds for Solar Energy Conversion” and highlighted the scope for Researcher in this field. The last talk of the day was delivered by Dr. Vijay Kumbhar, Assistant Professor of D. Y. Patil Education Society (Deemed University), Kolhapur. Dr. Kumbhar explained how nanoparticles are playing important role in sustainable development of society. He also provided thoughtful suggestions for overall development of scientific temper among students.

The next day of the seminar series started with the talk by Dr. Hemraj Yadav, from School of NanoScience and Technology, Shivaji University. During his talk, he highlighted, role of well-defined Nanostructures for next-generation energy storage and conversion systems. Dr. Yadav provided insights regarding funding and research opportunities in abroad for Indian budding researcher. In the last lecture, Dr. Sharad Patil, Assistant Professor, D. Y. Patil Education Society, Kolhapur explained Development of nanomaterials for energy storage applications. The session and day end with vote of thanks by Dr. Jayawant Gunjekar, Associate Professor, DYPES.

Due to the renowned speakers and interesting topics, all the sessions were interactive with huge response from participants. The feedback of the conference was conducted post conference and certificates are provided online to each participant.

Glimpse of the program





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Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

APPLICATION FORM FOR FINANCIAL ASSISTANCE FOR CONFERENCE/WORKSHOP/ SEMINAR DURING 2022-23

01. Name of Department: **Department of Medical Physics**

02. Details of Programme

(a) Title of Conference/Workshop/Seminar : **"International Seminar Series on
Nanotechnology for Energy, Environment and Sustainability 3.0"**

(b) Probable dates: **4th January 2023**

(c) Proposed Activities (please tick appropriate Box)

Conference Workshop Seminar
Symposium Hands -on Demonstration Panel Discussion

(d) Duration: **One Day**

(e) Any other.....

(f) Name and details of Organizing Secretary/Co-ordinator: **Dr. Vishwajeet Khot**

03. INVITED SPEAKERS

| S.No. | Name | Designation | Address |
|-------|------------------------|---------------------------|-------------------------------------------------|
| 1. | Dr. Deepak Dubal | Professor | Queensland University of Technology, Australia |
| 2. | Dr. Mahesh Suryawanshi | Lecturer/ARC-DECRA Fellow | University of New South Wales (UNSW), Australia |
| 3. | Dr. Hemraj Yadav | Ramanujan Fellow | Shivaji University, Kolhapur |
| 4. | Dr. Vijay Kumbhar | Assistant Professor | CIR, DYPES |
| 5. | Dr. Sharad Patil | Assistant Professor | CIR, DYPES |
| 6. | Dr. Jaywant Gunjekar | Associate Professor | CIR, DYPES |

(Please attach separate sheet, if space is insufficient)

4. Expected number of participants: **80+**

5. LIKELY BENEFICIARIES OF THE PROGRAMME:

(please tick appropriate Box)

(a) Consultants (b) Post Graduates (c) Specialists

(d) Private Practitioners (e) Academicians (f) Primary Care Doctors

6. INFRASTRUCTURE FOR HOLDING THE PROGRAMME

(Please give details separately)

(a) Venue : **D. Y. Patil Education Society, (Deemed University), Kolhapur**

(b) Audio-video facilities : **Not Required**

(c) Facilities for accommodation for Invited Speakers: **Not Required**

(d) Accommodation for other delegates: **Not Required**

7. Whether any programme have been conducted in your department during last three years, please give details:

| Sr. No. | Date | Title | No. of Participants |
|---------|-------------------------------------------------------|---------------------------------------------------------------|---------------------|
| 1. | 17 th – 18 th December 2022 | IN YAS Science Camp 2022 | 400 |
| 2. | 20 th January 2022 | One Day Workshop on Significant Figures and Error Analysis | 53 |
| 2. | 12 th and 13 th January 2021 | International Seminar Series on Energy and Environment, DYPES | 75 |
| 3. | 9 th to 11 th January 2020 | International Seminar Series on Energy and Environment, DYPES | 43 |

(b) Estimated Expenditure For The Programme

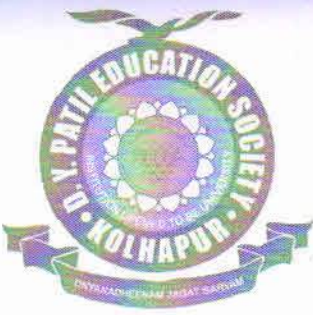
| Expenditure | Amount in Rs. |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| a) Working Lunch & Tea Local Hospitality | 10000/- |
| b) TA /DA | |
| C) Printing of proceedings | |
| d) Printing of Circular, Books Abstracts, Souvenirs | |
| e) Contingency (Local travel, postage secretarial assistance & any other) | |
| F) Other expenses (Please specify) Honorarium calculated Rs. 7000/- per speaker for three speaker including Travel and Hospitality | 21,000/- |
| Total | 31,000/- |

(c) Financial Assistance requested from other Funding Agencies/Sponsor: Rs.....

(d) Financial Assistance requested from University: Rs. **31,000/-**

Date: 02/01/2023

Dr. C. D. Lokhande
Head of Department



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Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

Web: www.dypatilunikop.org, E-mail: info@dypatilkolhapur.org

Prof. C. D. Lokhande
Research Director

No. DYPES/CIR/2022/313

Date: -27/12/2022

NOTICE

Centre for Interdisciplinary Research is organizing International Seminar Series on "Nano Materials for Renewable Energy and opportunities" on Tuesday 27th Dec. 2022 at 12.30 pm.

The resource persons are

1. Dr. Abhijit N. Kadam, Gachon University, Seoul South Korea. Asst. Prof. Wilson College (Autonomous), Mumbai
2. Dr. Chinna D. Bathula, Asso. Prof. Dongguk University, South Korea

All Ph.D. students should attend the seminar/lecture.

Venue: - CIR Meeting Hall

3rd Floor, D. Y. Patil Education Society,
Kolhapur.

Dr. J. L. Gunjekar

Convener

Copy to:

1. PA to Chancellor
2. PA to Vice-Chancellor
3. Registrar Office



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**Department of Medical Physics
and
Centre for Interdisciplinary Research (CIR)**

ACTIVITY NAME: International Seminar Series

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | 'Nanmaterials for Renewable Energy and opportunities' |
| Resource person | Dr. Chinna D. Bathula, Dongguk University, South Korea Dr. Abhijit N. Kadam, Gachon University, Seoul, South Korea |
| Date | Tuesday, December 27, 2022 |
| Name of Faculty Coordinator | Dr. Jayavant L. Gunjekar, (Ramanujan Fellow) |
| Venue | CIR meeting hall |
| Objectives | <ul style="list-style-type: none">• To provide knowledge about the different nanomaterials for renewable energy• To make an awareness of opportunities in the renewable energy• To develop competitive excellence among researchers and to explore them to fit the needs of industries |
| Description | The organized lecture was interesting, and interactive with active participation by research scholars and faculties |
| Outcome | <ul style="list-style-type: none">• Student acquired knowledge regarding renewable energy.• Students are encouraged to do their work to compete at the industrial level.• Participants acquired knowledge about opportunities in renewable energy filed. |
| No. of participants | 35 |



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International Seminar Series on

“Nanomaterials for Renewable Energy and opportunities”

December 27, 2022

Index

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| 2. | Some Snaps | 06-08 |



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REPORT

On

International Seminar Series on

'Nanomaterials for Renewable Energy and opportunities'

By

Dr. Chinna D. Bathula,

Asso. Prof. Dongguk University, South Korea

and

Dr. Abhijit N. Kadam,

Gachon University, Seoul, South Korea

Tuesday, December 27, 2022

Organized by

Department of Medical Physics

and

Centre for Interdisciplinary Research (CIR)



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Preamble

Higher education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have a broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Program

- *To provide knowledge about the different nanomaterials for renewable energy*
- *To make an awareness of opportunities in the renewable energy*
- *To develop competitive excellence among researchers and to explore them to fit the needs of industries*

Outcome of the Program

- *Participants acquired knowledge about opportunities in renewable energy filed.*
- *Participants acquired knowledge regarding renewable energy.*
- *Participants are encouraged to do their work to compete at the industrial level.*
- *Students got familiarized with the information about different facilities available at the speaker's institute.*



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Report

In accordance with the objectives stated above, the Department of Medical Physics and Centre of Interdisciplinary Research (CIR) has organized International Seminar Series on "Nanomaterials for Renewable Energy and opportunities" on December 27, 2022 by Dr. Chinna D. Bathula and Dr. R. R. Salunkhe.

*At this lecture **Dr. Jayavant Gunjekar, Ramanujan Fellow** welcomed all the M.Sc. students and research scholars from the Department of Medical Physics and Centre for Interdisciplinary Research and Dean, Dr. R. S. Patil and resource persons of this international seminar series.*

Research scholar, Mr. Ranjit Nikam, Mr. Vikas Magadum, Mr. Yogesh Chitare, Mr. Vinod Patil have also interacted with resource person about solar cell application. Research students Mr. Sambhaji Kumbhar and Ms. Jyoti Thorat have also discussed what type of research fellowships are available for researchers.

Finally, Dr. Jayavant Gunjekar expressed a vote of thanks for concluding the program.

The organized seminar series has received a good response from students, researchers, and faculties.



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Some Snaps





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DR. D. Y. PATIL
MEDICAL COLLEGE HOSPITAL
& RESEARCH INSTITUTE
KADAMWADI, KOLHAPUR

Guest lecture

SIMULATION PEDAGOGY & CRISIS RESOURCE TEAM TRAINING IN MEDICAL EMERGENCIES

Organized by
Department of Surgery

Date: Wednesday 30th November 2022
Time: 12:00 pm

Venue:
First floor Auditorium hall,
D. Y. Patil Medical College, Hospital &
Research Institute, Kadamwadi, Kolhapur

Requesting all the faculty and residents to
Kindly make it convenient to attend



Speaker:

Dr. Dinker Pai

Professor of Surgery and Director,
Medical Simulation Centre, MGMCRI,
SBV



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Department of Stem Cell and Regenerative Medicine Centre For Interdisciplinary Research (CIR)

ACTIVITY NAME: GUEST LECTURE

| | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | 'Liver Regeneration' |
| Invited Speaker | Prof. Dr. Udayan Apte, Ph.D. DABT , Professor, KU Medical Centre, University Of Kansas Adjunct Faculty |
| Name of Department | Department of Stem Cell and Regenerative Medicine, Centre for interdisciplinary Research |
| Date | 30 th Nov 2022 Time 2.00 pm to 4.00 pm |
| Chairperson | Prof. Dr. C. D. Lokhande Dean CIR |
| Convener | Prof. Dr. Meghnad Joshi, HOD , SCRM AND MBT |
| Organizing secretary | Dr. Ashwini Jadhav, Asst. Prof. CIR |
| Venue | DY Patil Medical College Hospital and research centre DY Patil Education Society, Deemed University, Kolhapur |
| Objectives | To explore the knowledge of Liver regeneration, Liver diseases and its therapy. |
| Description | M.Sc. and PhD Students, faculties of CIR, Department of Stem Cell and Regenerative Medicine and Medical Biotechnology participated in the program. |
| Outcome | The Guest lecture was very much important for M. Sc. and Ph. D. students. It was very much informative and relevant to all participants. |
| No. of participants | 45 |
| Funding | The fund Rs. 13,850/- provided by DY Patil Education Society, Deemed University, Kolhapur to conduct this program. |



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Report

The Guest lecture was organized by Department of Stem Cell and Regenerative Medicine, Centre for Interdisciplinary Research, DY Patil Education Society, Deemed University, Kolhapur. Our Adjunct faculty Prof. Dr. Udayan M. Apte, Ph.D. DABT, Professor, KU Medical Centre, University Of Kansas, was invited for guest lecture on 'Liver Regeneration' on 30th November 2022.

In the program Prof. C. D. Lokhande, Dean, Centre for Interdisciplinary Research, welcomed invited speaker Dr. U. Apte. For this Program Prof. Dr. R. K. Sharma, Dean, DY Patil Medical College Hospital Research institute Kolhapur, Prof. Dr. Shimpa Sharma, Professor Medicine, Prof. Dr. R.S. Patil , Coordinator, Allied Health Sciences, Prof. Dr. Meghnad Joshi, HOD SCRM , Dr. Ashwini Jadhav, Asst. Prof. SCRM, Dr. Shivaji Kashte Asst. Prof. SCRM and Dr. Vishwajit Khot Asso. Prof. CIR were present.

Dr. Udayan Apte gave an informative lecture on 'Liver regeneration'. The session was very much interactive. Faculties and students interacted with Dr. Apte regarding research opportunities in Liver regeneration.

End of the program vote of thanks given by Prof. Dr. Meghnad Joshi, HOD , SCRM.

All faculties and students were benefited by this activity.

M.Sc. and PhD Students (Total 39) of CIR and faculties (09) of university were participated and benefited by this lecture.

Abstract of the Lecture:

Initially Dr. Udayan Apte explained basics of liver function and Cell biology in his talk. He gave information about the Liver diseases and liver transplantation. Later he explained his contribution of research related to transcription factor HNF4 α . HNF4 α inhibits hepatocyte proliferation and is a tumor repressor. HNF4 α has active role in drug induces liver injury. HNF4 α -cMyc interaction is involved in regulation of cellular antioxidant defense. HNF4 α is target for environmental chemicals like (PFAs and PCBs).



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Biodata of Invited speaker

Udayan M. Apte, Ph.D. DABT



Professor, Pharmacology, Toxicology & Therapeutics
uapte@kumc.edu

Professional Background

Dr. Apte is a toxicologist and a liver pathobiologists. His research is focused on mechanisms of liver regeneration, drug-induced liver injury, pathogenesis of liver cancer and effects of perfluorinated chemicals on the liver. Dr. Apte teaches toxicology to graduate students and medical students, and serves as a course director for two main toxicology courses in his department.

Dr. Apte is also a board certified toxicologist and is a member of the US EPA's Scientific Advisory Committee on Chemicals (SACC).

Education and Training

- BSc, Zoology, Willingdon College, Sangli, India
- MSC, Cell Biology, Shivaji University, Kolhapur, India
- PhD, Toxicology, The University of Louisiana at Monroe, Monroe, LA, USA
- Post Doctoral Fellowship, Alcoholic Liver Disease, Texas A&M University, College Station, TX



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- Post Doctoral Fellowship, Liver regeneration and pathogenesis of liver cancer, University of Pittsburgh School of Medicine, Pittsburgh, PA

Licensure, Accreditations & Certifications

- Diplomate, American Board of Toxicology

Research

Overview

Dr. Apte leads an NIH-funded research program focused on determining the mechanisms liver differentiation, liver regeneration, liver cancer and the adverse effect of environmental contaminants on the liver. There are three main and inter-linked areas of research in the laboratory. First, we have been investigating the mechanisms of liver regeneration and recovery after acetaminophen (APAP) overdose, which is the most common cause of acute liver failure in the Western world. Mechanisms of APAP-induced liver injury have been investigated for decades but the mechanisms of liver regeneration and recovery are relatively less studied, despite significant therapeutic potential. Secondly, we are studying mechanisms that balance hepatocyte differentiation and hepatocyte proliferation. In this project, we are studying the role of a nuclear receptor called HNF4a, which is a master regulator of hepatic differentiation and a major tumor suppressor in the liver. Finally, we are investigating the mechanisms of liver injury induced by persistent organic chemicals called poly and perfluorinated chemicals. We use complex tissue and cell specific knockout and transgenic mouse models combined with Next Generation Sequencing technology in our research.

Publications

- Bhushan, B, Walesky, C, Manley, M, Gallagher, T, Borude, P, Edwards, G, Monga, S., P, Apte, U. 2014. Pro-regenerative signaling after acetaminophen-induced acute liver injury in mice identified using a novel incremental dose model.. *The American journal of pathology*, 184 (11), 3013-25
- Walesky, C, Edwards, G, Borude, P, Gunewardena, S, O'Neil, M, Yoo, B, Apte, U. 2013. Hepatocyte nuclear factor 4 alpha deletion promotes diethylnitrosamine-induced hepatocellular carcinoma in rodents.. *Hepatology (Baltimore, Md.)*, 57 (6), 2480-90



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- Huck, I, Gunewardena, S, Espanol-Suner, R, Willenbring, H, Apte, U. 2018. Hepatocyte Nuclear Factor 4 alpha (HNF4 α) Activation is Essential for Termination of Liver Regeneration.. *Hepatology (Baltimore, Md.)*
- Beggs, K., M, McGreal, S., R, McCarthy, A, Gunewardena, S, Lampe, J., N, Lau, C, Apte, U. 2016. The role of hepatocyte nuclear factor 4-alpha in perfluorooctanoic acid- and perfluorooctanesulfonic acid-induced hepatocellular dysfunction.. *Toxicology and applied pharmacology, 304*, 18-29
- Poudel, Samikshya, Cabrera, Diego., Paine, Bhushan, Bharat, Manley Jr, Michael, Gunewardena, Sumedha, Jaeschke, Hartmut, Apte, Udayan. 2021. Hepatocyte-Specific Deletion of Yes-Associated Protein Improves Recovery From Acetaminophen-Induced Acute Liver Injury. *Toxicological Sciences, 184 (2)*, 276-285.



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LECTURE SERIES
**LIVER
REGENERATION**

Organized by
Department Of Stem Cell and Regenerative
Medicine, Centre For Interdisciplinary Research,
DYPES Kolhapur (CIR)

Date & Time: 30th Nov 2022,
at 12.30 pm to 2.30 pm.
Venue: 4th Floor, Lecture hall,
D. Y. Patil Medical College Hospital &
Research Institute, Kadamwadi, Kolhapur

Convener
Prof.(Dr). Meghnad Joshi
HOD , SCRM and MBT

Organizing secretary
Dr. Ashwini Jadhav
Assistant Professor,
Department of Stem Cell and Regenerative Medicine

Chairman
Prof. C. D. Lokhande
Dean,
Centre For Interdisciplinary Research

Speaker
Dr. Udayan M. Apte
Ph.D. DABT, Professor, KU Medical Centre,
University of Kansas



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Attendance

| Centre For interdisciplinary Research Department Of Stem Cell and Regenerative Medicine Lecture Series on Topic "Stem Cell Regeneration" Date: 26/11/2022 Resource Person: Prof. Dr. Udayan Apte | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|------|
| | Name of Participants | Class | Sign |
| 1. | Priya Shitalkumar Wadkar | M.Sc. (GenM) | |
| 2. | Neha Mohanrambhai | M.Sc. (GenM) | |
| 3. | Abhishha Avinash Yadav | M.Sc. (GenM) | |
| 4. | Atul Chandan Ramani | M.Sc. (MBB) | |
| 5. | Shubhangi Tukaram Patil | M.Sc. (GenM) | |
| 6. | Bhusha P. Jadhav | M.Sc. (GenM) | |
| 7. | Manali Hegde Patil | M.Sc. (GenM) | |
| 8. | Ujjal Ashi Mankar | M.Sc. (GenM) | |
| 9. | Raj Verma | M.Sc. (GenM) | |
| 10. | Garvash S. Patil | M.Sc. (GenM) | |
| 11. | Sruvami V. Sawade | M.Sc. (GenM) | |
| 12. | Shraddha A. Chaudhari | M.Sc. (GenM) | |
| 13. | Susmita S. Patil | M.Sc. (GenM) | |
| 14. | Batiksha G. Phadnis | M.Sc. (GenM) | |
| 15. | Tarjita C. Govardi | Ph.D. student | |
| 16. | Anuja A. Vishwak | Ph.D. student | |
| 17. | Jyotsna P. Patil | Ph.D. student | |
| 18. | Abhinav Balachand Patil | Ph.D. student | |
| 19. | Sonun Tukar Ramani | Ph.D. student | |
| 20. | Kajal Sojanan Chaudhari | Ph.D. student | |
| 21. | Shirish Patil | Ph.D. student | |
| 22. | Kajal Pradip Patil | Ph.D. student | |
| 23. | Usha R. Chaudhari | Ph.D. student | |




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|  Centre For Interdisciplinary Research Department Of Stem Cell and Regenerative Medicine Lecture Series on Topic 'Liver Regeneration' Date: 30/11/2023 Resource Person: Prof. Dr. Udayan Apte | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------|---------|
| 24 | Prachi Ramesh Markande | M.Sc.T (MGT) | Present |
| 25 | Sanali Santhakumar (Padhye) | M.Sc. IT - II | Present |
| 26 | RIZWAN ABULMAJED MAHMOUD | M.Sc. II - | Present |
| 27 | Sonal Vikas Patil | M.Tech Student | Present |
| 28 | Chaitali Namath Shinde | Ph.D. Student | Present |
| 29 | Vishakha Suryakant Partho | -II- | Present |
| 30 | Pranati Anil Kamble | -II- | Present |
| 31 | Nadaya Nijazrahmad Patel | -II- | Present |
| 32 | Nagaji Mahadev Chhatrapati | -II- | Present |
| 33 | Rutuja Prashant Ganbhiri | Ph.D. Student | Present |
| 34 | Radhika Babasubh Jadhav | Ph.D. Student | Present |
| 35 | Sayali Ashok Chougale | Ph.D. Student | Present |
| 36 | Jayadevi Sureshwarji Shrawaji | Ph.D. Student | Present |
| 37 | Mehay Ashok - Kawade | Ph.D. Student | Present |
| 38 | Shubhraj - Ganeshwarji Mujawar | Ph.D. Student | Present |
| 39 | Niravita Roshanade | Ph.D. Student | Present |
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1. Welcome of Guest Dr. Udayan Apte by Prof. C. D. Lokahnde, Dean CIR



2. Talk by Prof. Dr. Udayan Apte





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3. Introduction speech Dr. Shivaji Kashte



4. Participants of the program





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5. Interactive Session



Feed Back analysis

Feedback was taken from participants. This guest lecture was very much informative and beneficial for all the participants. All the participants were satisfied with lecture given by invited Speaker Dr. Udayan Apte

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Guest lecture on Biomedical Waste management |
| Date | 10/12/2022 |
| Name of Faculty Coordinator | Dr. V. S. Vatkari Associate Professor in dept. of Microbiology |
| Venue | Practical hall Microbiology department, D. Y. Patil Medical college Kolhapur. |
| Objectives | To create awareness about proper management of hospital waste. |
| Description | Dr. V. S. Vatkari introduced guest speaker, Dr. Hemangi Palekar Assistant Professor RSCM GMC Miraj. Dr. Hemangi explained in detail the methods of segregation of hospital waste in appropriate colour coded bins like red, yellow blue and white. She also told to use biohazard symbol sticker on the collected waste. She explained the preventive to be taken during collection and disposal of hospital waste. Arun Kumar sir gave vote of thanks. |
| Outcome | Students became aware of the correct method of hospital waste disposal, spill management, needle stick injury etc. There was active interaction. |
| No. of participants | 85 |





D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR

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869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 Phone No. : (0231) 2601235-36, Fax: (0231) 2601595

Department of Stem Cell and Regenerative Medicine (SCRM), Centre for Interdisciplinary Research (CIR)

ACTIVITY NAME: Industrial Visit

| | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Industry: | <ol style="list-style-type: none">1. "Stem Plus Cryopreservation Pvt. Ltd. Sangli"2. "Om Sai Clinical Research Pvt. Ltd. Sangli"3. "Aureus Research Pvt. Ltd. Sangli" |
| Date of Visit | Thursday, October 12 th , 2022 |
| Full Address of Industry | <ol style="list-style-type: none">1. Sangli Miraj Kupwad Commercial Complex, C/S No. 1317/2, Near Shivaji Maharaj Putla, Bus Stand Road, Gaon Bhag, Sangli, MS - 416416, India.2. C.S.T. No.379/1-6, Karnal Chowki, Peth Bhag, Sangli - 416 416, Maharashtra, India3. Cst 3791/6, Karnal Chowki, Peth Bhag, Sangli - 416 416, Maharashtra, India |
| Name of Faculty Coordinator | Dr. Shivaji Kashte |
| Objectives | <ul style="list-style-type: none">• To make aware MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students about stem cells and their applications, clinical research and food testing and analysis• To develop competitive excellence among Students and to explore them to fitting need of industries• To provide a platform to interact with experts from industry |
| Description | All the students visited the facilities and had a brief discussion with the industry staff. |
| Outcome | <ul style="list-style-type: none">• Participants got exposure to interact with experts in the field of stem cells and regenerative medicine, clinical research and food testing and analysis• Participants acquired detailed knowledge about cord blood and stem cells banking, clinical research and food testing and analysis |
| No. of participants | 12 |



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“Industrial Visit”

October 12th, 2022

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“Industrial Visit”

October 12th, 2022

Detailed Time table of the program

| <i>Activity</i> | <i>On 06 January 2022/ Time</i> |
|--------------------------------------------------------------|--------------------------------------------|
| <i>Reporting time to all participants</i> | <i>9:30 am</i> |
| <i>Leaving to Sangli from Kolhapur</i> | <i>10: 00 am</i> |
| <i>Visit to Om Sai Clinical Research Pvt. Ltd. Sangli</i> | <i>11:30 am to 01:30 pm</i> |
| <i>Visit to Aureus Research Pvt. Ltd. Sangli</i> | <i>02:00 pm to 3:30 pm</i> |
| <i>Visit to “Stem Plus Cryopreservation Pvt. Ltd. Sangli</i> | <i>04:00 pm to 05:30 pm</i> |
| <i>Arriving back to Kolhapur</i> | <i>6: 00 pm</i> |



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REPORT

On

“Industrial Visit”

October 12th, 2022

Organized by

Department of Stem Cell and Regenerative Medicine (SCRM),

Centre for Interdisciplinary Research (CIR).



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Preamble

Higher education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Program

- *To make aware MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students about stem cells and their applications*
- *To develop competitive excellence among Students and to explore them to fitting need of industries*
- *To provide a platform to interact with experts from industry of stem cells and regenerative medicine*

Outcome of the Program

- *Participants got exposure to interact with experts in the field of stem cells and regenerative medicine*
- *Participants acquired detailed knowledge about cord blood and stem cells banking*
- *Participants acquired knowledge about various opportunities and future prospects of stem cells and regenerative medicine*



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Report

In accordance with the objectives stated above, Department of Stem Cell and Regenerative Medicine, Centre of Interdisciplinary Research, has organized “Industrial Visit at Om Sai Clinical Research Pvt. Ltd. Sangli, Aureus Research Pvt. Ltd. Sangli and Stem Plus Cryopreservation Pvt. Ltd. Sangli” on October 12th, 2022.

We have started our journey at 10:30 am from D. Y. Patil Education Society (Institution Deemed to be University) and reached to Sangli at around 11.20 am. We have reached to Om Sai Clinical Research Pvt. Ltd. Sangli around 11.30 am. We visited the facility and interacted with the staff of Om Sai Clinical Research Pvt. Ltd. Sangli. Om Sai Clinical Research Pvt. Ltd. (OSCR) specializes in conducting clinical research –Bioequivalence and Bioavailability studies. They have fully Loaded Clinical unit with ICU Beds. Analytical laboratory is equipped with 2 LC-MS/MS AB Sciex API 3200 & AB Sciex API 4000 instrument, other modern instruments & equipments.

We have reached to Aureus Research Pvt. Ltd. Sangli around 2:00 pm. Aureus Research Private Limited is a Private incorporated on 30 June 2015. They provide Water testing service in Maharashtra. Directors of Aureus Research Private Limited are Anjali Abhay Patkar and Abhay Narsinh Patkar. The refreshment was served to all participants.

We have reached to Stem Plus Cryopreservation Pvt. Ltd. at around 03:30 pm. All the participants were separated into batches and all the facilities and process of cord blood and stem cell banking were explained to them by technicians from Stem Plus Cryopreservation Pvt. Ltd.

Around 5:30 pm we have started the return journey to Kolhapur and reached near around 6:30 pm. All the MSc. Stem Cell and Regenerative Medicine and MSc. Medical Biotechnology students participated in to this industrial visit with 100% attendance.

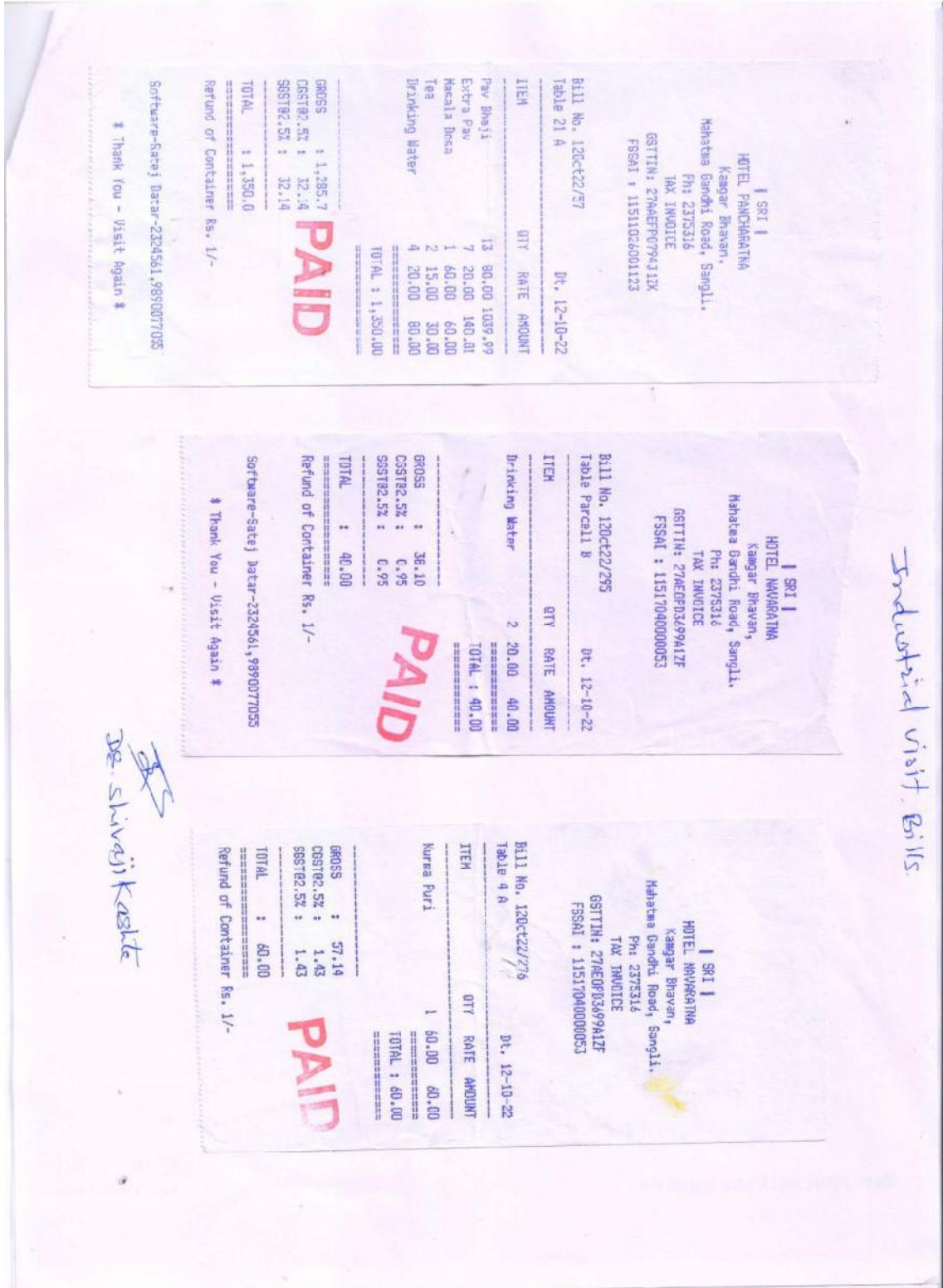


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PAID

SRI |
HOTEL NAVARATHNA
Kamgar Bhavan,
Mahatma Gandhi Road, Sangli,
Ph: 2375316
TAX INVOICE
GSTIN: 27AEP079411X
FSSAI : 1151026001123

Bill No. 120ct22/257 Dt. 12-10-22
Table 21 A

| ITEM | QTY | RATE | AMOUNT |
|----------------|-----|-------|-----------------|
| Pav Bhaji | 13 | 80.00 | 1039.99 |
| Extra Pav | 7 | 20.00 | 140.00 |
| Masala Posa | 1 | 60.00 | 60.00 |
| Tea | 2 | 15.00 | 30.00 |
| Drinking Water | 4 | 20.00 | 80.00 |
| TOTAL | | | 1,350.00 |

GROSS : 1,395.7
CGST@2.5% : 32.14
SGST@2.5% : 32.14
TOTAL : 1,350.00

Refund of ContAINER Rs. 1/-

Software-Satej Datar-2324561,9890077055
* Thank You - Visit Again *

PAID

SRI |
HOTEL NAVARATHNA
Kamgar Bhavan,
Mahatma Gandhi Road, Sangli,
Ph: 2375316
TAX INVOICE
GSTIN: 27AEP0349941ZF
FSSAI : 11517040000053

Bill No. 120ct22/295 Dt. 12-10-22
Table Parcell B

| ITEM | QTY | RATE | AMOUNT |
|----------------|-----|-------|--------------|
| Drinking Water | 2 | 20.00 | 40.00 |
| TOTAL | | | 40.00 |

GROSS : 36.10
CGST@2.5% : 0.95
SGST@2.5% : 0.95
TOTAL : 40.00

Refund of ContAINER Rs. 1/-

Software-Satej Datar-2324561,9890077055
* Thank You - Visit Again *

PAID

SRI |
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Kamgar Bhavan,
Mahatma Gandhi Road, Sangli,
Ph: 2375316
TAX INVOICE
GSTIN: 27AEP0349941ZF
FSSAI : 11517040000053

Bill No. 120ct22/279 Dt. 12-10-22
Table 4 A

| ITEM | QTY | RATE | AMOUNT |
|--------------|-----|-------|--------------|
| Kurasa Puri | 1 | 60.00 | 60.00 |
| TOTAL | | | 60.00 |

GROSS : 57.14
CGST@2.5% : 1.43
SGST@2.5% : 1.43
TOTAL : 60.00

Refund of ContAINER Rs. 1/-

Software-Satej Datar-2324561,9890077055
* Thank You - Visit Again *



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Photographs



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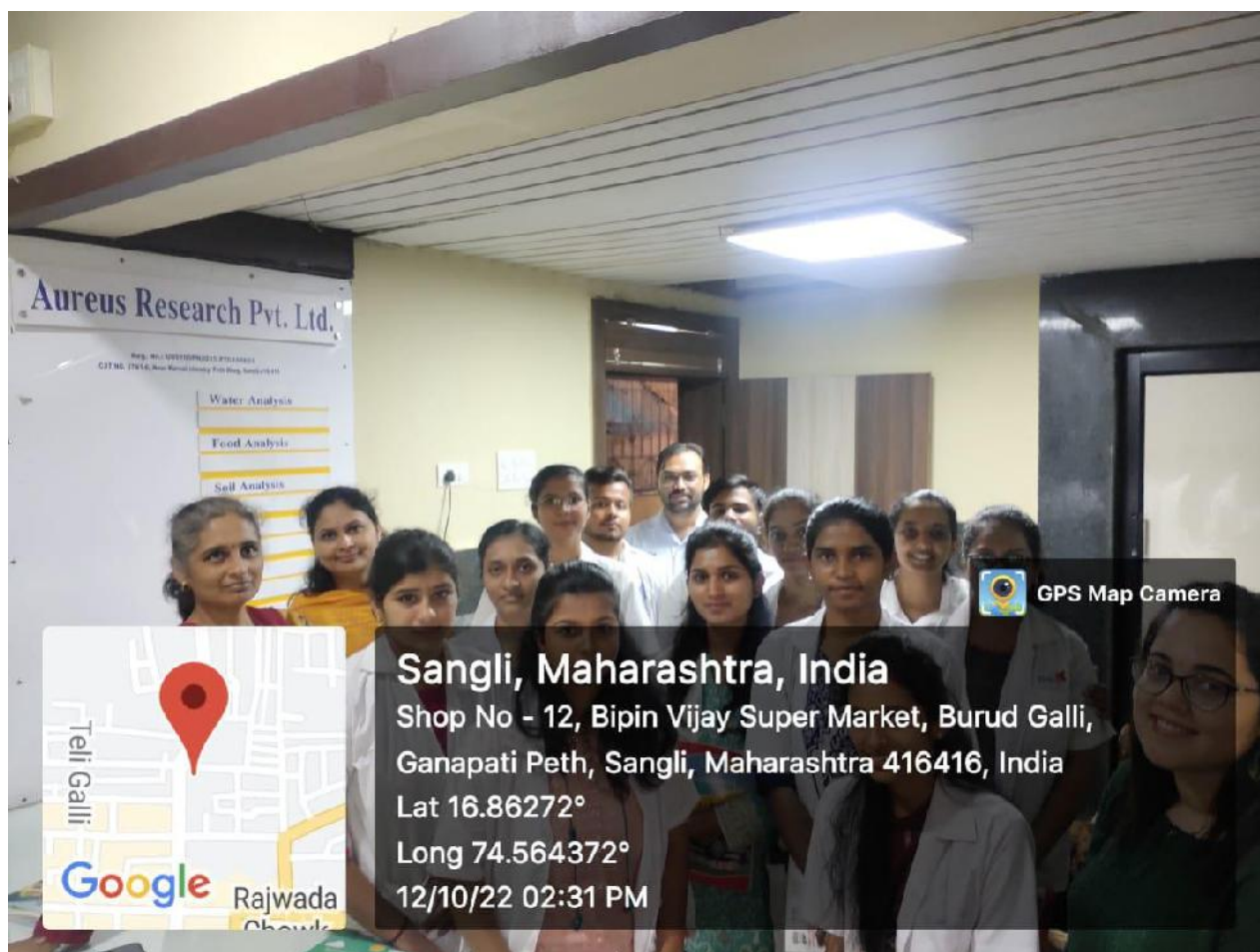


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Department of Stem Cell and Regenerative Medicine & Medical Biotechnology,
Centre For Interdisciplinary Research,
DY Patil Education Society, Deemed University, Kolhapur
Industrial Visit
Date 12/10/2022
Attendance

| | Name of Participant | Class | Sign |
|-----|---------------------------|----------------|-----------|
| 01. | Priya Shitalkumar Wadkar. | M.Sc.-I | |
| 02. | Neha Atul kumamekar. | M.Sc.-I | Neha- |
| 03 | Raj Verma | MS-C-I(SCRM) | Raj Verma |
| 04 | Seevesh S. Patoge | M.S.-C-I(SCRM) | |
| 05 | Shivani Dhale. | MSc MBT | |
| 06 | Shrutika madhale | MSc MBT | |
| 07 | Shrutika Patil | MSc-MBT | |
| 08 | Karishma Hakin | MSc-MBT | KATI |
| 09 | Bushra J Tehalkaranjikar | MSc-SCRM | |
| 10 | Manali Patil | MSc-SCRM | |
| 11 | Shubhangi Patil | MSc-SCRM | |
| 12 | Pragati Sawant | MSc-MBT | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Teachers

1)

Dr. Ashwini Jadhav

2)

Dr. Shivaji B. Kashte
M. Sc., NET, Ph.D.,
Assistant Professor,
Department of Stem Cells
and Regenerative Medicine,
Centre for interdisciplinary Research,
D. Y. Patil Education Society,
(Institution Deemed to be University)
Kolhapur-416 006 (India)



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One Day Seminar on

Industry -Academia association: A forward step for bringing the scientific innovation from research lab to market

| | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | One Day Seminar on Industry -Academia association: A forward step for bringing the scientific innovation from research lab to market |
| Date | 4 th October, 2022 |
| Name of Faculty Coordinator | Dr. Arpita Pandey Tiwari |
| Resource Person | 1, The Coviself Story - By Dr Shrikant Pawar |
| | 2. My Lab: Innovating for Billion People: Dr. Minal Dakhave |
| Venue | <i>CIR meeting hall</i> |
| Objectives | <ul style="list-style-type: none">• To make aware MSc. Students and Researchers about the requirements of medical industry• To provide a platform to interact and express their views on Industry Academia association for translating the research findings into commercial product . |
| Description | <i>The participants discussed about opportunities and requirements of Industry for translating the research findings into commercial product .</i> |
| Outcome | <ul style="list-style-type: none">• Participants got exposure to interact with Faculties and discuss the aspects of Industry Academia association• Participants acquired knowledge about various opportunities and future prospects of Industry Academia association |
| No. of participants | 41 |



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One Day Seminar
On
Industry -Academia association: A forward step
for bringing the scientific innovation
from research lab to market

Date: 4/10/2022

Venue: CIR Conference Hall

Organized By:
Dr. Arpita Pandey Tiwari,
Associate Professor,
Department of Medical Biotechnology



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Seminar on

INDUSTRY -ACADEMIA ASSOCIATION : A FORWARD STEP FOR BRINGING THE SCIENTIFIC INNOVATION FROM RESEARCH LAB TO MARKET

Lectures:

1. The Coviself Story

Dr Shrikant Pawar

2. My Lab: Innovating for a Billion People

Dr. Minal Dakhave

Organized By:

Dr. Arpita Pandey Tiwari,

Associate Professor, Department of Medical Biotechnology



Dr. Minal Dakhave
General Manager - R&D



Dr. Shrikant P. Pawar
General Manager - R&D,
Serology and Microbiome

Date: 4/10/2022

Venue: CIR Conference Hall



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Report:

Department of Medical Biotechnology and Stem Cell for Interdisciplinary Research, Centre for Interdisciplinary Studies of D. Y. Patil Education Society, Deemed to be University, Kolhapur has organized One Day Seminar on Industry -Academia association: A forward step for bringing the scientific innovation from research lab to market On 4/10/2022 at CIR Conference Hall.

The talk on “**The Coviself Story**” was delivered by **Dr Shrikant Pawar**. The Talk focused on **the development of first Covid -19 antigen detection kit**. **Dr. Minal Dakhave delivered the talk on My Lab: Innovating for Billion People** describing her journey towards India’s first RT-PCR based Covid detection kit.

Total number of student participants of the seminar was 41. The Seminar was attended by the faculties and students of Department of Medical Biotechnology and Stem Cell and Regenerative Medicine, Center for Interdisciplinary Research, Kolhapur.



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Department of Stem Cell and Regenerative Medicine & Medical Biotechnology,
Centre For Interdisciplinary Research,
DY Patil Education Society, Deemed University, Kolhapur

Date 04/10/2022

Attendance

| | Name of Participant | Class | Sign |
|----|-------------------------------|---------------|-------------|
| 1 | Mihir Rajesh Shah | MSc II | [Signature] |
| 2 | Niraj Suryakant Mane | MSc - MBT-II | [Signature] |
| 3 | Manali Dagadu Patil | M.Sc I SEM | [Signature] |
| 4 | Shubhangi Yashwantrao Patil | M.Sc I SEM | [Signature] |
| 5 | Rohan Abdulmajid Manoli | MSc II MBT | [Signature] |
| 6 | Jyotsnathi Vijaykumar Gaikwad | M.Sc - II MBT | [Signature] |
| 7 | Mahima Madhukar Patil | -II- | [Signature] |
| 8 | Ashwini Balakrishna Patil | Ph.D student | [Signature] |
| 9 | Sargus Tushar Bhatani | " | [Signature] |
| 10 | Tanjita Chandrakant Gavandi | " | [Signature] |
| 11 | Putuja Prakash Ganbhiri | " | [Signature] |
| 12 | Tejaswini Pruthviraj Patil | " | [Signature] |
| 13 | Vishakha Suryakant Parkhe | -I- | [Signature] |
| 14 | Pranoti Anil Kamble | " | [Signature] |
| 15 | Nandana Paudyal Mangewade | MSc II MBT | [Signature] |
| 16 | Pranoti Ramesh Naikwad | MSc II MBT | [Signature] |
| 17 | Sonali Sonalkumar Upadhye | -I- | [Signature] |
| 18 | Amruta Rabant Bhupale | -II- | [Signature] |
| 19 | Leena Rajendra Chaudhari | PhD Student | [Signature] |
| 20 | Chaitali Navnath Sunde | PhD student | [Signature] |



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| | | | |
|-----|-------------------------------|---------------|-------|
| 21. | Akshay. Ashok Kawale | Ph.D student | |
| 22. | Sonal Vilas Patil | Ph.D student | |
| 23. | Shakharaj Shumshuddin Mujawar | Ph.D. student | |
| 24. | Snehal - Satapa - Hajare | M.Sc. student | |
| 25. | Shubhangi Dhairysbil Deshmukh | M.Sc.II MBT | |
| 26. | Ahmanita Babasaheb Kambhe | M.Sc.II MBI | |
| 27. | Divya Hemant Lad | M.Sc.II MBT | |
| 28. | Manuel Nazareno Dantas | Ph.D student | |
| 29. | Saavesh Sachin Palase | M.Sc.I Scm | |
| 30. | Tanaya Ait Chavan | M.Sc.II MBT | |
| 31. | Shrutika Satish Nikam | M.Sc.II MBT | |
| 32. | Tejaswini Pruthviraj Patil | Ph.D student | |
| 33. | Neha Atul kumar metas | M.Sc.-2 Scm | Neha. |
| 34. | Priya Chitalkumar Wadkar | M.Sc. I (Scm) | |
| 35. | Rushika I Ichalkaranjekar | M.Sc.I (Scm) | |
| 36. | Shrushti Satish Patil | M.Sc.I (Scm) | |
| 37. | Shivani Vasudev Dhote. | M.Sc.I (Scm) | |
| 38. | Kalbura Ayub Hakeem | M.Sc.I (MBT) | |
| 39. | Shrutika Shishir Madhavi | M.Sc.I (MBT) | |
| 40. | Arzoo Arvind Vibhute | Ph.D student | |
| 41. | Raj P. Patil | Ph.D student | |
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Dr. Minal Dakhve

GENERAL MANAGER - R&D

Mrs. Minal has a 7 years of experience in Molecular disease detection procedures and here at Mylab she is responsible for initiating and driving the reagent and assay development projects to enable the pipeline of next-generation of research and diagnostic applications.



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Dr. Shrikant P. Pawar

GENERAL MANAGER (R&D) SEROLOGY & MICROBIOME

Dr. Pawar heads the Serology and Microbiome (R&D) at Mylab. He has played a major role in developing India's first Self-Test kit, 'CoviSelf' which was launched earlier in the year 2021. He has wide experience in managing and executing mega projects including high throughput bacterial culturomics from the human gut and other environmental niches, and their screening for various industrially important enzymes and also in cultivation, characterization, and preservation of microbes from marine sponges. He has been involved in various microbial genomics projects and carried out studies to elucidate their functional role in various environmental niches. He also has a deep interest in screening for bacterial isolates for significant probiotic properties both on the phenotypic and genotypic levels.

Prior to Mylab, he worked as a Scientist at NCMR, NCCS, Pune. He also holds the position of Joint Secretary, Association of Microbiologist of India (Pune Unit).

Dr. Pawar received his Ph. D. in Microbiology from North Maharashtra University, Maharashtra, and M. Sc. In Microbiology from Modern College, University of Pune Maharashtra.

He has also contributed to many research papers and was invited to talk at many events related to Serology, microbiology and microbiome.



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Dr. Arpita Pandey Tiwari (M.B., Ph.D.)
Associate Professor,
Department of Medical Biotechnology



Centre for Interdisciplinary Research,
869, 'E', D. Y. Patil Vidyanagar,
Keshavnagar, Kolhapur-416006, India,
Phone: (0231)-2601235-36, Fax: (0231)-2601595
Mob: +91 9249261122
E-mail: arpita@dyes.edu

Date: 3/10/2022

To,
The Registrar,
D. Y. Patil Education Society,
(Deemed to be University) Kolhapur.

Subject: Permission to Organize One Day Seminar for M.Sc. /Ph.D students (Medical Biotechnology and Ph.D students) and sanction of Rs. 6500/- for organization of program.

Sir,

We would like to organize a one day seminar in association with scientists from MyLab Discovery Solutions, Pune. We request you to please sanction the financial assistance of Rs. 6500/- for One Day Seminar on recent advances in Molecular Diagnostics. The speakers are-

1. Dr. Shrikant Pasare, Scientist
2. Dr. Mital, Manager

Please sanction financial assistance of Rs. 6500/-. The application for financial assistance is attached herewith.


This is for your kind consideration and further necessary action.


Thanking You,


Yours Sincerely,


Dr. Arpita Pandey Tiwari

Forwarded through,


Dr. Meghnad Joshi
HOD


Prof. C. D. Lokhande
Research Director and Dean CIR,

approved

4.10.2022



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| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | “Guest Lecture on Image Guided Adaptive Radiotherapy-IGRT” |
| Date & Time | 30 th Aug 2022 & 04.30 to 06:00 PM |
| Name of the Convener | Prof. C. D. Lokhande |
| Name of the Organizing Coordinator | Dr. K. Mayakannan |
| Venue | CIR Seminar Hall + Online Meeting Application-Microsoft team |
| Objectives | <ul style="list-style-type: none">✚ To understand the advance image guided IGRT basics✚ To understand the important of Quality Assurance in IGRT✚ To Understand the quality improvement Research on IGRT |
| Description | <ul style="list-style-type: none">✚ The speaker presented about the history IGRT.✚ Speakers covered about the important of quality assurance of IGRT and its experimental setups✚ Also speaker covered the his Research output and important on IGRT |
| Outcome | ✚ Dr Mohamathu Rafic Kather Hussain: Participants got the idea and aim of the program, introduced about the important of IGRT and its quality improvement Research outputs. |
| No. of Participants | 40 (Students, Faculties etc.,) |



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| S. No | Content | Page Number |
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| 1 | Guest Lecture Notice/Circular | 3-4 |
| 2 | CV of the Speaker | 5-10 |
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| 5 | Thanking You | 17 |



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1. Guest Lecture Notice/Circular



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NOTICE

This is to notify that Department of Medical Physics, CIR has arranged a lecture on **"Image Guided Adaptive Radiotherapy"** on 30th Aug 2022 at 04.30 pm to 05:30pm by **Dr. K. Mohamathu Rafic M.Sc., Ph.D., Ph.D., MCMPI**, Senior Medical Physicist cum RSO, Department of Radiation Oncology, Government Medical College and Hospital, Pudukkottai- 622003, Tamil Nadu for M. Sc. Medical physics students.

Venue: CIR meeting hall

3rd floor, D. Y. Patil Education society

Kolhapur.

Date: 30th Aug 2022

Time: 4.30pm to 5.30 pm

Attendance is compulsory for 1st and 2nd year M. Sc Medical physics students.


Prof. C. D. LOKHANDE
Research Director
D. Y. Patil Education Society
(Institution Deemed to be University)
869, 'E', Kasaba Bawada
KOLHAPUR- 416006



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2. CVs of Speaker



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Dr Mohamathu Rafic Kather Hussain

Senior Medical Physicist and Radiation Safety Officer

Government Medical College and Hospital,

Pudukkottai - 622 003, Tamil Nadu, India.

Mob: +91 99944 32135; email: drkmrafic@gmail.com, raficmphy@cmcvellore.ac.in



PROFESSIONAL SUMMARY

Certified Medical Physicist with 10+ years of cross-functional experience in Radiation Oncology. Extensive knowledge in commissioning, dosimetry and QA, and a strong understanding of the driving forces behind new technologies and advances in radiation oncology medical physics.

ACADEMIC PROFILE

- ✓ Bachelor's degree in Physics - Jamal Mohamed College, Tamil Nadu, India, (2006 - 2009)
- ✓ Master's Degree in Medical Physics - Bharathidasan University, Tamil Nadu, India, (2009- 2011)
- ✓ Radiation Safety Officer Certification (RSO - Medical) - Bhabha Atomic Research Centre, Government of India, Mumbai, India (2014)
- ✓ Board Certification - College of Medical Physicist of India Certification Board, India (2018)
- ✓ Doctor of Philosophy (PhD in Medical Physics) - Christian Medical College, Vellore affiliated to Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu, India (2015 - 2018)

SUMMARY OF PROFESSIONAL EXPERIENCE

| Name & Address of Employer | Position Held | Key Responsibilities | Dates – From/To |
|---------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Government Medical College and Hospital, Pudukkottai, Tamil Nadu, India 622 003 | Senior Medical Physicist and Radiation Safety Officer | Project Management, Medical Physics Administration, New Radiation facility design and Planning, Research, Teaching and Mentoring post graduate students | Jul 2022 to Present |
| Government Rajaji Hospital and Madurai Medical College, | Senior Medical Physicist and Radiation Safety | Medical Physics Administration, New Radiation facility design and Planning, Radiation protection, | Oct 2019 to Jul 2022 |



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| | | | |
|---------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------|
| Madurai, Tamil Nadu, India 625 020 | Officer | Research, Teaching and Mentoring post graduate students | |
| Christian Medical College, Ida Scudder Road, Vellore, Tamil Nadu, India 632 004 | Lecturer in Radiological Physics | Treatment Planning, Commissioning, QA, Dosimetry, Research, Teaching and Mentoring post graduate students | Jan 2014 to Oct 2019 |
| Christian Medical College, Ida Scudder Road, Vellore, Tamil Nadu, India 632 004 | Associate Research Officer | Treatment Planning, Quality Assurance, Dosimetry and Research | Jan 2012 to Jan 2014 |

JOURNAL PUBLICATIONS

- 1) Divyalakshmi J, Rafic KM, Babu ES, Balasingh TP, Sebastin A, Sujith CJ, et al. “A strategy to determine off-axis dosimetric leaf gap using OSLD and EPID”. Rep Pract Oncol Radiother. 2021;0(0).
- 2) Rafic KM, Patricia S, Sujith Christopher J, Timothy Peace BS, Selvamani B, Paul Ravindran B, “Dosimetric and Clinical Advantages of Adapting the DIBH Technique to Hybrid Solitary Dynamic Portal Radiotherapy for Left-sided Chest-wall plus Regional Nodal Irradiation”. Medical Dosimetry. 2020
- 3) Rafic KM, Sujith Christopher, Ebenezer Suman Babu, Timothy Peace BS, Rajesh B, Selvamani B, Ravindran BP, “A new strategy for craniospinal axis localization and adaptive dosimetric evaluation using cone beam CT”. Rep Pract Oncol Radiother. 2019
- 4) Rafic KM, Timothy Peace SB, Manu M, Arvind S, Ravindran BP. “A rationale for cone beam CT with extended longitudinal field-of-view in image guided adaptive radiotherapy”. Phys Med. 2019 Jun;62: 129–39.
- 5) Ebenezer Suman Babu S, Timothy Peace BS, Winfred MR, Rafic KM, Paul Ravindran B. “Escalation of optical transmittance and determination of diffusion co-efficient in low-bloom strength gelatin-based Fricke gel dosimeters”. Radiation Physics and Chemistry. 2019; 156: 300–6.
- 6) Babu SES, Rafic KM, Peace BST, Raj LJS, Ravindran BP. “Fricke xylenol glycine gel dosimeter for in vivo dosimetry at extended treatment distance”. Applied Radiation and Isotopes. 2019; 145:217–22.



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- 7) Rafic KM, Amalan S, Timothy Peace BS, Ravindran BP. “Extended localization and adaptive dose calculation using HU corrected cone beam CT: Phantom study”. Rep Pract Oncol Radiother. 2018 Mar; 23(2): 126–35.
- 8) Rafic KM, Timothy Peace B, Ebenezer Suman Babu and Rabi Raja Singh I, “A hybrid conformal planning technique with solitary dynamic portal for post-mastectomy radiotherapy with regional nodes”. Journal of Medical Physics. 2017; 42(3): 116.
- 9) Samanta S, Balukrishna S, Rafic KM, Timothy Peace BS, Singh IRR, Pavamani SP, “Adding another dimension to plan evaluation: visualising the dose–volume histogram band in head and neck radiotherapy and exploring its utility”. Journal of Radiotherapy in Practice. 2017 Apr 18;1–6.
- 10) Anupama Darapu, Rajesh B Patricia S, Rafic KM, Paul Ravindran B, Subhashini John, “Is the Deep Inspiration Breath-Hold Technique Superior to the Free Breathing Technique in Cardiac and Lung Sparing while Treating both Left-Sided Post-Mastectomy Chest Wall and Supraclavicular Regions?”. Case Rep Oncol 2017; 10:37–51.
- 11) Balasingh S T, Singh I R, Rafic KM, Babu S E, Ravindran B P, “Determination of dosimetric leaf gap using amorphous silicon electronic portal imaging device and its influence on intensity modulated radiotherapy dose delivery”. J Med Phys 2015; 40: 129-35.
- 12) Rafic M, Ravindran P. “Evaluation of on-board imager cone beam CT hounsfield units for treatment planning using rigid image registration”. Journal of Cancer Research and Therapeutics. 2015; 11(4):690.

AWARDS AND HONORS

1. GOLD MEDAL FOR BEST PAPER (Poster) at AMPICON 2011
2. SILVER MEDAL FOR BEST PAPER (Oral) at Annual Research Day 2016
3. SILVER MEDAL FOR BEST PAPER (Oral) at Annual Research Day 2017
4. GOLD MEDAL FOR BEST PAPER (Oral) at Annual Research Day 2018
5. DR. M S AGARWAL YOUNG INVESTIGATOR AWARD at AMPICON 2020 - (for Commendable research work and development, and publications in medical physics research in radiation oncology)

SYMPOSIUM, TRAINING AND WORKSHOPS

- 1) Organized “Seminar on Advanced Medical Imaging Physics and Radiation Dosimetry (AMIP&RD 2022)” in Government Rajaji Hospital and Medical College, Madurai on 28th June 2022.
- 2) Organized “Three Days Symposium cum Celebration of International Day of Medical Physics (IDMP 2020) and International Day of Radiology (IDoR 2020)” in Government Rajaji Hospital and Medical College, Madurai on 06th to 08th November 2020.



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- 3) Participated in “International Symposium on Emerging Trends in Radiotherapy - Pathways to the Future” Organized by Christian Medical College, Vellore on 8th to 9th September 2019.
- 4) Participated in “AMPI Workshop On Advanced Treatment Planning and Evaluation” Organized by Health Care Global Enterprises Ltd & The Karnataka Chapter of Association of Medical Physicists of India, Bangalore on 15th to 16th September 2018.
- 5) Participated in “International Workshop: Updates on Clinical Radiotherapy” Organized by Dr. Kamakshi Institute of Medical Sciences and Research, Chennai on 24th to 27th May 2016.
- 6) Participated in “Teaching Course on Conformal Radiotherapy: Concepts & Practice” Organized by an Autonomous Scientific & Education wing of Association of Medical Physicists of India (AMPI).
- 7) Participated in Four Days “Orientation program on Radiation Hazards and Safety” Organized by Indra Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, Tamilnadu, India on 28th to 31st, Mar 2011.
- 8) Participated in two days training program on “Digital Image Processing Using MATLAB” Organized by Madras Institute of Technology, Anna University, Chennai on 20th to 21st June 2015.
- 9) Participated in “National Workshop on XII Refresher Course in Experimental Physics” Organized by Indian Academy of Sciences (IAS) Bangalore, The National Academy of Sciences India (NASI) Allahabad, Indian National Science Academy (INSA) Delhi & Bharathidasan University, Trichy on 19th January to 3rd February 2009.

October 2019 – July 2022 (Government Rajaji Hospital and Medical College, Madurai, India)

- Worked as a Chief Medical Physicist and Radiation Safety Officer and responsible for the planning and development of New Radiation Facility in GRH, Madurai
- Supervised TrueBeam Linac, SagiNova Afterloader and Telecobalt installations
- Commissioned and Calibrated of New TrueBeam linac, Equinox-80 Telecobalt and CT Simulator with RGSC
- Commissioned and Calibrated SagiNova Co-60 HDR Brachytherapy unit first in Tamil Nadu Government Medical College
- Implemented MOSFET *in-vivo* dosimetry for Co-60 HDR Brachytherapy
- Commissioned and Evaluated Varian’s Stereotactic Cones for Radiosurgery first in Tamil Nadu Government Medical College
- Commissioned and Implemented Stereotactic treatment programme (SBRT/SRT) first in Tamil Nadu Government Medical College
- Implemented DIBH guided RT first in Tamil Nadu Government Medical College
- Development and implementation of RT protocols, QA programme, Advanced Treatment Planning Techniques viz., Hybrid Planning, IGART and Respiratory Guided RT
- Commissioned OCTAVIUS 4D Modular and 1500 ion chamber array for flattened and



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unflattened photon beams

- Supervised Decommissioning of Theratron Phoenix Telecobalt unit
- Supervised source loading procedure of advanced Equinox-80 Telecobalt unit and performed direct RMM Calibration in a clinical setting
- Commissioned advanced Equinox-80 Telecobalt unit and framed 2D&3D planning protocols
- Developed short SSD Irradiation protocol for Tissue Allograft Sterilization using Telecobalt unit
- Involved in teaching of Radiation Physics and Imaging Physics for Postgraduates MDRD, BSc RT, DRTT and DRDT students

January 2012 - October 2019 (Christian Medical College Hospital, Vellore, India)

- Previously worked as a Lecturer in Radiological Physics (Medical Physicist), Christian Medical College, Vellore, India.
- Involved in Clinical Commissioning of Eclipse Treatment Planning System (TPS)
- Involved in Clinical Commissioning of Portal Dosimetry on Clinac2100C/D and TrueBeam Linear Accelerators
- Developed Scanning Length extended Cone Beam CT and HU correction strategies for Image Guided Adaptive Radiotherapy
- Calibrated Biograph CT machine and OBI CBCT systems for routine Dose Calculation
- Developed and implemented Hybrid Conformal planning protocol with Solitary Dynamic Portal for Postmastectomy Radiotherapy
- Implemented physical and gEUD based mixed optimization technique for VMAT (or RapidArc)
- Involved in 4DCT/ 4DCBCT clinical commissioning
- Involved in linac based Total Marrow Irradiation (TMI) commissioning
- Involved in Commissioning of iPLAN TPS for Stereotactic Radiosurgery and Radiotherapy

PROFESSIONAL MEMBERSHIPS

- 1) Life Member of Association of Medical Physicists of India (AMPI)
Membership No: **LM 02403**
- 2) Life Member of Association of Radiation Oncologist of India (AROI)
Membership No: **LM 3239**
- 3) Certified member of College of Medical Physicists of India (CMPI)
Certificate No: **MM55**



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3. Report



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REPORT

On

Invited Guest Lecture topic entitled on “Image Guided Adaptive Radiotherapy”.

30th Aug 2022



Organized by
Department of Medical Physics,
Center for Interdisciplinary Research,



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR (Deemed to be University)

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D.Y. Patil Education Society (Deemed to be University) Kolhapur.

Preamble

Higher education institutes were established to train students well in the branch/Department of admission, have a holistic outlook, and have a desire to work for the national needs and beyond. The graduation students must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Guest Lecture

- ✦ To understand the advance image guided IGRT basics
- ✦ To understand the important of Quality Assurance in IGRT
- ✦ To Understand the quality improvement Research on IGRT

Outcome of the Webinar

- ✦ **Dr Mohamathu Rafic Kather Hussain:** Participants got the idea and aim of the program, introduced about the important of IGRT and its quality improvement Research outputs.



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REPORT

The Department of Medical Physics from D.Y. PATIL EDUCATION SOCIETY, DEEMED TO BE UNIVERSITY, KOLHAPUR, has organized the “Guest lecture” during 30th Aug 2022. The main objective of this workshop was to discuss the basics and historical development of Image adaptive radiotherapy and its QA. The total 40 participants including 1st and 2nd Year of M.Sc Medical Physics students, PG students and faculty members of Department are attended the lecture in through online (Microsoft team application).

The lecture was started by introducing the speaker by Dr. K. Mayakannan, coordinator of the lecture.

The lecture featured an Image guided adaptive radiation therapy historical developments and important of Quality Assurance test as per the International and National Level (Atomic Energy Regulatory Board) and followed by its research outputs on IGRT.

We are thankful to Dr. V.V. Bhosale, Registrar for support, encouragement. Last, but not the least, due to the efforts from the CIR staff the lecture has turned to be a grand success.



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The program was concluded with felicitation by Dr. K. Mayakannan

4. Program Screen Shots



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5. Thank You



**D. Y. PATIL EDUCATION SOCIETY,
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(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)

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| | |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | “Guest Lecture on Acceptance Testing and Quality Assurance Protocol for CT Scanner” |
| Date & Time | 18 th Aug 2022 & 12.30 to 01:30 PM and 04.30 to 05:30 PM |
| Name of the Convener | Prof. C. D. Lokhande |
| Name of the Organizing Coordinator | Dr. K. Mayakannan |
| Venue | CIR Seminar Hall + Online Meeting Application-Zoom |
| Objectives | <ul style="list-style-type: none">✚ To understand the CT scan generations✚ To understand the important of Quality Assurance in CT scan✚ AERB guidelines for CT QA |
| Description | <ul style="list-style-type: none">✚ The speaker presented about the history of CT scan developments (Generations).✚ Speakers covered about the important of quality assurance of CT scan and its experimental setups✚ Also speaker covered the AERB guidelines for CT QA |
| Outcome | <ul style="list-style-type: none">✚ Dr. C. Senthamil Selvan: Participants got the idea and aim of the program, introduced about the important of CT QA and AERB guidelines |
| No. of Participants | 35 (Students, Faculties etc.,) |



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| S. No | Content | Page Number |
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| 1 | Guest Lecture Notice/Circular | 3-4 |
| 2 | CV of the Speaker | 5-8 |
| 3 | Detailed Report | 9-12 |
| 4 | Program Screen Shots | 13-15 |
| 5 | Appreciation Letter | 16-17 |
| 6 | Thanking You | 18 |



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1. Guest Lecture Notice/Circular



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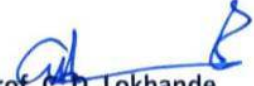
NOTICE

This is to notify that Department of Medical Physics, CIR has arranged a lecture on "Quality Assurance in Computed Tomography" on 18th Aug 2022 at 12.30pm to 1:30pm and 4.30pm to 5.30 pm by Dr. Senthamil Selvan, Lecturer cum RSO, Dept of Radiodiagnosis, MGM college and Research Institute, Shri Balajividyapeeth, Puducherry-607403 for M. Sc. Medical physics students.

Venue: CIR meeting hall
3rd floor, D. Y. Patil Education society
Kolhapur.

Date: 18th Aug 2022
Time: 12.30pm to 1:30pm and 4.30pm to 5.30 pm

Attendance is compulsory for 1st and 2nd year M. Sc Medical physics students.


Prof. C. D. Lokhande
Research director
Research Director
D. Y. Patil Education Society
(Institution Deemed to be University)
869, 'E', Kasaba Bawada
KOLHAPUR- 416006



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2. CVs of Speaker



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Short CV of Dr. C. Senthamil Selvan

Dr. C. SENTHAMIL SELVAN,

Assistant Professor cum Radiological Safety Officer,
FAHS, Department of Radio-Diagnosis,
Mahatma Gandhi Medical College & Research Institute,
Puducherry – 607 402, INDIA.

Phone : +91-90 47 78 31 16

E-mail : senthamilselvan9108@gmail.com,
senthamilselvan.chelliah@yahoo.com



Educational Qualifications:

| Course | Institution | University/Board | Year of |
|------------------------|------------------------------------------------------------------------|-------------------------------------------|---------|
| Ph. D. | Bharathiar University, Coimbatore. | Bharathiar University | 2019 |
| Medical Physics | School of Distance Education, Bharathiar University, Coimbatore. | Bharathiar University | 2017 |
| MBA | Bharathiar University, Coimbatore. | Bharathiar University | 2013 |
| Hospital Management | Paavai College of Education, Rasipuram. | Tamilnadu Teacher Education University | 2011 |
| M. Sc. | Jamal Mohamed College, Trichy. | Bharathidasan | |
| Medical Physics | St. John's Higher Secondary School, Irungalur. | University | 2010 |
| B. Ed. | A.G.M. Higher Secondary School, Eragudi. | TN State Board | 2007 |



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Add. Qualification : English Typewriting, DCA, and PGDCT

Founder : PAARI Social Service Point, Kalveerampalayam, Coimbatore-46

Clinical Field Training:

- ✓ M.Sc. Summer training programme visited KMCH, Coimbatore.
- ✓ Ph.D. diagnostic data collection visited around 115 hospitals and diagnostic centers.

Experience:

| | |
|-------------------|-------------------------------------------------------------------------------------------------|
| Since 02/2022 | Assistant Professor cum In Charge, FAHS & Dept. of Radio-Diagnosis, MGMCRI, |
| 01/2021 – 01/2022 | Medical Physics Residency, Dept. of Radiotherapy, Govt. General Hospital & NATCO |
| | Cancer Center, Guntur, Andhra Pradesh (AP) |
| 01/2019 – 12/2020 | Lecturer cum RSO, FAHS & Dept. of Radio-Diagnosis, MGMCRI, Puducherry |
| 10/2018 – 01/2019 | Assistant Professor, Dept. of Medical Physics, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore |

Editorial / Review Board Member:

- ✚ Australasian Physical & Engineering Sciences in Medicine
- ✚ International Journal of Radiation Research
- ✚ Radiation Physics and Chemistry

Membership in Professional Bodies

- ✚ Association of Medical Physicists of India
- ✚ Indian Society of Radiographers and Technologists

Received Fellowship/Awards:

| | | |
|------|---|--------------------------------------------------------------------------------|
| 2020 | - | Research Excellence Award, IISc, Bangalore |
| 2020 | - | Best Teaching Faculty, Dr.APJ Kalam Trust, Chennai |
| 2019 | - | International Centre for Theoretical Physics (ICTP) Travel Fellowship, Italy |
| 2019 | - | Global Teacher Award, New Delhi |
| 2018 | - | International Centre for Theoretical Physics (ICTP) Visiting Fellowship, Italy |
| 2018 | - | Swami Vivekananda Youth Achievement Award |



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- 2018 - Researcher and Educational Services Award
- 2017 - National Best Teacher Award
- 2013 - Junior Research Fellow, Science and Engineering Research Board, DST
- 2009 - NCC "C" Certificate holder, Ministry of Defence, Govt. of India
- 2008 - NCC "B" Certificate holder, Ministry of Defence, Govt. of India
- 2008 - Best Commander, 117 Infantry Battalion (TA) as a NCC Candidate

Served as an Internal and External Examiner for UGs & PGs

- ✦ Shri Vaishnav Vidyapeeth Vishwavidyalaya University
- ✦ Sri Balaji Vidyapeeth University
- ✦ Pondicherry University
- ✦ Annamalai University
- ✦ Government Pudukkottai Medical College and Hospital
- ✦ Dhanalakshmi Srinivasan Medical College and Hospital
- ✦ Vinayaka Mission's Research Foundation
- ✦ Dr. NGP Arts and Science College

e-Certificates:

- ✦ Online Course Completed - 48 Modules
- ✦ Online FDP Participated - 9
- ✦ Online Quiz Participated - 22
- ✦ Webinar Participated - 32

Keynote Speaker : 2

Guest Lecture : 8

Invited Speaker : 5

NCC : 8 training camps **NSS** : 5 training camps

Research & Teaching Experience - UG - 3 year PG - 3 Year

National/International Conferences

Publication

Participation - 53

Journal - 2

Paper Presentation - 27

Magazine - 6

C.SENTHAMIL SELVAN)



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3. Report



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REPORT

On

Invited Guest Lecture topic entitled on “Acceptance Testing and Quality Assurance Protocol for CT Scanner”.

18th Aug 2022



**Organized by
Department of Medical Physics,**



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR (Deemed to be University)

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Center for Interdisciplinary Research,

D.Y. Patil Education Society (Deemed to be University) Kolhapur.

Preamble

Higher education institutes were established to train students well in the branch/Department of admission, have a holistic outlook, and have a desire to work for the national needs and beyond. The graduation students must have knowledge and skills in the area of his/her study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Guest Lecture

- ✚ To understand the CT scan generations
- ✚ To understand the important of Quality Assurance in CT scan
- ✚ AERB guidelines for CT-QA

Outcome of the Webinar

✚ **Dr. C. Senthamil Selvan:** Participants got the idea and aim of the program, introduced about the important of CT QA and AERB guidelines



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REPORT

The Department of Medical Physics from D.Y. PATIL EDUCATION SOCIETY, DEEMED TO BE UNIVERSITY, KOLHAPUR, has organized the “Guest lecture” during 18 the Aug 2022. The main objective of this workshop was to discuss the basics of CT generations and its important Quality Assurance test as per the international and National AERB guidelines. The total 35 participants including 1st and 2nd Year of M.Sc Medical Physics students, PG students and faculty members of Department are attended the lecture in through online (Zoom application).

The lecture was started by introducing the speaker by Dr. K. Mayakannan, coordinator of the lecture. The lecture featured a diverse range of Computed Tomography historical developments and importance of Quality Assurance test as per the International and National Level (Atomic Energy Regulatory Board). Also sir clearly described the e-Lora Registrations to purchase the instrument through proper AERB channels.

We are thankful to Dr. V.V. Bhosale, Registrar for support, encouragement. Last, but not the least, due to the efforts from the CIR staff the lecture has turned to be a grand success.

The program was concluded with felicitation by Dr. K. Mayakannan



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4. Program Screen Shots



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5. Appreciation Letter



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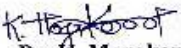
19/08/2022


Certificate of Appreciation

This is to certify that **Dr C. Senthamil Selvan**, Assistant Professor, Department of Radiological Physics, Mahatma Gandhi Medical College & Research Institute, Pillaiarkuppam, Ponicherry-607403 has delivered a Guest to the M.Sc., Medical Physics students for two sessions. The lecture topic is entitled "Acceptance Testing and Quality Assurance Protocol for CT Scanner". Thursday 18th Aug 2022 from 12.30 pm to 01.30 pm and 4.30 pm to 05.30 pm, which was appreciated by the audience.

He deserves all encouragement

Course Coordinator


Dr. K. Mayakannan
Assistant Professor
Department of Medical Physics
D. Y. Patil Education Society
(Deemed to be University)
Kolhapur, Maharashtra.


Prof. Dr. C. D. Lokhande
Head of the Department of Interdisciplinary Studies
Department of Medical Physics
D. Y. Patil Education Society
(Deemed to be University)
Kolhapur, Maharashtra.

address: 869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 | phone: (0231) 2601235-36
fax: (0231) 2601595 | email: info@dypatilkolhapur.org | website: www.dypatilunikop.org



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6. Thanking You



D. Y. PATIL
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*Centre for Interdisciplinary
Research(CIR)*

Seminar on

**EMERGING
ENERGY
STORAGE SYSTEMS
OF FUTURE**



Speaker

Dr. Rahul R. Salunkhe

Assistant Professor, Dept. of Physics
(Ramanujan Fellow) IIT, Jammu.

Date: 22th June 2022
Time: 11 am



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**Department of Medical Physics
and
Centre for Interdisciplinary Research (CIR)**

ACTIVITY NAME: Guest Lecture

| | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | 'Emerging Energy Storage Systems of Future' |
| Resource person | Dr. R. R. Salunkhe, (Ramanujan Fellow), IIT, Jammu |
| Date | Wednesday, June 22, 2022 |
| Name of Faculty Coordinator | Dr. Jayavant L. Gunjekar, (Ramanujan Fellow) |
| Venue | CIR meeting hall |
| Objectives | <ul style="list-style-type: none">• To provide knowledge about the different emerging energy storage systems• To make an awareness of opportunities in the energy storage field• To develop competitive excellence among researchers and to explore them to fit the needs of industries |
| Description | <i>The organized lecture was interesting, and interactive with active participation by research scholars and faculties</i> |
| Outcome | <ul style="list-style-type: none">• Student acquired knowledge regarding device fabrication.• Students are encouraged to do their work to compete at the industrial level.• Participants acquired knowledge about different energy storage systems. |
| No. of participants | 56 |



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'Emerging Energy Storage Systems of Future'

June 22, 2022

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| 2. | Some Snaps | 06-09 |



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REPORT

On

Guest Lecture

'Emerging Energy Storage Systems of Future'

By

Dr. R. R. Salunkhe,

Assistant Professor, Dept. of Physics

(Ramanujan Fellow) IIT, Jammu.

Wednesday, June 22, 2022

Organized by

Department of Medical Physics

and

Centre for Interdisciplinary Research (CIR)



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Preamble

Higher education institutes were established to train students well in the branch/department of admission, have a holistic outlook, and have a desire to work for national needs and beyond. The graduating student must have knowledge and skills in the area of his/her study. However, he/she must also have a broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfill his/her responsibility as a citizen and a human being.

Objectives of the Program

- *To provide knowledge about the different emerging energy storage systems*
- *To make an awareness of opportunities in the energy storage field*
- *To develop competitive excellence among researchers and to explore them to fit the needs of industries*
- *To provide a platform to the research students to interact and express their views on the energy storage systems*

Outcome of the Program

- *Student acquired knowledge regarding device fabrication.*
- *Students are encouraged to do their work to compete at the industrial level.*
- *Participants acquired knowledge about different energy storage systems.*
- *Students got familiarized with the information about different facilities available at the speaker's institute.*
- *Participants interacted with the guest speaker and cleared their doubts regarding energy storage devices.*



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Report

In accordance with the objectives stated above, the Department of Medical Physics and Centre of Interdisciplinary Research has organized a lecture on 'Emerging Energy Storage Systems of Future' on June 22, 2022, by Dr. R. R. Salunkhe.

*At this lecture **Dr. Jayavant Gunjekar, Ramanujan Fellow** welcomed all the M.Sc. students and research scholars from the Department of Medical Physics and Centre for Interdisciplinary Research and Dean, CIR Prof. C.D. Lokhande, HOD Mohan Karuppayil, and other faculties. Dr. R. S. Patil briefed about importance energy storage devices.*

Research scholars, Mr. Sohel Shaikh, Mr. Vikas Magadum, Mr. Yogesh Chitare, Mr. Vinod Patil, Ms. Prity Bagawade have also interacted with Dr. R. R. Salunkhe about solar cell application. Research students Mr. Sambhaji Kumbhar and Ms. Shraddha Powar have also discussed what type of research fellowships are available for researchers.

Finally, Dr. Jayavant Gunjekar expressed a vote of thanks for concluding the program.

The organized lecture has received a good response from students, researchers, and faculties.



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Some Snaps





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Kolhapur, Maharashtra, India

d.y.patil medical college, P6HV+JF9, Trymboll Colony, Shree Colony, Line Bazar,
Kolhapur, Maharashtra 416006, India

Lat 16.728932°

Long 74.243736°

22/06/22 11:33 AM

GPS Map Camera



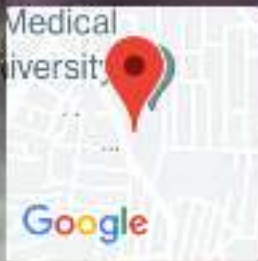
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869, 'E', D. Y. Patil Vidyanagar, Kolhapur-416 006 Phone No. : (0231) 2601235-36, Fax: (0231) 2601595



Kolhapur, Maharashtra, India

d.y.patil medical college, P6HV+JF9, Trymboll Colony, Shree Colony, Line Bazar,
Kolhapur, Maharashtra 416006, India

Lat 16.72894°

Long 74.243766°

22/06/22 11:31 AM



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Report Department of Stem Cell and Regenerative Medicine, Centre For Interdisciplinary Search



‘ Bharat Ki Azadi Ka Amrit Mohtsav ‘

ACTIVITY NAME: Guest Lecture on ‘lncRNA IPW inhibits the growth of ductal carcinoma in situ by downregulating ID2 through miR-29c’

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title | Webinar on ‘Drug Discovery For Neurological Disorders’ |
| Date | 15 th June 2022 |
| Name of Resource Persons | Dr. Ravindra Deshpande, PhD, Post Doctoral Fellow, Wake Forest School Of Medicine, US |
| Name of Faculty Coordinator | Prof. S. Mohan Karuppaiyl, HOD, SCRM and MBT CIR Dr. Ashwini Jadhav |
| Venue | CIR, DYPES |
| Objectives | To Provide the Knowledge about Ductal carcinoma in situ (DCIS) of breast is the noninvasive lesion that has propensity to progress to the malignant form. At present, it is still unknown which lesions can potentially progress to invasive forms. In this study, we aimed to identify key lncRNAs involved in DCIS growth. |
| Description | The session was interesting, interactive with active participation by MSc and PhD students and faculties from Department Of Stem Cell And Regenerative Medicine, Center for Interdisciplinary Research. |
| Outcome | All participates were benefited with this program. |



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| | |
|----------------------------|----|
| No. of participants | 30 |
|----------------------------|----|

Abstract of Guest Lecture :

Background

Ductal carcinoma in situ (DCIS) of breast is the noninvasive lesion that has propensity to progress to the malignant form. At present, it is still unknown which lesions can potentially progress to invasive forms. In this study, we aimed to identify key lncRNAs involved in DCIS growth.

Methods

We employ disease-related lncProfiler array to identify IPW in specimens of DCIS and matching control samples and validate the observations in three DCIS-non-tumorigenic cell lines. Further, we examine the mechanism of IPW action and the downstream signaling in in vitro and in vivo assays. Importantly, we screened a library containing 390 natural compounds to identify candidate compound selectively inhibiting IPW low DCIS cells.

Results

We identified lncRNA IPW as a novel tumor suppressor critical for inhibiting DCIS growth. Ectopic expression of IPW in DCIS cells strongly inhibited cell proliferation, colony formation and cell cycle progression while silencing IPW in primary breast cells promoted their growth. Additionally, orthotopic implantation of cells with ectopic expression of IPW exhibited decreased tumor growth in vivo. Mechanistically, IPW epigenetically enhanced miR-29c expression by promoting H3K4me3 enrichment in its promoter region. Furthermore, we identified that miR-29c negatively regulated a stemness promoting gene, ID2, and diminished self-renewal ability of DCIS cells. Importantly, we screened a library containing 390 natural compounds and identified toyocamycin as a compound that selectively inhibited the growth of DCIS with low expression of IPW, while it did not affect DCIS with high IPW expression. Toyocamycin also suppressed genes associated with self-renewal ability and inhibited DCIS growth in vivo.

Conclusion

Our findings revealed a critical role of the IPW-miR-29c-ID2 axis in DCIS formation and suggested potential clinical use of toyocamycin for the treatment of DCIS



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Google scholar: <https://scholar.google.com/citations?user=4Q5rDpAAAAAJ&hl=en>
Publons: <https://publons.com/researcher/3011574/ravindra-deshpande/>

PROFESSIONAL SUMMARY

- o Self-motivated and goal-oriented cancer biologist/molecular biologist: More than 3 years of experience in preclinical models of oncology.
- o Substantial experience in designing and executing well-controlled in-vitro and in-vivo assays for drug discovery.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

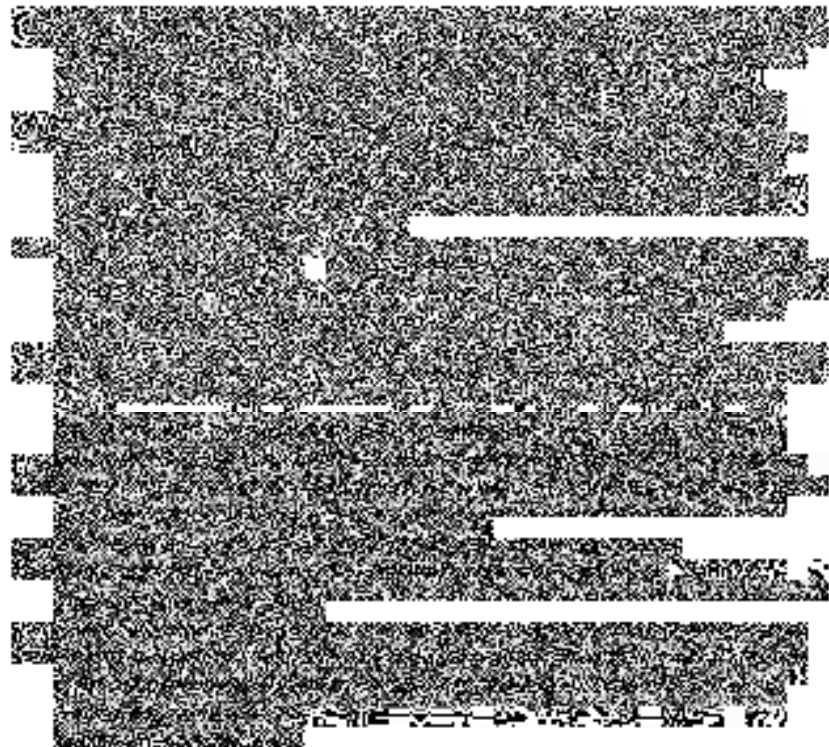


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SKILLS AND TECHNIQUES

Molecular Biology/biochemistry/ immunology Techniques

- o Pre-clinical drug discovery: Identification of drug target, studying mode of action, Immunogenicity and toxicity assessment.
- o Molecular Cloning, transfection, virus generation/infection, SDS-PAGE, and Western blotting.
- o Gel staining, viability assay.
- o Tissue processing, histology, Immunohistochemistry, Immunofluorescence, Image acquisition.
- o Fluorescence assisted cell sorting (FACS)/Magnetic assisted cell sorting (MACS), CSC sorting.
- o qRT-PCR, Immunoprecipitation, western blot.
- o In vitro T cell education.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

2016.

- o Qualified GATE (All India Rank-93, 2011), CSIR-UGC NET (2010), DBT JRF (2011)

PEER REVIEWED PUBLICATIONS (SELECTED)

1. **Ravindra Pramod Deshpande**, Sambad Sharma, Yin Liu, Puspa Raj Pandey, Xinhong Pei, Kerui Wu, Shih-Ying Wu, Abhishek Tyagi, Dan Zhao, Yin-Yuan Mo, and Kaunusuke Watabe. LncRNA IPW inhibits growth of ductal carcinoma in situ by downregulating ID2 through miR-29c. **Breast Cancer Research**. 2022. 24, 6, 1-18.



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1. Welcome of Guest and all Participant by Dr. Ashwini Jadhav



2. Welcome of Guest Dr. Ravindra Deshpande



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3. Introduction of Guest By Prof. S. Mohan Karuppaiyl , HOD SCRM



4. Guest Lecture by Dr. Ravindra Deshpande



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5. Group photo with all participants.

