

A Report on 3.3.1: Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

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“Innovation leads to creativity and creativity results into development”. Keeping this in view, institution has created an ecosystem for innovations, creation and transfer of knowledge.

College has Research Committee which takes care of the research infrastructure development, strengthens the research activities, motivates and guides faculty members and students to take up research and provides an ethical framework and quality control mechanism for the research work carried out in the premises. College has Startup and Intellectual Property Rights Cell, Instrumentation laboratory and Research laboratories for Physical Education, Yogic Science, Electronics Science, English, Computer Sci. & Engineering. These facilities helps students’ and faculty members’ innovative research ideas to grow.

In 2023-2024, projects developed by students in instrumentation centre, were presented at University level and other platforms. Software development activity undertaken by Computer department has developed and upgraded various websites and software. Total 50 research scholars are enrolled for Ph.D, and 20 teachers are Research guides. Total 7 books are published by the faculty members. 4 Research papers are published in UGC CARE Journals. Conducted 1 Startup and IPR workshop.

Yoga and Naturopathy Department is extending health care and wellness services regularly to the society through Yoga therapy and Naturopathy treatments.

I] Research Laboratory sanction orders



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No. SGBAU/PhD/336 /2024,
Dated : 31.07.2024

To Whom so ever it may Concern

This is to declare that Degree College of Physical Education, Shree Hanuman Vyayam Prasarak Mandal, Amravati is affiliated to Sant Gadge Baba Amravati University, Amravati and the following research Laboratories of institution are recognized for Ph.D. Programme in the following Subject.

Sr. No	Name of the Ph. D Programme	Year of introduction of Programme
1	Ph.D. in Physical Education	2003
2	Ph.D. in Yogashastra	2019
3	Ph.D. in Computer Science & Engineering	2012
4	Ph.D. in Electronics Science	2022
5	Ph.D. in English	2022

Director
Board of Examination & Evaluation
Sant Gadge Baba Amravati University

II] Projects developed in Instrumentation Laboratory presented at University level Avishkar competition

Participation in Avishkar 2023 Conducted by SGBAU Amravati

District level : 23 Dec 2023 (P.R. Pote College of Engineering & Management Amt)
University level : 26-27 Dec 2023 (S.G.B.A.U.Amt)
State level : 11-14 Jan 2024 (Savitribai Phule Pune University)



On December 23, 2023, the District level Avishkar Competition organized by the P.R. Pote College of Engineering & Management Amt. One faculty member & Students from our B.C.A. & B.A. Yogshastra programme participated in poster and model exhibition. Projects “Agnirakshak” & “Empowering Diagnosis of COVID-19 using Deep Learning Techniques For X-Ray Imaging” by Prof. S.K. Ganvir secured the first prize. The “Load easy assist Device ” by Arjun Panditrao Mahore secured second prize ". Both projects presented at the University level Avishkar Competition held at SGBAU Amravati University. Throughout their journey, Prof. Sachin A. Winchurkar, Prof.Y.M.Pharkde and Prof. J.M.Kale provided valuable guidance to the students, while the course in-charges, namely Dr. Ajay P. Chendke, Dr. S.S. Pande, offered valuable cooperation and support. Prof. Deepa P. Vaidya, the Head of the Department, and Vice Principal Dr. M.S. Chendke played vital roles in supporting and assisting the students. The Principal of the college, Dr. S.P.Deshpande, continuously provided encouragement and guidance to the students, ensuring their success. Furthermore, the Honorable General Secretary of H.V.P.M, Padmashri Prabhakarrrao Vaidya, offered valuable support to the students throughout their journey.

List of the students Participated in Avishkar 2023

Sr.No.	Name of Students	Category	Topic Name	Type
1	Arjun Panditrao Mahore (B.A. Yogshastra)	Engineering & Technology	Load easy assist Device	Model
2	Abhishek S Chaudhari FYBCA	Humanities Languages & Fine Art	Mass Media	Poster
3	Prof.S.K.Ganvir Asst.Professor D.C.P.E. H.V.P.M.	Post PG (Humanities Languages & Fine Art)	Agnirakshak	Model
		Post PG (Medical & Pharmacy)	Empowering Diagnosis of COVID-19 using Deep Learning Techniques For X-Ray Imaging	Model

S.A. Winchurkar

Prof.S.A.Winchurkar

Avishkar Teacher Coordinator

III] Certificate for Software and Websites Developed



Estd. 1967

Degree College of Physical Education

Multi-Faculty Autonomous College

Established By

Shree Hanuman Vyayam Prasarak Mandal, Amravati

Permanently Affiliated to Sant Gadge Baba Amravati University, Amravati.

Recognised by UGC under section 2(f), NCTE & AICTE, New Delhi

University College Code 111, NCTE College Code 114016



Ref.No.

Date : 19/07/2024

Certificate

This is to certify that the Software Development Wing, P. G. Department of Computer Science & Technology, Degree College of Physical Education, has developed the Online Exam Form System (<https://olexamapp.hvpm.org>) and offline "ExamSys" software. This one software supports Percentage/CBS/CBCS/NEP mechanism and provide facilities like filling Exam form, entering roll numbers, marks entry, result processing and generation of various reports like hall ticket, roll list, marksheet, TR, numerical analysis, fail students report, etc.

The Software Development Wing has also developed website for the Degree College of Physical Education (www.dcpvhvpm.org) and P.G. Department of Computer Science & Technology (<http://pgdcst.hvpm.org>). Timely updations are done in the sites.

The three faculty members of P. G. Department of Computer Science & Technology are contributing their skills in the Software Development Wing.


PRINCIPAL
Degree College of Physical Education,
AMRAVATI (M. S.)

IV] Health care and wellness services

The department of Yoga and Naturopathy regularly provides various therapies for the patients like:

➤ Yoga Therapy

Yoga therapy is a type of therapy that uses yoga postures, breathing exercises, meditation, and guided imagery to improve mental and physical health. The holistic focus of yoga therapy encourages the integration of mind, body, and spirit. Modern yoga therapy covers a broad range of therapeutic modalities, incorporating elements from both physical therapy and psychotherapy.

In their pain, to achieve the correct yoga posture various props are used like rope, brick, table, Bolster, pillow, blanket, chair, etc.



➤ Naturopathy

Naturopathy is a form of healthcare that combines modern treatment with traditional methods. It includes alternative, natural therapies to modern medicine. Various treatments are given to the patients as per their problem like hot footbath, spinal hot bath, steam bath, Enema, mud packs and plaster, etc.



➤ Physiotherapy

Physiotherapy is a health care profession which assists people to restore, maintain and maximize their strength, function, movement, and overall well-being. Physiotherapy includes rehabilitation, as well as prevention of injury, and promotion of health and fitness. The Physiotherapy was started for the injuries caused in sports to the players of the college. It is open for the local patients also. Various equipments are present like Shortwave diathermy wave, Interfereshiyal Therapy Unit (IFT), Ultra Sound m/c, Traction Unit (Electronic), Parafin Wax Bath, Finger Co-ordination Board, Slider, CPM Machine, etc.



➤ Panchakarma

Panchakarma is a method of cleansing the body of all the unwanted waste after lubricating it. Panchakarma are 5 (five) in number; hence the term PANCH (five) – KARMA (procedures). Panchakarma treatment is unique in the sense that it includes preventive, curative and promotive actions for various diseases.

According to Ayurveda, every human being is a unique phenomenon of cosmic consciousness, manifested through the five basic elements—Ether, Air, Fire, Water and Earth. Vata—a combination of ether and air, pitta—a combination of fire and water, and kapha—a combination of water and earth, are called the tridosha.



➤ Magnet Therapy

Magnetic field therapy uses different kinds of magnets on the body to help boost your overall health. It may also help treat certain conditions.

Your body naturally has magnetic and electric fields. All your molecules have a small amount of magnetic energy in them. The thought behind magnetic field therapy is that certain problems happen because your magnetic fields are out of balance. If you put a magnetic field near your body, it's believed things will go back to normal. Most magnetic field therapy is a treatment option for different types of pain, like in your feet and back.

All the above form of therapies are nurtured, practiced and imparted to students in order to get trained to help the patients for their betterment in natural ways.