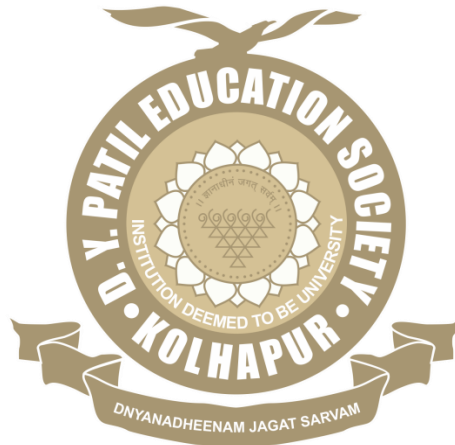


**“A STUDY OF ANATOMICAL BASIS OF CORACO - ACROMIAL  
ARCH IMPINGEMENT BY USING RADIOGRAPHS”**

A THESIS SUBMITTED TO



D.Y. PATIL EDUCATION SOCIETY, KOLHAPUR  
(Deemed to be University, Declared u/s 3 of the UGC Act 1956)

FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
IN ANATOMY  
UNDER THE FACULTY OF MEDICINE

BY

**Dr Aruna Yashavant Yadav.**

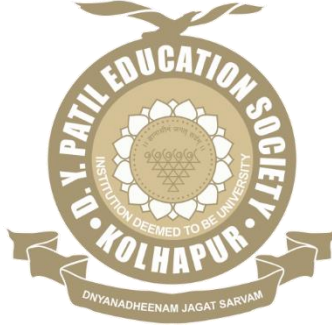
**B.A.M.S, M.Sc. (Medical Anatomy).**

Under the guidance of

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**2019**



## **DECLARATION**

I hereby declare that the thesis entitled, **“A STUDY OF ANATOMICAL BASIS OF CORACO - ACROMIAL ARCH IMPINGEMENT BY USING RADIOGRAPHS”** which is being submitted here with for the Degree of Doctor of Philosophy in Anatomy, under the faculty of medicine, completed and written by me has not previously formed the basis for the Degree or Diploma at any other University or examining body.

**Place: Kolhapur**

**Date:**

**Research Student**

**Dr. Aruna Yashavant Yadav.**

D.Y. PATIL EDUCATION SOCIETY, KOLHAPUR

(Deemed to be University, Declared u/s 3 of the UGC Act 1956)

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## ABBREVIATIONS

1. ad - Acromion- distance.
2. A-P view of radiograph- Anterio-posterior view of radiograph.
3. as - Slope of acromion.
4. C-A ligament - coraco-acromial ligament.
5. C-A Arch- coraco-acromial Arch.
6. c- Height of coracoids.
7. IGHL - the inferior glenohumeral ligament
8. L - Length.
9. MGHL - the middle glenohumeral ligament
10. NI- Normal individuals
11. RCT - Rotator cuff tear
12. SGHL - the superior glenohumeral ligament
13. SOV- Supraspinatus outlet view
14. SPP-Shoulder pain patients
15. Type I -a flat undersurface,
16. Type II - a curved undersurface,
17. Type III - a hooked undersurface of the acromion on outlet-view radiographs.
18. Y1 angle- It is the angle between the reference line and the midline of root of the coracoid process representing the slope.
19. Y2 angle-It is the angle between the reference line and the midline of base of the spinous process

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