

Ph – (0389) 2315212/2322257/2327095

Fax No – (0389) 2315212



**PACHHUNGA UNIVERSITY COLLEGE  
(CONSTITUENT COLLEGE OF MIZORAM UNIVERSITY)  
AIZAWL - 796001: MIZORAM**

Dated, Aizawl 15<sup>th</sup> April, 2016

**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*Statistical analysis and evidence of prevalence of traumatic head injuries (concussions) in football.*' is a record done by Samuel Vanlalruata, Roll No. 1301BS137, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

(Dr. ANUPAM KUMAR)

Head of Department

(JESSICA LALMALSAWMI)

Supervisor

Place: Aizawl

Date: 15<sup>th</sup> April, 2016

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*Statistical evaluation of the prevalent causes of obesity in children and young adults.*' is a record done by Biakthansanga, Roll No. 1301BS173, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

(Dr. ANUPAM KUMAR)

Head of Department

(JESSICA LALMALSAWMI)

Supervisor

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*What key factors drive suicidal thoughts in depressed individuals: presenting statistical evidence.*' is a record done by C. Vanlalpeka, Roll No. 1301BS174, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

I

(Dr. ANUPAM KUMAR)

Head of Department

(JESSICA LALMALSAWMI)

Supervisor

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*A statistical analysis of major factors driving increased divorce rate in Mizoram.*' is a record done by G. Zamuana, Roll No. 1301BS175, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*What roles do parents play in boosting children's self-esteem and academic performance?*' is a record done by Johnbull V.L. Hmangaihdinghunga, Roll No. 1301BS176, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*Exploring the major effects of separation and divorce on affected children using statistical analysis.*' is a record done by L.S. Tluanga, Roll No. 1301BS177, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*Gender pay gap: what are some underlying causes for the discrepancy and how are affected women psychologically affected?*' is a record done by Lalbiakdika, Roll No. 1301BS178, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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**Certificate**

April, 2016

I hereby certify that the minor research project entitled '*Leading causes of bullying among school children and consequences: a statistics-based assessment.*' is a record done by Lalmuanpuia, Roll No. 1301BS179, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*What roles should schools and parents play in preventing bullying?.*' is a record done by Lalramhluna, Roll No. 1301BS180, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*Psychology or physiology: why do long-term smokers find it difficult to quit?*' is a record done by Lalramsangzuala, Roll No. 1301BS181, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*Leading causes of depression in Mizoram: a statistical assessment.*' is a record done by Malsawmzuala Hnamte, Roll No. 1301BS182, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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I hereby certify that the minor research project entitled '*Does educational attainment determine financial success?: a statistical assessment..*' is a record done by Saithangpuia, Roll No. 1301BS183, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*Work-life-balance: using statistics to evaluate effects or outcomes achieved.*' is a record done by Tes Kumar Thapa, Roll No. 1301BS185, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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April, 2016

I hereby certify that the minor research project entitled '*Corporate investment in digital presence and branding: any meaningful returns? A statistical evaluation..*' is a record done by V.L. Roluahpuia, Roll NO. 1301BS186, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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I hereby certify that the minor research project entitled '*Assessing the changes in wealth distribution among Mizos over the past 50 years? A statistical evaluation..*' is a record done by William Lallawmawma, Roll No. 1301BS188, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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I hereby certify that the minor research project entitled '*Does inherited wealth preserve and perpetuate economic inequality?: a statistics-based assessment A statistical evaluation..*' is a record done by Zaithanmawia Hnamte, Roll No. 1301BS189, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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I hereby certify that the minor research project entitled '*Nature versus nurture: does regular training result in superior performance in athletics or is it simply innate talent?*' is a record done by H. Lalrinsangi, Roll No. 1301BS190, VI-Semester, Department of Statistics, Pachhunga University College and it has not formed the basis for the award of any degree, associate-ship or other similar title and that the project represents an independent work on the part of the principal Investigator.

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