



**DEPARTMENT OF BIORESOURCES**  
**University of Kashmir**  
**HAZRATBAL, SRINAGAR 190006, J&K (INDIA)**

No: F/Biores/Proj/MGL/2016.

Dated: 24/10/2018.

## *Certificate*

This is to certify that the MSc. Dissertation entitled “**Morphological and Biochemical Analysis of an epiphyte (*Viscum album* L.) Growing in Kashmir Valley**” is the original work carried out by **Ms. Sakiya Imtiyaz, Ms. Seerat Saleem and Ms. Qurrat ul Ain** as a whole time MSC. Dissertation in Bioresources, University of Kashmir, Srinagar. This work has been carried out under the supervision of **Dr. Reiaz-Ul-Rehman**, Sr.Assistant Prof., Department of Bioresources. This is an original work carried out by the candidates in the Department of Bioresource and it has not been submitted before to any University/Institution. They have carried out the dissertation work as mentioned in the statutes.

Dr. REIAZ UL REHMAN  
Department of Bioresources  
University of Kashmir

**Dr. Reiaz ul Rehman**  
Sr. Assistant Professor  
Department of Bioresources  
University of Kashmir  
(Supervisor)

  
24/10/18

**Prof. Inayatullah Tahir**  
(Coordinator)  
Department of Bioresources  
University of Kashmir

Coordinator  
Department of Bioresource  
University of Kashmir Srinagar




**Department of Bioresources**  
**University of Kashmir, Srinagar -190006**


No. F: Biores/Prop/MSc/2017

Dated: 29/12/2017

## Certificate

This is to certify that the M. Sc. Dissertation entitled "**Morphological and Biochemical Analysis of Viola species Grown in Kashmir Valley**" is the original work carried out by **Mr. Fayeem Aadil, Miss. Suriaya Ramzan, and Miss. Marjeena Muntazir** as a whole time M.Sc. Dissertation in Bioresources, University of Kashmir, Srinagar. This work has been carried out under the supervision of Dr. Reiaz-Ul-Rehman, Asst. Prof., Department of Bioresources and has not been submitted to this University or to any other University so far and is submitted for the first time to the University of Kashmir. He has carried out the dissertation work as mentioned in the statutes.

  
**Dr. Reiaz ul Rehman**  
Assistant Professor  
Department of Bioresources  
University of Kashmir  
(Supervisor)

  
**Prof. Inayatullah Tahir**  
Head/Cordinator  
Department of Botany/Bioresources  
University of Kashmir  
Srinagar-190006.



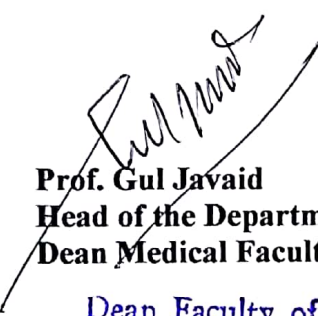
**Sher-i-Kashmir Institute of Medical Sciences,  
Soura, Srinagar**

*Department of Gastroenterology*

No.: F (M.Sc. - Dissert) Biores/KU/16  
Dated: 27-04-2016

## **Certificate**

This is to certify that the project entitled "Prevalence of Hepatitis C in Kashmir Valley" is the original work carried out by Arajmand Yaseen, M.sc. student, Department of Bioresources, University of Kashmir, Srinagar. The project was carried out in SKIMS, Soura in the Department of Gastroenterology under the supervision of Dr. Gul Javaid.

  
**Prof. Gul Javaid**  
**Head of the Department &**  
**Dean Medical Faculty**

**Dean Faculty of Medicine**  
**Sher-i-Kashmir Institute of Medical Science**  
**SRINAGAR**

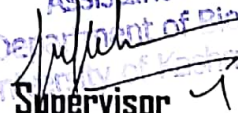
**P.G PROGRAMME IN BIORESOURCES (DEPARTMENT OF BOTANY)**  
**UNIVERSITY OF KASHMIR, SRINAGAR**



**Certificate**

This is to certify that the dissertation entitled **"Apple: Essential Bioresource of Kashmir"** by **"Aadil Rasool, Gulzar Malik, Irfan Ahmad, Syed Aamir & Tasaduk Hussain"** in partial fulfillment of the requirement for the Master's degree in Bioresources is the study of original work carried out by them under my supervision and guidance. They have worked for the time mentioned in the statutes.

  
**Coordinator**  
**Dr. Inayatullah Tahir**  
Coordinator  
Department of Bioresources  
University of Kashmir, Srinagar

  
**Assistant Professor**  
**Supervisor**  
Department of Bioresources  
University of Kashmir, Srinagar

**Dr. Reaiz ul Rehman**

**P. G. PROGRAMME IN BIORESOURCES (DEPARTMENT OF BOTANY)**  
**UNIVERSITY OF KASHMIR, SRINAGAR.**



**Certificate**

This is to certify that the dissertation entitled **"Mushrooms as Bioresource :Cultivation of economically important species as the potential for entrepreneurship"** by **"Qaiser-Ul-Nisa"** in partial fulfillment of the requirement for the master `s Degree in Bioresources is the study of original work carried out by her under my supervision and guidance. She has worked for the required time as mentioned in the statutes.

**Coordinator**

**Dr/Inayatullah**

**Guide**

**Dr. Reiaz Ul Rehman**

**Department of Bioresources,  
University of Kashmir, Hazratbal, Srinagar, India.**



**BONAFIDE CERTIFICATE**

Certified that this project work entitled **"Aromatic Plants of Kashmir: A case Study on Rose"** is Carried out by **"Nazir Ahmad Wani"** under the supervision of **"Dr. Reiaz-ul-Rehman"** for the partial fulfilment for the award of M.Sc. in Bioresources.

**Signature of the Coordinator**

**Dr. Inayatullah Tahir.**

**Signature of the Supervisor**

*Dr. Reiaz-ul-Rehman*  
Department of Bioresources  
University of Kashmir


**Dr. Reiaz-ul-Rehman.**

**P.G PROGRAMME IN BIORESOURCES (DEPARTMENT OF BOTANY)**  
**UNIVERSITY OF KASHMIR, SRINAGAR**




**Certificate**

This is to certify that the dissertation entitled "Economic aspects of Sericulture Industry in Jammu & Kashmir" by "Farah Shamas, Nuzhat Nazir, Hafsa Qadri, Hafsa Jan and Muneer Jan" in partial fulfillment of the requirement for the master's degree in Bioresources is the study of original work carried out by them under my supervision and guidance. They have worked for the required time as mentioned in the statutes.

Supervisor  
  
**Dr. Inayatullah Tahir**  
Assistant Professor  
Department of Bioresources  
University of Kashmir, Srinagar

Co-Supervisor  
  
**Dr. Inayatullah Tahir**  
Deputy Director  
Central Division Srinagar

Coordinator  
  
**Dr. Inayatullah Tahir**  
Coordinator  
Department of Bioresource  
University of Kashmir Srinagar

**P.G. Programme in Bioresources (Department of Botany)**


**University of Kashmir**



**BONAFIDE CERTIFICATE**

Certified that this project work entitled "***Mentha* an Aromatic Plant)**" is carried out by "**BILQIS AKHTER**" under the supervision of **Dr Reiaz Ul Rehman** for the partial fulfillment for the award of M.Sc in Bioresources.

  
Signature of the Coordinator  
Dr Inayatullah Tahir

  
Signature of the supervisor  
Dr Reiaz UL Rehman



**DEPARTMENT OF BIORESOURCES**  
**University of Kashmir**  
**HAZRATBAL, SRINAGAR 190006, J&K (INDIA)**

No: F/Biores/Proj./MSc/2016  
Dated: 24/10/2018

*Certificate*

This is to certify that the project entitled "Morphological and Biochemical changes during flower development and senescence in *Bergenia ciliata* (Haw.) *sternb*" is the original work carried out by Aamina Manzoor, Bisma Nisar and Mahak Sajad students of M.Sc., Department of Bioresources, University of Kashmir, Srinagar. The project is submitted in the partial fulfillment of the requirements for the award of M.Sc degree in Bioresources.

**Mr. Sheikh Tajamul Islam**  
(Supervisor)  
Department of Bioresources  
University of Kashmir, Srinagar  
Srinagar

**Prof. Inayatullah Tahir**  
(Coordinator Bioresources)  
Department of Bioresources  
University of Kashmir,  
Coordinator  
Department of Bioresource  
University of Kashmir Srinagar

P .G DEPARTMENT OF BIORESOURCES

UNIVERSITY OF KASHMIR,

HAZRATBAL SRINAGAR, KASHMIR 1900 06





NO: J (Term block. 4<sup>th</sup> Sem) Biores/ku  
17

DATED: 29-12-2017

CERTIFICATE

This is to certify that the project entitled “**study on some morphological and biochemical parameters during flower senescence in Leucanthemum vulgare**” is the original work carried out by Qurat-ul-ain, Salfia Nisar, Zummerah Mushtaq M.sc. students, Department of Bioresources, University of Kashmir, Srinagar under our joint supervision. The project is submitted in the partial fulfillment of the requirements for the award of M.sc degree in Bioresources.


  
Mr. Sheikh Talamul Islam  
(supervisor)  
Department of Bioresources  
University of Kashmir, Srinagar:

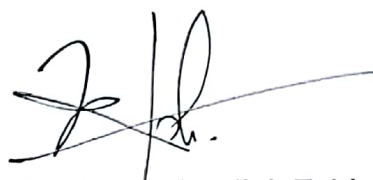
  
Prof. Inayatullah Tahir  
(Coordinator)  
Department of Bioresources  
University of Kashmir, Srinagar

# CERTIFICATE

No. F (project-M.Sc) Biores/ku/18  
dated: 06/12/15

This is to certify that the project entitled "*Floriculture industry in Jammu and Kashmir: Challenges and Opportunities*" submitted to Department of Bioresources - Faculty of Biological Sciences, is a bona-fide work done by Ms. Mahjabeen Akhter, for the award of Master of Science, under my guidance and supervision.

  
**Mr. Sheikh Tajamul Islam**  
(Supervisor)  
Asst. Professor  
Department of Bioresources  
University of Kashmir

  
**Prof (Dr.) Innayah tullah Tahir**  
(Coordinator)  
Department of Bioresources  
University of Kashmir


**P.G PROGRAMME IN BIORESOURCES**  
Department Of Botany, University Of Kashmir, Srinagar-190006




NOF(Project-M.Sc)Biores/KU/18  
Dated: 22/04/2018

**CERTIFICATE**

Certified that the project report entitled "**Dairy Farming**" is the bonafide work of *Umer Aftab Mir, Rayees Ahmad Dar, Najeeb-ul-mohiudin, Muneer Yousuf Khan.*

  
Signature of the Supervisor  
Mr. Sheikh Tajamul Islam

  
Signature of the coordinator  
Dr. Inayatullah Tahir



**Department of Bioresources**  
*Faculty of Biological Sciences*  
**University of Kashmir Srinagar**

No: F./Biores./Prot/M.Sc./2016

Dated: 24.11.2018.

**Certificate**

This is to certify that the project entitled, **Activity of some novel Beta-Nitrostyrene derivatives against the growth of human pathogenic fungi** is the work carried out by Arfa, Ulfat Rashid, and Insha Hassan regular M.Sc. students, Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted in partial fulfilment of the requirements for the award of Master's degree in Bioresources, University of Kashmir. The candidates have fulfilled all the requirements and formalities as required under the statutes of the University for the submission of project work.

**Dr. Peer Abdul Haseeb Shah**  
**(Supervisor)**  
Department of Bioresources  
University of Kashmir, Srinagar

**Prof. Inayatullah Tahir**  
**Coordinator**  
Department of Bioresources  
University of Kashmir, Srinagar  
**Coordinator**  
Department of Bioresource  
University of Kashmir Srinagar



**Department of Bioresources**  
*Faculty of Biological Sciences*  
**University of Kashmir Srinagar**

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No: F(Biores/Proj/M.Sc./2016)

Dated: 28/12/2017

**Certificate**

This is to certify that the project entitled, "Effect of some novel compounds on the growth of drug resistant human pathogenic fungi" is the work carried out by Muteeba Mushtaq Dedmari, Gousia Amin and Subrina Gulzar, regular M.Sc. students, Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted in partial fulfilment of the requirements for the award of Master's Degree in Bioresources, University of Kashmir. The candidates have fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

**Dr. Peer Abdul Haseeb Shah**  
(Supervisor)  
Department of Bioresources  
University of Kashmir, Srinagar

**Prof. Inayatullah Tahir**  
(Coordinator)  
Department of Bioresources  
University of Kashmir, Srinagar

No F/ Biores/Proj/M.Sc/2016  
Date 24/10/2018



## CERTIFICATE

This is to certify that the project entitled "*BACTERIAL AND FUNGAL DISEASES OF FISHES*" submitted to Department of Bioresources-Faculty of Biological Sciences, is a bona-fide work done by **Mr. Mohamad Rafeeq Bhat**, **Ms. Mahpara Muzafar**, **Mr Showkat Ahmad Wani**, **Ms. Anjumn Amin Bhat**, **Ms. Shazia Kousar**, for the award of Master of Science, under my guidance and supervision.

B. Bashir A. Lone  
24/10/2018

**Dr. Bashir A. Lone**

(Supervisor)

Asst. Professor Department of Bioresources  
University of Kashmir

Prof. (Dr.) Innayahtullah Tahir  
24/10/18

**Prof (Dr.) Innayahtullah Tahir**

(Coordinator)

Department of Bioresources  
University of Kashmir

**Coordinator**

Department of Bioresource  
University of Kashmir Srinagar

# **Project Report**

**On**

**“Determination of Vancomycin in pharmaceutical formulations available in local market using HPLC”**

*Submitted in the Partial Fulfillments of the Requirements for  
the Award of the Degree of*

**Master of Science (M.Sc.)**

**In**

**Bioresources**

**By**

**Miss Snober Ali**

Reg.no: 64343-W-2013

Enroll.no: 16060119011

**Miss Aqiba Jahan**

Reg. no: 61171-W-2012

Enroll.no: 16060119012

**Miss Daurdana Banoo**

Reg. no: 47109-S-2012

Enroll. no: 16060119014

**Under the Supervision of  
Dr. Manzoor Ahmad Mir**



**P.G. DEPARTMENT OF BIORESOURCES**

**University of Kashmir**

**Hazratbal, Srinagar, J&K-190006**

**2018**



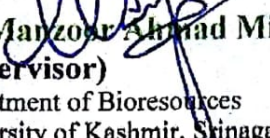
**DEPARTMENT OF BIORESOURCES**  
**University of Kashmir**  
**HAZRATBAL, SRINAGAR 190006, J&K (INDIA)**

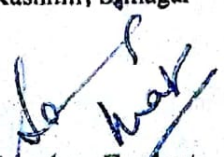
No. ~~P(MS/Dis/B-16)BRES/KU/18~~


Dated: 20-10-2018


## *Certificate*

This is to certify that the project entitled "**Determination of vancomycin in pharmaceutical formation available in local market using HPLC**" is the work carried out by **Snober Ali, Aqiba Jahan and Daurdana Banoo** a regular Masters (M.Sc.) students of Department of Bioresources, School of Biological science, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department Bioresources, University of Kashmir. The candidates have fulfilled all the requirements and formalities as required under the status of the University for the submission of project work. The work is genuine to the best of our knowledge.

  
**Dr. Manzoor Ahmad Mir**  
**(Supervisor)**  
Department of Bioresources  
University of Kashmir, Srinagar

  
**Prof. (Dr) Samina Farhat**  
**(Head)**  
Department of Pharmacology  
Govt, Medical College Srinagar

  
**Dr. Mohd Younis Rather**  
**(Co-supervisor)**  
Department of Pharmacology  
Govt. Medical College Srinagar

  
**Prof. Inayatullah Takir**  
**(Coordinator)**  
Department of Bioresources  
University of Kashmir

# **“Quality Analysis of anti-epileptic drugs available in local market using HPLC”**

**Project Submitted in the Partial Fulfillment of the Degree of**  
**MASTERS OF SCIENCE**

**In**  
**Bioresources**

**By**

**Najwa Shabir**

Registration No. 61697-W-2012  
Enrollment No. 15060119009

**Aadil Manzoor**

Registration number: 26243-SJ-2012  
Enrollment number: 15060119005

**Gazie Shaban**

Registration number 28238-IC-2010  
Enrollment number: 15060119018:

**Under the Supervision of**  
**Dr. Manzoor Ahmad Mir**  
**(Supervisor)**  
**Department of Bioresources**



**P.G. DEPARTMENT OF BIORESOURCES**  
**UNIVERSITY OF KASHMIR Srinagar -190006**

**[www.bioresources.uok.edu.in](http://www.bioresources.uok.edu.in)**

**Batch 2015-17**




**Department of Bioresources**  
*Faculty of Biological Sciences*  
**University of Kashmir Srinagar**


No.:


Dated:


**Certificate**

This is to certify that the project entitled "Quality Analysis of anti-epileptic drugs available in local market using HPLC" is the work carried out by **Najwa Shabir, Adil Manzoor and Gazie Shaban** who are regular Masters (M.Sc.) students of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidates have fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

  
**Dr. Manzoor Ahmad Mir**  
(Supervisor)  
Department of Bioresources  
University of Kashmir, Srinagar

  
**Dr. Mohd Younis Rather**  
(Co-supervisor)  
Department of Pharmacology  
Govt. Medical College Srinagar

  
**Dr. Samina Farhat**  
(Head)  
Department of Pharmacology  
Govt. Medical College Srinagar

  
**Prof. Inayatullah Tahir**  
(Coordinator)  
Department of Bioresources  
University of Kashmir, Srinagar