

NEPAL ACTION 2010-2015



- Kingdom 1768-2007
- Republic 2008-
- Total Area 147,181 km²
- Population 27 millions

Francesco PAPPALARDI
(Università Roma TRE)

NEPAL UNIVERSITIES

- Tribuvan University



Established in 1959
(604,000 students)

more than 600 affiliated colleges

located in Kirtipur

7000 perm faculties
+ 5000 temp facultird

- Kathmandu University



Established in 1991
(40,000 students)

more than 200 affiliated colleges

located in Dhulikel
Private Intitution

- Purbanchal University



Established in 1993
(22,000 students)

located in Biratnagar (far east)

- Pokara University



Established in 1996
(25,000 students)

located in Pokara

There are five more smaller universities in Nepal



CIMPA-ICTP actions NEPAL



- ✓ 2009 *National School in Number Theory and Cryptography* NSNTC



- ✓ 2010 *CIMPA-ICTP research school Number Theory in Cryptography and Its Applications*



- ✓ 2014 *CIMPA-NEPAL research school Aspects of Dynamical Systems*

Mathematics Programs in Nepal (at TU & KU)



Kathmandu University:

- School of Science
 - ❏ M.Phil.(Math)
 - ❏ Ph.D. in Mathematics
- School of Education
 - ❏ Post-Graduate Diploma of Education in Math
 - ❏ Master of Education in Math



Tribhuvan University:

- Central Department of Mathematics
 - ❏ Bachlour (Math)
 - ❏ Master (Math)
 - ❏ Ph.D. in Mathematics (3studs)
- Department of Mathematics Education
 - ❏ Master of Education in Math

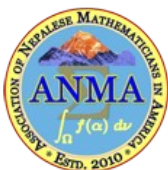
Who is Who in Nepal Mathematics



- Nepal Mathematical Society (NMS) 1979-



- Council for Mathematics Education of Nepal (MEC) 1991-



- Association of Nepalese Mathematicians in America (ANMA) 2010-



- NMS is an associate IMU member 2010



- MEC is an associate ICMI member since 2010



- Nepal is an affiliate member of SEAMS since 2013

Who is Who in Nepal Mathematics

- Prof. Dr. Bhadraman Tuladhar
(Founder and former Registrar of
KU, President of NMS,)



- Prof. Dr. Hira Bahadur Maharjan
(Vice-Chancellor TU)



Who is Who in Nepal Mathematics

Prof. Dr. Kedar Nath Upreti
(Department Head)



Prof. Dr. Gajendra Bahadur Thapa
(Former Department Head)



Prof. Dr. Kanhaiya Jha
(organizer of NSNTC
2009 & CIMPA 2010)



Prof. Dhan Kumari Thapa
(Treasurer of NMS)



Prof. Dr. Ajaya Singh
(organizer of CIMPA 2014)



Other actions



2005 first visit (FP)



2009 **NSNTC 1** (Kanhaya Jha)



2010 first contact with TU (Michel Waldschmidt)



CIMPA Number Theory (Kanhaya Jha)

Wolfram Mathematica School (Corrado Falcolini)



2011 **“SIX hands” course in Number Theory** (FP, MW & J. Jimenez Urroz)



2012 **Course on Continued Fractions** (MW)



2013 first contact with CIT (Affiliated to Purbanchal University)



2014 **CIMPA-ICTP Dynamical Systems** (Ayaja Singh & Renaud Leplaideur)
Course of Algebraic Number Theory (FP)



2015 **Wolfram Mathematica Training Project** (Corrado Falcolini)

Projects on single Nepalese students

Nilakanta Paudel
PhD Student 2013-
Università Roma Tre



Chudamani Poudyal
PhD Student 2011-
University of Wisconsin Milwaukee



Manoj Gyawali
Master 2012
Université Pierre et Marie Curie



Possible Future Actions in Nepal

(1) Help to organize a new CIMPA school in 2018



(2) Wolfram Mathematica Instructional programme



(3) Doctoral Fellowships for Nepalese Exceptional Student



(4) Algebra Teaching Project



(5) Help to organize NSNTC 2 in 2017



(6) Interaction with the SPIM program from HRI (Allahabad)



(7) New contacts with



Department of Mathematical Education TU



Purbanchal University



Pokhara University

Webography of Nepal Mathematics

UNIVERSITIES

- <http://tribhuvan-university.edu.np/> (Tribhuvan University)
- <http://www.ku.edu.np/> (Kathmandu University)
- <http://pu.edu.np/> (Pokhara University)
- <http://puexam.edu.np/> (Purbanchal University)

ASSOCIATIONS

- <http://www.nms.org.np/> (Nepal Mathematical Society)
- <http://mathcouncilnepal.org.np/> (Council for Math. Education)
- <http://www.anmaweb.org/> (Association of Nepalese Mathematicians in America)
- <http://www.nepalimath.com/> (Nepali Mathematicians Abroad)

Reportography of Nepal Missions

- February 2013 (MW)
- July 2010 – CIMPA SCHOOL (MW)
- July 2010 - CIMPA SCHOOL (Kanhaiya Jha)
- July 2010 - CIMPA SCHOOL (FP)
- December 2013 (FP)
- November 2014 - CIMPA SCHOOL (Renaud Leplaideur)