



1st
INTERNATIONAL CONFERENCE
ON
MANAGING ICT FOR GNH BASED DEVELOPMENT



Organized by
GYALPOZHING COLLEGE OF INFORMATION TECHNOLOGY (GCIT)
in Collaboration with
COMPUTER SOCIETY OF INDIA (CSI)

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(7th - 8th March 2019)



**His Majesty the King Jigme Khesar Namgyal Wangchuck is
the Chancellor of the Royal University of Bhutan.**

“Whatever goals you set for yourself, as you go out to fulfill them, do so with the right values – values that enrich your own life and the lives of those whom you touch on your journey. Gain the wisdom to achieve your personal goals and ambitions in harmony with others as they strive to achieve theirs. Acquire the right skills and knowledge but remember that learning is a lifelong process. Utilize the experience that comes from your personal efforts as you go but do not forget to use the vast experience that exists in history.” - His Majesty the King to the graduates at the Convocation of the Royal University of Bhutan, Thimphu, 15 July 2011.

About GCIT

Gyalpozhing College of Information Technology (GCIT), officially inaugurated on 6th October, 2017 is one of the constituent colleges of the Royal University of Bhutan.

The College is located at Gyalpozhing which is 24 kilometers away from Mongar Dzongkhag Administration and 82km from Border town of Nganglam. The nearest Indian town is Pathsala which is 122km from Gyalpozhing. The other adjoining Indian towns are Rangia and Bongaigaon. Established with the VISION to become the 'A Center of Excellence in Information Technology steeped in GNH values', the college currently offers Bachelors of Computer Applications programme and will be diversified into other programmes like BSc in IT and BSc in Computer Science by July 2019. The College will adopt a concept of 'learning by doing' approach to teaching-learning and programme delivery.



GROSS NATIONAL HAPPINESS (GNH)

"Gross National Happiness (GNH) is a holistic and sustainable approach to development, which balances material and non-material values with the conviction that humans want to search for happiness. The objective of GNH is to achieve a balanced development in all the facets of life that are essential for our happiness.

Today, it is inconceivable for modern society to function without the business of commerce, finance, industry or trade. These very factors are altering human destiny by the day in extraordinary ways, both positive and negative. GNH directly addresses such global, national and individual challenges by pointing to the non-material roots of well-being and offering ways to balance and satisfy the dual needs of the human being within the limits of what nature can provide on a sustainable basis" GNH Center Bhutan.

Today with Information Technology evolving very fast whose ubiquitous influence has permeated almost everything around us, it has become essential to explore and give wider perspective to management of information technology to promote and enhance GNH principles and values. In this light, the International Conference on the theme Managing ICT for GNH based Development is timely and very relevant.

About Computer Society of India

Computer Society of India, which was started on 6 March 1965, is a non-profit professional meet formed to exchange views and information, learn and share ideas. The wide spectrum of members is committed to the advancement of the theory and practice of Computer Engineering and Technology systems, Science and Engineering, Information Processing and related Arts and Sciences. Today, Computer Society of India is a national body representing computer professionals with 72 chapters across India, 511 student branches and 100,000 members. The Society encourages and actively assists professionals to maintain integrity and competence of the profession and fosters a sense of partnership amongst members. The Society represents India in technical committees and working groups of International Federation for Information Processing (IFIP)

Executive Committee

Prof. A. K. Nayak	Vice President
Dr. Santosh Kumar Yadav	Hony. Secretary
Mr. Manas Ranjan Pattnaik	Hony. Treasurer

About GMANDS.com

A .com company registered with the Indian Companies Act, 2013, 100% Women Startup, categorized as a Micro Enterprise in the Service Sector (as per the Ministry of Medium, Small and Micro Enterprises, Government of India classification of MSMEs). It is accessible over the net through a secured site by its popular name 'gmands.com'

The company is engaged into consultancy and training and IT and ITeS. It has established linkages with various institutions - governmental, private and NGOs. It is under the expert guidance of advisors and have empaneled various and varied consultants from all over the world.

At its core, revenue flows through collaborations. It has made in-roads into the society through its "Green Initiatives" - 100% paperless office work through different software solutions, Solar Solutions, Low Cost Water treatment, GPS Tracking and there is continuous R&D on different areas. It is actively involved with education, training and consultancy. It provides training and orientation to educators, trainers and learners for empowerment, enhance entrepreneurship, establish collaborations, facilitate exchange programmes, framing curriculum and draft syllabus, tie-up resources on need basis and also engage in seminars, conferences and alike.

The name GLOPAL stands for GLO – Global and PAL – friend. It assures to be 'Your Global friend'. It also appears on its registered trademark along with the symbiosis of two letters, viz. G and P and it strives to act a "Friend in need".

Tentative schedule of International Conference

Day1- 07.03.2019

09.00 A.M. to 10.00 A.M.	REGISTRATION
10.00 AM. to 10.45 A.M.	Inaugural Ceremony
10.45 AM. to 11.00 A.M.	TEA BREAK
11.00 A.M. to 11.10 A.M.	Welcome Address
11.10 A.M. to 11.15 A.M.	Introduction of GMANDS
11.15A.M. to 11.20 A.M.	Introduction of GCIT
11.20 A.M. to 11.50 A.M.	Address by the Chief Guest
11.50 A.M. to 12.00 Noon	Vote of Thanks

Lunch break [upto 1-00 p.m.]

Technical Session -1	01.00 P.M. to 3.00 P.M.	
Technical Session -2	03.00 P.M. to 3.30 P.M.	TEA BREAK
Technical Session -2	03.30 P.M. to 5.30 P.M.	
Cultural Programme	6.30 P.M. to 7.30P.M.	

Day2- 08.03.2019

09.00 A.M. to 10.00 A.M.	Commemorative Lectures
10.00 A.M. to 10.15 A.M.	TEA BREAK
10.15 A.M. to 12.15 P.M.	

Lunch break [upto 1-15 p.m.]

Technical Session -4	01.15 P.M. to 3.15 P.M.	
Technical Session -4	03.15 P.M. to 3.30 P.M.	TEA BREAK
Valedictory Session	03.30 P.M. to 5.30 P.M.	

The Technical Sessions will cover the following themes:

Technical Session~1 Contribution of ICT in Bussiness and Management

Technical Session~2 ICT for Culture and Conservation

Technical Session~3 Managing ICT for Good Governance

Technical Session~4 ICT and Sustainable Solutions

Guidelines for Paper Contribution

The organizing team welcomes contribution in the form of well-researched papers related to the theme and sub-themes. Contributors are requested to follow the Guidelines given below;

Section I: Topic and an Abstract of about 100 words with 'Keywords'

Section II: About the Author(s): Bio-data (a brief resume of about 50 words), institutional affiliation, a recent passport-size photograph and the mailing address with mobile no. In case of more than one author, first author and/or communicating author should be clearly identified.

Section III: A signed declaration of originality and conformance to research ethics should accompany the paper, including the declaration that the paper has not been published elsewhere and has not been sent for publication anywhere else.

Section IV: Full paper

Normal page layout, **Times New Roman** Font with size **12**, headings should be maximum of size **14** and single line spacing.

All diagrams, charts and graphs should be referred to as Figures and consecutively numbered (Fig.1, Fig.2, and so on). Tables should carry only essential data and should complement the text.

They should carry a short title, be numbered (Table 1) and carry the source at the bottom. Each table must be referenced in the text.

The paper should have sub-headings to make it more reader-friendly.

For referencing, follow APA style.

While sending Abstracts, please include Sections I and II only and submit to ***ic2018.gcit@rub.edu.bt*** by **30th November 2018**, with file name using Initials of the First Author (XXX) and Date of sending the Abstract (DDMMYY): **ABSTRACT-XXX-DDMMYY.doc**

After double-blind review, communication of acceptance of Abstract shall be completed within **5th December 2018**.

Full-papers should be submitted to ***ic2018.gcit@rub.edu.bt*** containing all the Sections I, II, III and IV by **10th January 2019**.

After double-blind review, communication of acceptance of Full paper shall be completed within **20th January 2019**.

Registration of all the authors whose papers are accepted should be completed by **15th February 2019**.

Registration

Registration fees **Nu.7000/-or USD 100**per participant. Any person(s) accompanying the registered participant will also have to pay the same amount.

(Registration fee covers food, accommodation, conference kit and transportation from and to Guwahati and GCIT)

Payment mode and Bank details

All payments should be made to the following Account by NEFT/IMPS/ RTGS/Wire Transfer/ Cheque.

Bank: **Bhutan National Bank Ltd.**

Account name: **GCIT Conference Committee A/C**

Account Number: **5100076761002**

Swift Code: **BNBTBTBT**

Reaching GCIT

Entry permit/Visa processing will be facilitated by the organizers. However, any applicable fees shall be paid by the participants.

All the registered participants must carry along the original documents such as Passport or Voter ID with the minimum validity of 6 months.

Arrival and departure dates shall be communicated to the registered participants through email.

The transportation shall be arranged by the organizers only for those participants entering and exiting through Guwahati Airport/Railway station.

GCIT can also be reached by air from Paro, by road from Samdrup Jongkhar(nearest) and Phuentsholing.

Organizing committee

Patron in Chief:

President(GCIT) - Mr. Lhato Jamba

Organizing Secretary:

Prof. (Dr) Priyotosh Khan

Co-Organizing Secretary:

Mr Tshering

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