

# CHANDRA SHEKHAR DUBEY PhD

Director, Campus of Open Learning (Ex-officio EC Member)  
Director, Institute of Lifelong Learning  
Chairman, Governing Body, School of Open Learning  
UNIVERSITY OF DELHI

## Professional Summary Date of Birth 01-01-1955

Results-oriented leader with over 35 years of experience and demonstrated record of accomplishments in leading and overseeing development towards future of education systems. Strong history of devising precise and targeted plans for taking our universities and making them ready to produce future leaders.

## Administration Experience

University of Delhi—**Chairman, Undergraduate Course Revision Committee for First in India Learning Outcome Course framework (LOCF) for Delhi University UG programs**  
**IMPLIMENTED IN NEW ACADEMIC SESSION 2019-2020**

03/2019 - Current

- Provided guidelines and framework for creation of **LMS Dashboard and templates for Administrators, Deans, Coordinators, working group members, Stakeholders** (International and National Experts, Alumni's, Students, Industry etc.) for transparent and Virtual Monitoring based on UGC guidelines and skills for 4th Industrial Revolution.
- More than **70 UG programs, 3500 courses** with the help of **>3000 faculty** from Departments/Colleges have revised CBCS curriculum under Learning Outcome Course Framework (LOCF) in **four months** with continuous monitoring on (Picture in Picture mode) PinPself-designed Dashboard by School of Open Learning Technical Team.
- Approximately 1000 Stakeholders (International and National Experts, Alumni's, Toppers/Students, Industry etc.) were selected for getting feedbacks and suggestions.
- The highlight of the programs are outlining course objectives in term of ethics, social cultural outlook, Global knowledge, skills related to 4th IR, environmental resilience/sustainability and studies related to public good and CSR, outlining weekly Teaching Learning processes in terms of pedagogy (i.e. suggestive unit wise Chapters, Videos, self-learning material, projects, case studies, assignments, MCQs etc.) and defining learning Outcomes and Assessment methodology.
- UGCR is having specified time/space for skills/experiential learning related activities.



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## Education

**Subject:** Ph. D. in GEOLOGY

**Institution:** Delhi University

**Year:** 1993-94

**Details:** Thesis topic: Metamorphic of Sikkim Himalayas

**Subject:** P. G. Diploma

**Institution:** CNR-IIRG, School of Geothermics,  
Pisa, Italy

**Year:** 1986-87

**Details:** Subject: Geothermal Exploration (Merit)

**Subject:** M. Phil. in Geology

**Institution:** Delhi University

**Year:** 1982

**Details:** Thesis Topic: Morphotectonic in part of  
Sikkim Himalayas (Ist Division)

**Subject:** M. Sc. in Geology

**Institution:** Delhi University

**Year:** 1978-79

**Details:** Subjects: Applied Geology (Ist  
Division)

## International Recognition & Accomplishments

## ***University of Delhi - Director, Campus of Open Learning & Ex-Officio Chairman, Governing Body, School of Open Learning***

02/2013 - Current

- 2019-20 adopting July 2018 UGC Online Gazette and working on its execution in five UG courses in Campus of Open Learning, DU for the first time in Indian Universities from new session 2019.
- 2016-present 100% Admissions are online with Single Window (free online E-material, admit cards, I-cards and personal online Notices, query replies etc.)
- More than Five lakh students are learning on personal student friendly **LMS Dashboard prepared by ICT Team** under my guidance.
- Developed In house Infrastructure for live streaming, Audio and Video Lectures, online and offline dissemination, Admission dashboards for 2nd and 3rd year regular students of all Delhi University Colleges, UG course revision, OER based dashboard for e-Self Learning material for individual students and E-Library portal etc.
- 2013-14, Two UK-INDIA (UKIERI) Projects on training Faculty and students on Digital Literacy and Innovation for Tomorrow's Education (**ID-Lite**) and **Computer Gaming exchange programs**: A way forwarding Digital India.
- **2018 the savings doubled to > Rs 600 crores since 2013 (in my tenure)** from Rs 257 crores in 1962 (Disruption Online)
- 2016 School of Open Learning has been awarded ASSOCHAM INDIA EDUCATIONAL, **NATIONAL EXCELLENCE AWARDS** for BEST UNIVERSITY IN OPEN, DISTANCE, AND ONLINE LEARNING

## ***University of Delhi - Member - Vice Chancellors Core Team***

01/2013 - Current

## ***University of Delhi - Member - Ex-Officio Executive Council***

01/2013 - Current

## ***University of Delhi - Member - Academic Council***

07/2011 - Current

## ***University of Delhi - Director, Institute of Lifelong Learning***

10/2018 - Current

- Responsible for ICT, Virtual Learning Environment (VLE), (more than 1700 online Lectures, 100s of Video lectures and > 30,000 E-quizzes and preparing Live streaming of lectures for 4th Industrial Revolution innovation and skills
- The SWAYAM/ NME-ICT 4 Quadrant approach related material development is already in process for Online Gazette 2018 UG courses under Campus of Open learning/SOL and ILLL in my supervision for session 2019-2020

- **2017-19**, Appointed **Ambassador and Expert member for Advocacy for Open Education Resources** by the International Council for Distance Education, (**ICDE**) **Norway**
- **2016**, Invited by **UC Berkley, USA** for a Workshop by **TIMES HIGHER EDUCATION (THE)** on **World class Universities and Public Good** (Group discussions with top 100 Universities VCs/Executive Officers)
- **2012** **One of the 25 selected world leaders** invited by **University of Harvard and Italian Minister for Environment** from the academic, government, business, and civil society communities for a frank, off-the-record discussion of the key questions on sustainable growth confronting environmental regulators in fast-industrializing countries; the sixth annual Executive Session on **Industrial Pollution, Regulation and Growth: Governance Challenges and Innovations** convened by the Sustainability Science Program, Harvard University in cooperation with the Venice International University (VIU) and Italy's Ministry for Environment, Land and Sea, **San Servolo in Venice, Italy.**
- **2011**, **Keynote Speaker** on "**Business Co-operations and Interactions** on University of Excellence in India-A global Perspective at 4<sup>th</sup> University-Business forum under European Commission, **Brussels, Belgium.**
- **2011**, Group discussions on Imja lake South-South Expeditions and Glacial Lake Outburst Hazards Workshop in Hindu-Kush Himalayas, Nepal.
- **2014, 2012, 2010, 2004** **Special talks Chaired Session** in the prestigious meetings of renowned Himalayan Geologists in the 29<sup>th</sup>, 27<sup>th</sup>, 25<sup>th</sup> and 19<sup>th</sup> Himalaya-Karakoram-Tibet Workshop at, Italy, Nepal, San Francisco, USA and Niseko, Japan respectively.
- **2004-2006**, **NSF-DST Fellowship** at OSU, UCLA and KSU (USA).

## **University of Delhi - Chairman, DU Sports Council**

09/2011 - 05/2019

- 2018 Three Medals in Asian Games. Three students participated in Rio Olympics 2016.
- 2017-18 >90 Inter University medals, 2016-17 >60 Medals
- 2014-15 21 International, 177 National and 67 Inter University medals, 13 students represented India in July 2015 World University Games, S. Korea, 1 Bronze
- 2015, Received a Grant of Rs. 1.75 Crores for Shooting range and Sports Hostel
- 2013-14 35 Inter University medals
- 2012-13 transparency in Sports Quota admissions and New Guidelines for Sports Admissions

## **University of Delhi - Dean, Science Faculty and Chairman Board of Research Studies**

01/2013 - 12/2014

- Chairman, Grant allocation Committee, Research and Innovation Projects (up to Rs.10,00,000) to UG students and faculty of DU Colleges.
- Thrust and autonomy to Potential College Faculties (who have research projects, Lab space and papers with good citations and HIF) for taking more Ph.D. students eq. to University Departments
- Initiated inter- and Trans-disciplinary courses after Lunch in PG programs)

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## **Teaching Experience**

### **Head, Department of Geology**

2011-2014

- New M.Sc. integrated Geology (3+2 yrs.). Adding 5% of JEE course to merit. An Innovative course for professional Geology and research and attracting highly talented Students
- High Funding Projects CAS-UGC, FIST-DST, DST-University, New Hall and Museum, Rs. 10 Crs, Consultancy Projects Rs. 50 lakhs
- Conglomerate Festival (Seminar, Industrial and Expert Guests Lectures, Debates, Quiz, Cultural, and Alumni Association Meets)
- BEST PRACTICES AWARD, DU among all the Faculties & Departments of Arts, Social and Science 1st Prize Rupees 10 Lakhs in 2014 and 3rd. Prize 5 Lakhs, 2013
- International Collaboration MOU with Grenoble University, France,
- American Association of Petroleum Geology student Chapter (won prizes in 2013-14)

- 1997-98, B.P. Koirala, India-Nepal fellowship
- 1986-87, UNESCO Fellowship, CNR, Pisa, Italy

### **Special talks on Digital Disruption and Education 4.0**

- 2017 delivered talk on “Disrupting Open and Distance Education through the Digital Technology and Online Learning: A way forward for Progress of Young India” at EDUCATION 2030 **Visionary leadership** for Digital Transformation Higher education for the sustainable world we want, held at **UNESCO HQ, Paris, France** hosted by ICDE, Norway
- 2018 **Invited Speaker** at the AWS Partner Confluence Innovating Education in The Age of Cloud. Entitled “Enabling Anytime, anywhere learning: Disrupting Open and Distance Education through the Digital technology empowering Educators to build the Next-generation workforce” Hotel Leela Palace, Gurugram, INDIA
- 2018 **Chief Guest & Speaker** entitled “The Future of Jobs (4th Industrial Revolution), Skilling and Reskilling, Drivers of Change” K.M. College, Delhi University UGC Training program for Entrepreneurship and skill development.

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## **Contribution to Government of India Committees**

**UGC/MHRD COMMITTEES (last 5 years)**

- 2016-contd. UGC Nominee, NBKR Institute of Science and Technology, Nellore A.P
- 2016-contd. Expert Member, UGC

## ***Professor, Environment Geology, Himalayan Studies in relation to Climate Change and Neotectonics, Mining and Industrial Hazards***

*Feb. 2004-Present*

- > 50 research publications mainly in International Journals IF varying up to 5, Edited 3 books
- Cumulative Impact factor of published papers >75
- > 1100 citations (approx.700 in last 5 years)
- <https://scholar.google.co.in/citations?user=hqyXRe4AAAAJ&hl=en>,
- Research projects > Rupees. 2 Crores
- 14 Ph.Ds. completed (still full quota)
- 2013- present: Editor in Chief International Jour. Advancement in Earth and Environment Sciences, IROSSS (ISI I.F 1.25; peer reviewed journal,ISSN 2321 – 9149)
- NSF (USA), UNESCO, B.P. Koirala India-Nepal International Fellowships
- Executive Member, Indian Geological Congress, Secretary, Mineralogical Society of India,
- Member, Geological Society of America and Geological Society of India
- One Patent on Treatment of Arsenic in Hazardous waters by Scolecite (Zeolite)

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### ***Leadership and participation in other Committees***

- 2018, **Chair/Coordinator, Mock Drills, University for Ranking and Assessments under NAAC** - Visited and personally guided most of the Departments of Delhi University (>40) for PowerPoint presentations, website updating and Brochure/Booklet as ready reference during NAAC team visit to Delhi University. The University was accredited 3.89/4.00 in 30% of grades for Team visit and 3.04/4.00 in quantitative SSR and an overall A+ Grade.
- 2018-19, Member, Advisory Committee (Think-tank) for Leadership for Academicians Programme (**LEAP**), a three-week flagship leadership development training program for (two-weeks domestic and one-week foreign training for second Level Academic Functionaries of HE.
- 2016-17, **Chairman, Exam Reforms**, School of Open Learning, Delhi University - Reforms removed corrupt practices and streamlining of Examination system and timely results of students of School of Open Learning (5 lakh students) from 2018 onwards
- 2013-2015, **Coordinator, and Advisory**, Antardhvani Festival, A mega festival showcasing achievements of DU.
- 2012-2014, **Chairman of the committee for the first three GYANODAY trains**: A concept on College of wheels on Gandhi Ji's train visits.
- 2012 **Chief Election Officer**, Delhi University Students Union (DUSU) elections
- 2012-13, **Chairman, Governing Body, Ramjas College**, Member Governing Body (2013-15) of K.M. College, A.R.S.D College, University College of Medical Sciences, VC Nominee in appointments and Department Research Councils of Chemistry, Physical Education etc.

Nominee on Centre for Potential of Excellence-UGCat Mysore University

- **2017-2018**, Expert Member HPDEC UGC-High Powered Distance Education Committee to give new dimensions to Open, and Distance Education in the country.
- **2018-19**, Expert member, Grant allocation Committee, Financial Assistance to Open and Distance Learning Universities and Institutes, DEB, UGC
- **2018**. Member, Expert Committee to evaluate/assess the suitability of MATS University, Raipur, Chhattisgarh and Sikkim Manipal University for offering programmes under ODL mode from 2018-19 onwards as per UGC (ODL) Regulations, 2017 and its subsequent amendments.
- **2015**, DU Vice Chancellors Nominee at MHRD-Vice Chancellors Committee meeting in Lucknow for final formulation of Choice based Credit System (CBCS) and Common Admission Test for Central Universities.
- **2014-2015**: Chairman, UGC Committee to give Autonomous Status to Colleges in Different Universities
- **2015**, Coordinator, UGC New CBCS Geology syllabus,
- **2010-15**: Expert Member UGC-SAP, Major and Minor Research projects, PDF and Foreign Exchange programs for Funding and Advisory in various UGC committees.

### **MINISTRY OF SCIENCE AND TECHNOLOGY, GOI**

- **2018-2020** Chairman, Expert Committee to develop new Post doctorate fellowship program in Geospatial technology, Ministry of Science and Technology, Govt. of India.
- **2016-contd.** Expert Member, Project appraisal Committee (PAC) Natural

- 2011, **Chief Returning Officer**DUSU Elections
- 2004-Present, Member, University Court, Delhi University

### ***Research Interests / Specialization***

- Digital Learning & Web2tools in Teaching & Learning In a flipped class room, I have initiated preparation of audio and video lectures with Web2Tools and more importance to pedagogues for experiential Learning, group discussions, case studies, continuous assessment and skill oriented projects in the PCP teaching. We have developed an individual LMS with Student and Employee dashboards along with a robust ERP.
- Geospatial Studies, Environmental Geology (RS and GIS)/Neotectonics Studies/Earthquake Engineering/River valley Project. Himalayan Geology (Studies from Exhumation to Erosion and Mass wasting
- Geology, Geotechnical, Environment Impact assessment and management Plans H.E. Projects, Oil and Gas Projects, River valleys etc.
- Computer Laboratory Setup/Software Applications in Geology (GIS, Datamine, Internet applications, and Geological Software's).
- Geochemistry & Geothermal Exploration.
- As the Director Campus of Open Learning and Chairman GB SOL approx... 450,000 students have been upgraded from completely offline to online mode deliverables in admissions and Examinations. As Project In charge of two UKIERI projects on Digital Literacy and Computer Gaming have trained 60 teachers in pedagogy with experiential learning on Web2tools. I have started Short Term Private Online (SPOCS) and offline skill-based courses to initiate Just in Time Education Course contents for Make in India in Partnership and collaboration with industries related to 4th Industrial Revolution.

### ***Expertise on Committees***

- 2019- Chairman, First LOCF based revision under CBCS for Undergraduate syllabus revision
- 2018- Chairman, Expert committee to develop a New Post Doctorate Fellowship Program in Geospatial Technology, NRDMS Division, DST, Ministry of Science and technology, GOI. (2018-2020)
- 2018 Expert Member, CSIR SRF/RA Selection Committee Meeting in the area of "Earth, Ocean, Atmosphere and Planetary Sciences (EARTH-11), CSIR-DST
- 2017- Appointed as Ambassador for the global advocacy of OER (Open educational resources) for two years (2017- 2019) in ICDE (International Council for Open and Distance Education)–Oslo, Norway
- 2017- Present Expert Member HPDEC UGC-High Powered Distance Education Committee to give new dimensions to Open and Distance Education in the country (for Three Years 2017-2020)
- 2017 Expert Member, Research Council, Defense Terrain Research Laboratory, DRDO, Ministry of defense, Government of India
- 2016 Expert member, NATIONAL GEOSPATIAL POLICY DST CONSULTATIVE COMMITTEE
- Expert Member, Women PDF Committee, UGC (2013)
- Expert Member, Indo-USA Obama and Raman Post Doctorate

Resource Data Management System (NRDMS) Department of Science and Technology, DST, Government of India

### **MINISTRY OF ENVIRONMENT AND FORESTS, GOI**

*Corporate Social responsibility related*

- **2009-2015:** Member Expert, EAC, Industries: Initiated new Terms of Reference (TOR) called as **Enterprise Social Commitment** (different from CSR) where 5 % of the construction cost (varying in 1000s of Cr of Rs.) should be utilized for social commitments based on a Public hearing in near-by rural areas. Drafted New 2015 Guidelines for Terms of Reference.
- **1992-1996:** Member Expert, EAC, River Valley Projects (Hydro-electric, Irrigation, and Drinking): Drafted 1996 Guidelines for (TOR)

**Consultancy:**Sub-surface geological and geophysical mapping of underground Metro-Rail Corridor, Delhi Metro Railways Corporation., EIA and EMP, Geological and Geotechnical studies in various Himalayan Hydro Projects, Tripura Oil and gas field. Petrographic examination of Coarse and fine aggregates for use as construction material in various Tunnels and Hydraulic structures in RITES and Ministry of Water Resources, GOI.

**One Patent:** Treatment of Arsenic in Hazardous waters by Scolecite (Zeolite)

### ***Fellowship/ Awards***

- SOL has been awarded ASSOCHAM INDIA EDUCATIONAL, NATIONAL EXCELLENCE AWARDS for BEST UNIVERSITY IN OPEN, DISTANCE, AND ONLINE LEARNING (2016)
- Visiting Professor, Grenoble, France (2007 and 2009).

Fellowships, UGC (2013)

- Special invitee for attending the workshop on workshop on Industrial Pollution, Regulation and Growth: Governance Challenges and Innovation, at Venice International University organized by Harvard University and the Italy's Ministry for Environment, Land and Sea (2012).
- Advisor, Board of Research Studies, Rajiv Gandhi National Institute for Youth development, Sriperumbudur, Chennai (2011 contd.)
- Nominee Expert Member (of Minister for Youth, Sports and Culture) as Academician, Selection Committees for Faculty posts of Lakshmi Bai National University of Physical Education, Gwalior (2011)
- Expert Member, CAS-UGC Review Committees of Punjab and Kumaon University (2011-12)
- Expert Member, Selection Committee for Head, Department of Geology, M S University, Baroda (2011)
- Expert Member, Selection Committee for National Youth Awards, Ministry of Youth and Cultural Affairs, Govt. of India (2011)
- Expert Member, Selection Committee for Tensing Norgay Awards (Equivalent Arjun Awards), Ministry of Youth and Cultural Affairs, Govt. of India (2011)
- Expert Member, Selection Committee for Scientist C & F Posts in Ministry of Earth Sciences, Govt. of India (2011)
- Expert Member, National Expert Appraisal Committee (EAC)-1 in the Industry Sector for Assessment, evaluation and clearance under the EIA Notification, 2006, Ministry of Environment and Forests, Govt. of India (2009-12).
- Expert Member, Sub-Committee on Application of Geosciences for weaker Sections, Ministry of Science and Technology (DST), Govt. of India (2009-12). (Assigned to submit Vision Document on Prevention and remediation of occupational hazards, Geo hazards, inventory design of low cost seismic, flood, cyclone, landslides and Tsunami resistant structure, Climate change adaptability options).
- Expert Member, Geohazards (Landslides, Tsunamis etc.) Ministry of Science and Technology (DST), Govt. of India (2009-2012).
- UGC Nominee. Academic Staff College, Shimla (2008-2010).
- SAP-UGC Expert Advisory Member, Rajasthan and Goa Universities (contd.).
- Expert Member, PAC, R&D Panel, Indian National Committee, (CGWB) Ministry of Water Resources, Govt. of India (2010-2013).
- External Expert Member, Board of Research Studies, Departments of Geoinformatics and Geology, Kumaun University (2010-2013).
- Member, Health Impacts of Geological Disasters Committee, International Medical Geologists Association, IUGS.
- Indian Representative as Member, Himalayan Co-ordination Committee, ILP, UNESCO in Switzerland.
- 1992-96 Expert Member, Project Appraisal Committee, River Valley and H.E. Projects, Ministry of Environment and Forests, Govt. of India, in 1992-1996.
- Vigyan Sangrakshak award from Delhi University Society for Natural Sciences, 1991.

- NSF-DST Project Fellow 2004-2006 (Indo-US).
- B.P. Koirala India-Nepal Foundation Fellow 1995-1997. (Indo-Nepal).
- UNESCO Fellow under Indo-Italian 1986-1987. Technical Co-operation program in Italy. (Indo-Italian).

## **Trainings**

- Training in Datamine Geoexploration Software.
- Training on computer applications in GIS mapping and remote sensing, at Rolta India Ltd. 1995.
- Workshop on Application of Phase Equilibria studies in Department of Geology, University of Delhi, and March 1991.
- Attended UNESCO sponsored training on "Geothermal Exploration" under Indo-Italian Technical Co-operation program, Pisa, Italy. Nov.15, 1986 - June 30, 1987.
- Attended Summer Institute on scientific and industrial applications of "Ore Microscopy" sponsored by University Grants Commission at Indian School of Mines, Dhanbad, and May 20- June 9, 1984.

- Awarded first ever Diploma of Merit in past 20 years of opening of International School of Geothermics, Pisa, Italy for training in "Geothermal Exploration" in 1987.

CSDubey

**(Signature)**

