

## Vikas

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## EDUCATION

**National Institute of Food Technology Entrepreneurship and Management (*An Institute of National Importance*)**

- Food Business Management and Entrepreneurship Development
  - **PhD (Food Business Management :- Rural Development)** **2013-2019**

**University School of Management, Kurukshetra University** **2007-2009**

- MBA (Honors) Finance

**University of Delhi** **2003-2006**

- B.Sc Life Science

**Indira Gandhi National Open University (IGNOU)** **2018-Pursuing (Online Mode)**

- Post Graduate Diploma in Sustainable Science

## TRAINING

### **COGNIXIA**

- **Certificate Course on *Internet of Things*** **2018 (Completed)**

## RESEARCH EXPERIENCE

**National Institute of Food Technology Entrepreneurship and Management,** **2013-2019**

Ph.D. Research

- Thesis Title: - Structure of Microfinance Institutions and their impact on the Performance of Self Help Groups: An Empirical Study
- Results: Able to measure performance of Self Help Groups working in two district of Haryana by using self-help group performance measurement tool, regulatory mechanism, training evaluation by using Kirkpatrick model and designing game theoretic model for the marketing strategies of SHGs product.

## PROFESSIONAL INVOLVEMENT

**National Institute of Food Technology Entrepreneurship and Management** **04/04/2016-14/04/2016**

*Village Adoption Programme-10*

Designation: - Technical Mentor

Role : -

- Mentoring four B.Tech and Five M.Tech students.
- Facilitating students to conduct survey and promotional program in the rural area for 10 days.

- Taking lectures and disseminating information about micro scale food processing unit to the Self Help Groups.
- Preparing detail project report of micro and small scale food processing unit.

### **MEMBERSHIP**

- Italian Econometric Association      2016-Present

### **PUBLICATION/WORKSHOPS/CONFERENCES**

- **Published/Accepted Paper**

- **Vikas**, Bhayana Sanjay. Performance and Challenges of Self Help Groups in Haryana; A Study with Special Reference to Jhajjar District, *AAYAM-AKGIM Journal of Management* ISSN (2231-4326).
- **Vikas**, Bhayana Sanjay. Role of Microfinance Institutions in Promoting Sustainability: a Review, *SIMS International Journal of Management* (ISSN: 2349- 5537).
- **Vikas** and Bhayana, Sanjay.2017, Clustering of Self Help Groups Performance Parameters: A Measure for Achieving Economies of Scale. *International Journal Recent Scientific Research*. 8(2), pp. 15510-15513.
- **Vikas**, Bhayana, Sanjay, An Empirical Study Of Relationship Between Saving And Entrepreneurial Characteristics Of Self Help Groups With Special Reference To Haryana. *International Journal of Science Technology and Management*. Vol. No. 5, Issue No. 08, August, 2016 (ISSN: 2394-1537).

- **Communicated Paper**

- Agarwal, Surbhi, Chauhan Komal, **Vikas** Antidiabetic Potential of Seaweeds and their Bioactive Compounds: A Review of Developments in Last Decade (*Critical Reviews in Food Science and Nutrition*)
- Sagar, Alok.N, Parek Sunil, **Vikas** Antimicrobial and Flavonoid Evaluation of Sonication-Assisted Onion Skin Extract of Fifteen Indian Cultivars through Principal Component Analysis (*International Journal of Food Microbiology*)

- **Book Chapter**

- **Vikas Singh**, Shilpa Sindhu and Anupama Panghal. (August-2020) ‘Entrepreneurship Policy and Support Framework in India’, in *Organising Entrepreneurship and MSMEs Across India*

- **Papers Presented in Conference/Workshops Attended**

- Presented paper titled “*An Empirical Study of Relationship Between Saving and Entrepreneurial Characteristics of Self Help Groups with Special Reference to Haryana*” at Conference “International Conference on Recent innovations in Sciences, Management, Education and Technology” organized by ‘JCD Vidyapeeth, Barnala Road, Sirsa, Haryana’ (27<sup>th</sup> August, 2016).

- Presented Paper titled “***Review of Credit Scoring Model***” at Doctoral Research in International Context (DRIC-2014) at NIFTEM, Sonipat (29<sup>th</sup>-30<sup>th</sup> August, 2014).
- Attended workshop on ***Data Analysis using SPSS*** organized by FBM&ED Department at NIFTEM, Sonipat (5<sup>th</sup>, March 2016).
- Attended International workshop titled “***Emerging Trends in Commodity Derivatives Research***” at IIT Kharagpur (15<sup>th</sup>-19<sup>th</sup> November, 2014).
  
- Attended “***Two Days Workshop on Statistical Data Analysis using SPSS***” at NIFTEM (28<sup>th</sup>-29<sup>th</sup> October, 2017).
- Attended “***TEQIP-III sponsored two-week Faculty Development Programme on Advances in Research Methods and Teaching Pedagogy***” organized by Delhi School of Management at Delhi Technological University (18<sup>th</sup>-29<sup>th</sup> June, 2018).
- Attended “***Two Days Workshop on Remote Sensing and GIS applications for Environmental, Natural Resource and Agricultural Economics***” at Indraprastha Institute of Information Technology Delhi.
  
- **Research Project as Mentor**
  - Evaluating Externality of Western Peripheral Expressway
  - Impact Assessment of Nonperforming Assets on Macroeconomics Factor: Evidences from Indian Economy
  - Factor Analysis of Brand Loyalty in Smartwatch Industry
  - Economic Indicators and Their Impact on Currency Volatility: A Case of Indian Agricultural Sector
  - Image base weight measurement
  - Identification and Validation of Model for Distinction Between Neutral and Negative Statements
  - Designing & Developing Digital Contaminants Detector for Fruits & Vegetables
  - Developing an Effective Algorithm for Logistic Management: A Case of Go4Fresh

## **COMPUTER SKILL**

- SPSS: -Regression, Correlation. Logit Regression, PCA, GLS, OLS
- STATA:- OLS,  $k$ -Clustering,
- MATLAB (basic): - Fuzzy logic, Stochastic Volatility Models, Gradient Descent, Particle Swarm Optimization, Genetic Algorithm
- R-Programming: - PCA, MCA, Regression, Support Vector Machine, Curve Fitting, Optimization, Clustering

## **HONORS**

### *Fellowship/Scholarship*

- NIFTEM Scholarship for Ph.D.
- Secure Scholarship of Euro 7200 for Master Environment Management at IE School of Business (Department of Social and Behavioral Sciences).

### *Awards*

- University Grant Commission-National Eligibility Test for *Assistant Professor*- Dec, 2015.
- “Bharat Ratna Mother Teresa Gold Medal Award” for Individual Contribution in Social Services by Global Economic Progress and Research Association.

### **WORK EXPERIENCE**

**National Institute of Food Technology Entrepreneurship and Management** 17/10/2019-  
Currently Working

*Designation:* - Research Associate (Evaluating and Assessing Impact of Social Entrepreneurship – Funded by *Indian Council of Social Science Research – Government of India*)

*Role:* -

- Reviewing Literature building conceptual model
- Research and analysis such as designing and executing field survey, data management, conducting analysis using modern tools.
- Preparation of presentations and papers

**Cluster Innovation Centre , University of Delhi**

14/09/2017- 25/05/2019

*Designation:* - Assistant Professor

*Role:* -

- To teach Financial Management, Macroeconomics, & Marketing Management at B. Tech Level allocated by the Program Coordinator.
- To supervise or assist with supervision of undergraduate.
- To participate in the development, administration and marking of exams and other assessments.
- To maintain own continuing professional development.

**Indian Institute of Foreign Trade**

31/05/2017-08/07/2017

*Designation:* - Research Associate

*Role:* -

- Collect and analyze data on international trade, economic, and other regional trends.
- Write reports, policy updates, and issue briefs that explain data trends, synthesize qualitative analysis, and relate their potential impact on changes in country, state, or local public policy.
- Collaborating with senior staff to develop long range strategies.

**Cluster Innovation Centre, University of Delhi**

10/08/2016-26/04/2017

*Designation:* - Guest Lecturer

*Role:* -

- To teach Efficient manufacturing process Production and Operations Management at B. Tech Level allocated by the Program Coordinator.
- To supervise or assist with supervision of undergraduate.
- To participate in the development, administration and marking of exams and other assessments.
- To maintain own continuing professional development.

**AAM FOUNDATION, New Delhi (India)**

23/02/2013-06/08/2013

*Designation:* - English Language Facilitator

*Role* :-

- Enabling students from underprivileged section of society to learn English
- Help Students to develop their critical thinking skills – the ability to reason, analyze and solve problems.
- Become self-reliant and develop self-confidence.
- Develop a sense of community – doing something for the greater good.

**GREENPEACE INDIA, New Delhi (India)**

23/10/2012-31/12/2012

*Designation:* - Out Reach Officer

*Role* :-

- Develops annual Outreach plan in conjunction with Outreach Manager, with detail activities to follow during the calendar year, which will help DD team on meeting or exceed ODP numbers.
- Maximize all opportunities in the process of closing permission.
- Coordinate with the respective Fund Raising Units/Unit Heads, for pan-India outreach work.
- Recommend solutions to supporters and corporate on various Environmental issues with the help of campaigners / external agencies.
- Develops a database (given territory) of qualified venues through various sources like internet, referrals, telephone, F2F cold calling & networking.
- Creates and conducts effective proposal presentations of Greenpeace which needs to be presented to the potential venues.
- Coordinate with Outreach counterparts to develop case studies for National permissions.
- Responsible for sourcing and developing patron relationships and referrals. Responsible for identifying and building effective centers of Influence Network with other NGOs to maximize the outreach result

**BANK OF AMERICA CONTINUUM  
SOLUTION INDIA LIMITED,  
Haryana, Gurgaon (India)**

16/02/2010-14/11/2010

*Designation:* -Treasury Solution Analyst

*Role* :-

- Draw charts and graphs, using computer spreadsheets, to illustrate technical reports.
- Investigate activities of institutions to enforce laws and regulations and to ensure the legality of transactions and operations or financial solvency.
- Prepare reports, exhibits and other supporting schedules that detail an institution's safety and soundness, compliance with laws and regulations, and recommended solutions to questionable financial conditions.
- Review balance sheets, operating income and expense accounts, and loan documentation to confirm institution assets and liabilities.
- Establish guidelines for procedures and policies that comply with new and revised regulations and direct their implementation.
- Prepare forms or agreements to complete sales.
- Complete loan applications, including credit analyses and summaries of loan requests, and submit to loan committees for approval.

### **EXTRA CURRICULAR ACTIVITIES**

- Participated in Fancy Dress Competition, Kendriya Vidyalaya Sangathan , Delhi Region, COMMEMORATION OF 50th ANNIVERSARY OF INDIA's INDEPENDENCE, 07/11/1996.
- Participated in Annual Training Camp, ANNUAL TRAINING CAMP 6th Delhi BN NCC, 25/09/2003-06/10/2003.
- Participated in Skit Competition, Year of Scientific Awareness, YSA-2004, Organized By SGTB KHALSA COLLEGE, University Of Delhi, Supported By Department Of Science And Technology, 17-19/11/2004.
- First prize in Short Skit Competition, Inter-College Zoology festival "CHRYSLIS2004", MAITREYI COLLEGE, University of Delhi, 30/04/2004.
- First Prize in Inter College One Act Play, DEEN DAYAL UPADHYAYA COLLEGE, University of Delhi, 21/12/2004.

### **REFERENCES**

#### **Academic Reference**

Name : - Dr. Prasanth Kumar

Designation: - Assistant Professor

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Name : - Dr. Y.S.C. Khuman (Programme Coordinator- PGDSS)  
Designation: - Assistant Professor  
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Name : - Dr. Anupama Panghal  
Designation: - Assistant Professor  
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