

## FACULTY PROFILE



### UNIVERSITY OF CALCUTTA

### DEPARTMENT OF HOME SCIENCE



1. **Full name of the faculty member:** DR. KAZI LAYLA KHALED
2. **Designation:** Assistant Professor
3. **Specialization:** Nutrition
4. **Contact information:** Department of Home Science  
University of Calcutta  
20B, Judges Court Road  
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5. **Academic Qualifications:**

College/University from which the degree was obtained	Abbreviation of the degree
University of Calcutta	B.Sc.(Hons)
University of Calcutta	M.Sc.
University of Calcutta	Ph.D .

6.**Position held/holding:**

*Assistant Professor*

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## 7. Research interests:

*Areas of research interest.*

- **Nutrition**
- **Dietetics**
- **Medicinal Plants and Herbs**
- **Unconventional and less familiar food**

## 8. Research guidance :

Thesis submitted : 2

Number of researchers enrolled in Ph.D. : 4

## 9. Projects:

### *Current Projects:*

**TITLE OF THE PROJECT : Application of Innovative Ideas About Food Processing And Preservation of Underutilized and Commonly Available Fruits, Vegetables and Their Wastes.**

Sponsoring agency: UPE-II

## 10. List of Publications:

### a) *Journals:*

#### **[2018]**

1. Sulagna Hatai and Kazi Layla Khaled(2018): Derogative Health Effects of Heavy Metals to Human from Fish and Their Products: a review, American International Journal of Research in Formal, Applied & Natural Sciences, volume24(1), pp.01-07, Sept. Nov. 2018, Issn: 2328-3272(print), ISSN-2328-3785(online), Impact Factor: 4.960.
2. Bidisha Das and Kazi Layla Khaled(2018): Drumstick(*Moringa orifera*) -A Natural Gift, An Extensive Review, International Journal of Pharmacy and Biological Sciences, Volume-8, Issue-3, pp.-1093-1103, July-Sept., 2018, Impact factor-3.123, ISSN:2321-3272(print), ISSN:2230-0294(online) .
3. Rukshana Irani, Kazi Layla Khaled, Chayanika Dutta(2018): Analysis of the Pattern of Complex Carbohydrates of Bamboo Shoot and Plantain Stem with Special Emphasis on its Impact on Metabolic Disorders, International Journal of Engineering , Science and Mathematics, volume-7, Special issue 4(1), pp. 61-66, April, 2018, Impact Factor-6.765, ISSN-2320-0294.

#### **[2017]**

1. Dipika Singh and Kazi Layla Khaled(2017): An Extensive Review on the Mushroom World, International Journal of Pharma and Bio Sciences, Volume-8, issue3, pp.B291-301, July 2017, ISSN: 0975-6299, impact Factor-6.268.

#### **[2016]**

1. Imana Pal, Kanika Dutta , Kazi Layla Khaled, Santa Dutta (De)(2016): Formulation and sensory evaluation of products developed from Neolamarckia cadamba fruit, American International Journal of

2. Shreyasi Halder, Kazi Layla Khaled(2016) : An extensive Review on the Relationship Between Food and Mood, International Journal of Science And Research(IJSR), Volume-5, Issue -5, pp. 1750-1755, ISSN: 2319-7064,I.F.- 6.391
3. Purnima Dey, Debarati Das, Kazi Layla Khaled(2016) :Effect of *Allium ampeloprasum* in counteracting Oxidative Stress Biomarker Induced by Low Protein Diet Rat Model, American International Journal of Research in Formal, Applied & Natural Science, vol-14(1), March-May, 2016, pp.30-34, ISSN: 2328-3777(Print),ISSN-2328-3785(Online), Impact Factor -4.960
4. Kazi Layla Khaled ,Payel Bhowmick, Soumi Pal Choudhury(2016):In vitro Study of Phytonutrients-Antioxidant and Antinutritional Properties of Kiwifruit(*Actinidia deliciosa*),Journal of International Academic Research For Multidisciplinary, Volume 3, Issue 12,pp. 188-194. ISSN : 2320-5083, Impact Factor-2.417

## [2015]

1. Imana Pal, Kazi Layla Khaled(2015): Quantitative Estimation of Some Important Minerals in Amrul Leaves (Leaves of *Oxalis corniculata* Linn.): An Underutilized Plant. International Journal of Current Research, Vol. 7, Issue, 06, pp. 16765-16767, 2015, Impact Factor-6.226
2. Purnima Dey, Kazi Layla Khaled(2015):An Extensive Review on Allium ampeloprasum-A Magical Herb,International Journal of Science and Research,Volume 4, Issue 7,pp. 371-377. ISSN:2319-7064,Impact Factor-4.438
3. Rukshana Irani and Kazi Layla Khaled(2015): Acacia Nilotica Gum:An Underutilized Food Commodities ,International Journal of Current Research, Volume 7,Issue 4,pp.14280-14288. ISSN : 0975-833X, Impact Factor-6.226
4. Rukshana Irani and Kazi Layla Khaled (2015): A Review on Polyherbal Formulation of Triphala-The Ayurvedic Wonder,Journal of Academic Research foe Multidisciplinary , Volume-3, Issue 4,pp.407-408, ISSN:2320-5083,Impact Factor-1.625
5. Purnima Dey, Kazi Layla Khaled(2015):Quantitative Estimation of Essential Minerals of *Gymnema sylvestre* as a Potential Herb in Counteracting Complications of Diabetes,International Journal of Research Studies in Biosciences,Volume 3,Issue 1,pp.71-74. ISSN : 2349-0365, Impact Factor-7.290

## [2014]

1. Kazi Layla Khaled ,Ira Ghosh ( 2014): Single and combined Effect of Garlic and Carbon Tetrachloride on Serum and Brain Acetylcholinesterase Activity in Rat, American International Journal of Research in Formal, Applied & Natural Sciences,Volume 5,Issue 1,pp.83-85. ISSN :2328-3777(print),ISSN:2328-3785(online),Impact Factor-4.960
2. Imana Pal, Avinanda Majumder, Kazi Layla Khaled,Santa Dutta (De)(2014):Quantitative Estimation of Some Essential Minerals in the Fruits of *Neolamarckia cadamba*, IOSR Journal of Pharmacy and

3. Soumi Pal Choudhury,Kazi Layla Khaled(2014): Estimation of Antioxidant and Antinutritional Factors of Green Broccoli Florets and Their Effects on Boiling, American International Journal of Research in Formal , Applied & Natural Sciences, Volume 8,Issue 1,pp.41-43. ISSN : 2328-3777,Impact Factor-3.830

**[2013]**

1. Kazi Layla Khaled ,Ira Ghosh(2013):Inhibition of Lipid Peroxidation By Garlic In Carbon Tetrachloride Induced Liver Intoxication, Indian Journal of Nutrition and Dietetics, volume 50, pp.168-172. ISSN : 0022-3174,

**[1998]**

1. P.S. Chattopadhyay,Subir Dasgupta,Kazi Layla Khaled,Subha Mukherjee,P.K.Kundu,Bharati Chatterjee(1998), Rural vs Urban Differences in Diet Among Diabetics at Diagonosis(Before Intervention)-An Exercise in Nutritional Epidemiology,International Journal of Diabetes in Developing Countries,Volume 18,No. 1, pp. 11-14, Impact Factor-0.361

***b)Books/Book Chapter:***

‘Diet of Pregnant Women’  
In the book Jeevan Bandhu  
Rajkanna Prakashan  
4<sup>th</sup> Edition,2004  
Edited by Dr. Chandramadhab Ghosh

***c) Conference/seminar volumes:***

- **‘Focusing The Nutritional Aspect of Some Underutilized Seeds’**, Purnima Dey ,Kazi Layla Khaled,pp.31-38,22<sup>nd</sup> -23<sup>rd</sup> September,2015 In UGC Sponsored Two Days Seminar on “Nutritional Deprivation in the Midst of Plenty”-An Attempt to Create Awareness, **ISBN 978-93-8310-27-1** Organized by Dept. of Food & Nutrition,Raidighi College,in collaboration with Dept. of Botany,Raidighi College,Dept. of Microbiology, Sarsuna College.
- **‘Review on Some Antidiabetic Plant of West Bengal’**,Imana Pal,Kazi Layla Khaled,Santa Datta (De),pp.39-43, 22<sup>nd</sup> -23<sup>rd</sup> September,2015, In UGC Sponsored Two Days Seminar on “Nutritional Deprivation in the Midst of Plenty”-An Attempt to Create Awareness, **ISBN 978-93-8310-27-1** ,Organized by Dept. of Food & Nutrition,Raidighi College,in collaboration with Dept. of Botany,Raidighi College, Dept. of Microbiology, Sarsuna College.
- **‘A Colourful Food Palette Can Improve Nutrition Security’**, Suchandra Dutta , Shreyasi Halder , Kazi Layla Khaled , pp.38 , 15<sup>th</sup> September ,2018 , in One Day National Conference on “FOOD AND NUTRITION SECURITY – THUS FAR AND FURTHER” Organized by Nutrition Society Of India on Golden Jubilee Celebration .

**d) Other publications:**

Papers presented & abstracts published in conference, Seminars, Workshops, Symposia:

Sl. No.	Title of Paper presented	Title of Conference / Seminar	Organised by	Whether international/ national/state regional/ college or University
1.	Poster presentation Gymnema sylvestre, The magic herb in the treatment of Diabetes and its complication. (page 50)	Prevention & Management Of Diabetes; Prospects & Challenges	Dept .of Pharmacology ,R.G.Kar Medical Colleg,Kolkata Indian Pharmacological Society, W.B.,Kolkata.,Diabetic Education and Research Foundation ,Kolkata	National
2.	Oral presentation: Preliminary Studies on Mineral content of Anti-hyperglycemic Herb Gymnema Sylvestre	Therapeautic ways to Wellness:Relevance of nutrition	Department of Home Science	National
3.	Oral presentation: Oxalis Corniculata Linn.(Amrul)-The Miraculous Plant	Therapeautic ways to Wellness:Relevance of nutrition	Department of Home Science	National
4.	Oral presentation: A Riview on Polyherbal Formulation of Triphala-The Ayurvedic Wonder.	Therapeautic ways to Wellness:Relevance of nutrition	Department of Home Science	National
5	Effect of Garlic in Counteracting Nutritional Stress	100 <sup>th</sup> Indian Science Congress	Indian Science Congress Association	National
6	Antioxidative Activity Of Citrus(Lime & Sweet lime) peel extract	100 <sup>th</sup> Indian Science Congress	Indian Science Congress Association	National

**11. Membership of Learned Societies :**

- a) Life member of Nutrition Society of India(NSI)
- b) Life member of Indian Dietetic Association(IDA)

c) Life member of Indian Science Congress Association

12. **Patents :NA**

13. **Details of invited lectures / papers presented in Conferences / Seminars, etc.**

Name of the Programme	Name of Organising Agency	International/ National/ State/University level	Title of the Paper / Talk	Duration (Dates of Event)
Special Lecture :	TARA DEVI HARAKH CHAND KANKARIA JAIN COLLEGE	University/college level	Importance of Protein as Nutrient and Beyond	8 <sup>th</sup> January,2019
National Seminar on “Nutritional Modification in Therapeutic Diets: New Approaches to Change the usual Dietary Trends in the Field of Nutrition.”	Department of Nutrition, Haldia Institute of Health Sciences, ICARE complex, Haldia-721657	National	Let Food be Your Medicine	19 <sup>th</sup> January,2018
Better Nutrition :Key to Development	Institute of Science education and Culture (ISEC) Collaboration with Birla industrial Technological Museum	National	Malnutrition The Great Challenge of Nutrition	9 <sup>th</sup> January,2016
Special Lecture	Acharya Prafulla Chandra College	State Level	Impact of Nutrition On Health and Wellbeing	20 <sup>th</sup> January,2016
UGC sponsored national seminar on “Nutritional Deprivation in the Midst of Plenty”-An attempt to create awareness	Dept. of Food and Nutrition, Raidighi College & Dept of Botany ,Raidighi college, & Dept. of Microbiology, Sarsuna college	National Level	1.Focusing the Nutritional Aspect of some Underutilized Seeds. 2.Review of some Antidiabetic Plants of West Bengal	22 <sup>nd</sup> & 23 <sup>rd</sup> September,2015
Special Lecture to mark the Diamond Jubilee year of UGC	Department of Chemistry, Behala College	State level	Role of Chemistry and Nutrition in Daily Life	11 <sup>th</sup> December,2014