

## Profile

1. **Name:** : Dr. Anjali Kumari Dash
2. **Department** : Botany
3. **Designation** : Associate Professor
4. **Date of joining** : 16.08.1991
5. **Nature of appointment** : Regular
6. **Service History ( from date of Joining)**

Name of the Institution	From	To	Year of Experience	Designation	Extracurricular Activity
Pattamundai College	16.08.1991	Till date	29 years	Associate Professor	As a member in Examination, cultural, Athletic, Herbal Garden Committee and 6 years of experience as NSS Officer

7. **Whether computer literate** : Yes

### 8. Qualification details

Examination	Year of Passing	Institution	Percentage	University
HSC	1982	Chandiagari High School	68.4	Board of Secondary Education, Orissa
I. Sc	1984	Utkal University	53.1	Utkal University
B. Sc	1986	Utkal University	60.4	Utkal University
M. Sc	1988	Utkal University	65.4	Utkal University
M. Phil	2007	Utkal University	71	Utkal University
Ph. D	2014	Utkal University	Awarded	Utkal University

### 9. Research publications in the journals notified on UGC website in details

Title Of Paper	Title Of Journal	Year Of Publication	ISBN/ISSM No.
Spatial and Temporal variation of Phytoplankton in hot spring of Atri, Odisha, India.	<i>Current Botany</i>	2012	ISSN: 2220-4822.

Diversity of Zooplanktons in Hot Water Spring of Atri, Odisha, India.	. <i>Int. J. Envi Sci. &amp; Tech.</i>	2012	ISSN: 2778- 0785
Physico-Chemical Analysis of Thermal Spring of Atri in the District of Khurda, Odisha,	<i>Int. Journ. of Chem. Sci and Applications</i>	2013	ISSN: 2278-6015
) Floristic Diversity of Khandapara forest ranges of Nayagarh District, Odisha, India	<i>Int. Journ. of Plant Sciences,</i>	2014	ISSN: 2319-3824
Phytosociological aspects of natural vegetation around hot spring and adjoining region of Atri, Khurda, Orissa	<i>Abiotic Stress on Plants</i>	2008	In proceedings
Phytoplanktons and zooplanktons in Hot water Spring of Atri, Odisha – A Preliminary Report	<i>Biotechnology and Stress Management</i>	2011	In proceedings
Diversity Indices and its application in Bioscience Researches. <i>Discrete Mathematics and its Application</i>	<i>Discrete Mathematics and its Application</i>	2012	In proceedings
Plankton diversity in relation to Physico-chemical parameters in Hot spring Atri, Odisha.	<i>Conservation of Wetlands and its Biodiversity in India with special Reference to Orissa,</i>	2012	In proceedings
Effect of abiotic stresses on phytoplankton diversity in Hot Sulphur Spring, Atri, Odisha.	. <i>Plants and Stress Management</i>	2012	In proceedings

#### 10. Book published:

Name of books	Year of Publication	Name of Publisher	ISBN/ISSM No.

#### 11. Seminar / Webinar /Conference/Workshop in details:

	International	National	State	Local

<b>Seminar/ conference Attended</b>	<b>15</b>	<b>22</b>	<b>02</b>	
<b>Paper presented</b>	<b>04</b>	<b>05</b>		
<b>Resource person</b>				
<b>Seminar Organised</b>			<b>01</b>	

**12. Minor / Major research project undertaken during service: nil**

**13. Honours / recognition received from Govt./ recognised body;-**

<b>Name of the Award</b>	<b>Awarding Institution</b>	<b>Date of Award</b>

**14. Professional development programme done during Service:**

**(Orientation Programme/ Refresher Course / Short Term Course /Faculty Development Programme)**

<b>Name of the programme</b>	<b>Name of the institution</b>	<b>Topic of the programme</b>	<b>From</b>	<b>To</b>
Orientation seminar	Trident Institute of Technology, Bhubaneswar	A New Frontier of Life Sciences	25.02.06	One day
Training and Orientation Programme	OUAT, Bhubaneswar	N.S.S. programme N.S.S. programme	28.01.98 13.01.99	06.02.98 17.01.99
short term course	Sambalpur University	Solid Waste Management	04.11.13	06.11.13
skill based workshop	Utkal University	Current Advances in Microscope to Molecules	17.11.15	18.11.15
Refresher Course	Utkal University	Trends in Life Science	21.11.15	11.12.15
Online training programme	Voice of Environment	Impact of Covid-19 Lockdown on the Biodiversity Climate change: How it is affecting Biological world Mental well being and psycho-social care for vulnerable groups	02.06.2020 14.06.2020 21.06 2020	One day One day One day
Faculty Development Programme	Govindrao wanjari college of Engineering and Technology, Nagpur  Hindusthan College of Arts and science	Environmental Sustainability and Green Energy  Learning Management system & E- content Development Tools	29.06 2020  01.07.2020	03.07.2020  08.07.2020

	Roorkee College of Polytechnic	ICT based Teaching and Learning Process	01.07.2020	05.07.2020
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### 15. Members of different societies :

- Life member of National Environmentalists Science Academy (NESA), New Delhi having Regd. No.91/88-89
- Life Member of Orissa Botanical Society (OBS)

### 16. Any other activities in details :-

Very much associated with plantation

### Research Experience-

1. UGC teacher fellow at P.G Dept. of Botany, Utkal University, Bhubaneswar from January 2007 to January 2008 and completed M.Phil and my dissertation was **“Phytosociological Aspects of Natural Vegetation around Hot Spring adjoining region of Atri, Khurda, Orissa”**
2. UGC teacher fellow for Ph.D at P.G Dept. of Botany, Utkal University, Bhubaneswar from July 2010 to July 2013 on the topic entitled **“Studies on diversity and distribution of planktons in the Hot spring of Atri, Khurda, Orissa”**

### Area of Research-

1. Flora and Fauna of hot spring Atri
2. Vegetation around Atri hot spring and Khandapara forest range

### Paper Presentation-

1. **Presented a paper** in International Conference on “Biodiversity and sustainable development- Strategies for future” on 29<sup>th</sup> -30<sup>th</sup> January 2019 entitled “Studies on diversity of Zooplanktons in the Hot Spring of Atri, Khurda, Odisha” at N. C. College, Jajpur, Odisha
2. **Presented a paper** in National Conference on “Climate Change - India and the World, the future course for a cooler Planet” on 25<sup>th</sup> -26<sup>th</sup> September 2016 entitled “Effect of Climate change on Phytoplankton” at S.N. College, Rajkanika, Odisha

3. **Presented a paper** in National Seminar on “Medicinal Plants, Health and Environment” on 9<sup>th</sup> -10<sup>th</sup> September 2016 entitled “Medicinal Plants of Odisha” at Acharya Prafulla Chandra College, New Barrackpore, West Bengal
4. **Presented a paper** in National Conference on “Biodiversity Assessment, Monitoring and Conservation: Application of Biotechnological Tools” on 22<sup>nd</sup> -23<sup>rd</sup> February 2015 entitled “Phytoplankton diversity assessment and Physico-chemical parameters in hot spring of Atri, Khurda, Odisha” at Regional Plant Resource Centre, Bhubaneswar
5. **Presented a paper** in International Conference on “Conserving Biodiversity for Sustainable Development” on 16<sup>th</sup> -18<sup>th</sup> August 2013 entitled “Plankton Diversity in relation to temperature gradient in the hot spring of Atri, Khurda, Odisha” at National Institute of Technology, Rourkela, Odisha
6. **Presented a paper** in National Seminar on “Climate Change and Biodiversity” on 23<sup>rd</sup> -24<sup>th</sup> November 2013 entitled “Studies on Plankton Diversity in the hot spring of Atri, Khurda, Odisha” at Central University of Orissa, Koraput, Odisha
7. **Presented a paper** in International Conference on “Anthropogenic impact on Environment and Conservation Strategies” on 2<sup>nd</sup>-4<sup>th</sup> November 2012 entitled “Diversity of Zooplanktons in the hot spring of Atri, Khurda, Odisha” at Ranchi University, Ranchi
8. **Presented a paper** in National Seminar on “Plants and Stress management” on 29<sup>th</sup> February 2012 entitled “Effect of Abiotic stresses on Phytoplanktons in Atri, Khurda, Odisha” at Utkal University, Bhubaneswar
9. **Presented a paper** in International Conference on “Bioremediation and Environmental Management and Polar Science and Technology” on 28<sup>th</sup> - 29<sup>th</sup> December 2011 entitled “Studies on diversity of plants around hot water spring of Atri, Odisha” at Presidency College, Bangalore

#### **Participated in short term training/workshop/orientation and Refresher course**

1. Orientation seminar on “Biotechnology- A New Frontier of Life Sciences” on Dt. 25 .02. 06 at Trident Institute of Technology, Bhubaneswar
2. Training and Orientation Programme as N.S.S. Officer from 28.1.98 to 6.2.98 from Govt. of India, Dept. of Youth Affairs and Sports, OUAT, Bhubaneswar
3. Training and Orientation Programme as N.S.S. Officer from 13. 1.99 to 17. 1. 99 from Govt. of India, Dept. of Youth Affairs and Sports, OUAT, Bhubaneswar
4. UGC sponsored short term course on “Solid Waste Management” at Sambalpur University from 4<sup>th</sup> - 6<sup>th</sup> November 2013

5. UGC sponsored skill based workshop on “Current Advances in Microscope to Molecules” at P.G. Dept. of Botany, Utkal University on 17<sup>th</sup> - 18<sup>th</sup> November 2015
6. Refresher Course in Life Science on Trends in Life Science at academic Staff College, Utkal University, Bhubaneswar from 21<sup>st</sup> November 2015 to 11<sup>th</sup> December 2015

## **Publications:**

### **Published in Proceedings**

1. **Dash, A.;** Palita, S. K.; Dhal, N. K.; Panda, S. S.; Srichandan, S. and Patra, H. K. (2011) Phytoplanktons and zooplanktons in Hot water Spring of Atri, Odisha – A Preliminary Report. *Biotechnology and Stress Management*, H.K Patra Eds., pp. 41-46.
2. **Dash, A.;** Panda, S. S.; Palita, S. K.; Patra, H. K. and Dhal, N. K. (2012) Effect of abiotic stresses on phytoplankton diversity in Hot Sulphur Spring, Atri, Odisha. *Plants and Stress Management*, H.K. Patra Eds., pp.47-55.
3. **Dash, A.;** Palita, S. K. and Patra, H. K. (2012) Diversity Indices and its application in Bioscience Researches. *Discrete Mathematics and its Application*, A. Pandab Eds., pp.133-139.
4. **Dash, A.;** Panda, S. S.; Palita, S. K.; Dhal, N. K. and Patra, H. K. (2012) Plankton diversity in relation to Physico-chemical parameters in Hot spring Atri, Odisha. *Conservation of Wetlands and its Biodiversity in India with special Reference to Orissa*, S. K. Palita Eds., pp. 64-70.
5. **Dash, A.;** Patra, H. K. and Palita, S. K. (2008) Phytosociological aspects of natural vegetation around hot spring and adjoining region of Atri, Khurda, Orissa. *Abiotic Stress on Plants*. H. K. Patra Eds., pp. 94-100.

### **Published in Journals**

1. **Dash, A.;** Panda, S. S.; Palita, S. K.; Dhal, N. K. and Patra, H. K. (2012) Spatial and Temporal variation of Phytoplankton in hot spring of Atri, Odisha, India. *Current Botany*, 3 (5): 35-40, ISSN: 2220-4822.
2. **Dash, A.;** Palita, S. K. and Patra, H. K. (2012) Diversity of Zooplanktons in Hot Water Spring of Atri, Odisha, India. *Int. J. Envi Sci. & Tech.*, 1 (2): 111-116, ISSN: 2778- 0785.

3. **Dash, A.;** Palita, S. K. and Patra, H. K. (2013) Physico-Chemical Analysis of Thermal Spring of Atri in the District of Khurda, Odisha, India. *Int. Journ. of Chem. Sci and Applications*, 4(2): 97-104, ISSN: 2278-6015.
4. **Panda, S. S.;** Dhal, N. K, Dash, A. and Panda, S.C. (2014) Floristic Diversity of Khandapara forest ranges of Nayagarh District, Odisha, India. *Int. Journ. of Plant Sciences*, 3 (1): 01-10, ISSN: 2319-3824.