Folio : D 02966

BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **NIRJHARINI TRIPATHY** has qualified for

the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in

ENGLISH on **22/06/2018** after having

completed the requirements prescribed for the award of the Degree.

Coimbatore
641 046

Coimbatore - 641 046

Date : 2 4 JUL 2018

Controller of Examinations i/c

பாரதியார் பல்கலைக் கழகம்
Bharathiar University

கலையியல் புலம்
FACULTY OF ARTS

பாரதியார் பல்கலைக் கழகத்தால்   முறையாக   அமைக்கப்பட்ட   தேர்வாளர்   குழு,
நிர்ஜாரினி திருபதி,   **2018**ஆம் ஆண்டு, சூன் **22** ஆம்   நாளில்   **ஆங்கிலம்**
என்னும் பிரிவில் **ஆய்வியல் அறிஞர்** என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The   Syndicate   of   the   Bharathiar   University   hereby   makes   known   that   **NIRJHARINI TRIPATHY**
has   been   admitted   to   the   Degree   of   **DOCTOR OF PHILOSOPHY**   *in*   **ENGLISH,**
having   been   certified   by   duly   appointed   Examiners   to   be   qualified   to   receive   the   same   on   **22nd JUNE 2018.**

Given under the Seal of the University.

கோயம்புத்தூர்
Coimbatore
ஆ02241
நாள்

Dated:**26th February 2019**

தேர்வாணையர்(பொ)
Controller of Examinations i/c

பதிவாளர்(பொ)
Registrar(i/c)

துணை வேந்தருக்காக
for Vice-Chancellor

UTKAL UNIVERSITY

PROVISIONAL

UTKAL UNIVERSITY
VANI VIHAR, BHUBANESWAR

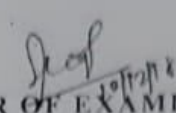Notification No. EC- VI /2356-Comp. Sc. / **1736** /2018, Date: **11/12/2018**

THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Ajay Kumar Mishra is declared to have qualified for the award of the Ph.D. Degree in Computer Science. The title of the thesis "**PARTICLE SWARM OPTIMIZATION – A MICRO ARRAY DATA ANALYZER**".

REGISTRATION NUMBER: 13-Computer Science- 2008-09.

University Office
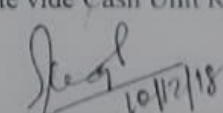Vani Vihar
Bhubaneswar-751004

CONTROLLER OF EXAMINATIONS

Memo No. EC- VI /2356-Comp. Sc. / **1737 (12)** /2018, Date: **11/12/2018**

Copy forwarded to:

1. Ajay Kumar Mishra, Dept.of Computer Science & Applications,Prananath College (Autonomous), Khordha, Pin-752057.
2. Dr. Bikram Kesari Ratha, Dept. of Computer Science & Application, Utkal University, Vani Vihar,Bhubaneswar-751004 (Guide and Chairman, Board of Examiners).
3. Dr. Vinod Sharma, Prof. & Head, Dept. of Computer Science & IT, University of Jammu, Jammu (J & K), Jammu -180006. (Examiner).
4. Prof. Sripati Mukhopadhyay, 27/1, D.N.Chatterjee Road, (Kalakarpara), 2nd Floor, Flat No. B/3,Kolkata-700035 (W.B.) (Examiner).
5. H.O.D. P.G. Dept. of Computer Science, Utkal University.
6. The Commissioner-Cum-Secretary, Govt. of Odisha, Commerce & Transport (Commerce) Dept. Bhubaneswar.
7. The Director of Printing, Publication, Stationeries, Odisha Govt. Press, Cuttack for favour of publication in the next issue of the Odisha Gazette.
8. The Secretary, Association of Indian Universities, Rouse Avenue, New Delhi,
9. The Editor, University News Assoc. of Indian Universities, 16 Kotla Marg, New Delhi.
10. Dr.Youd Vir Singh, Library and Documentation Division, Association of Indian Universities, AIU House, 16 Comrade Indrajit Gupta (Kotla) Marg, New Delhi-110002
11. The Director, Higher Education, Odisha, Bhubaneswar for information.
12. The S.O. Ex. I, IV, VII and Public Compliance Units for information and necessary action. The candidate has paid Rs.500/- towards Original Certificate vide Cash Unit Receipt No.145032, Dated 28.06.2017.

CONTROLLER OF EXAMINATIONS