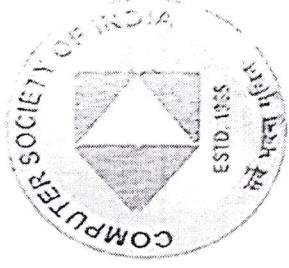
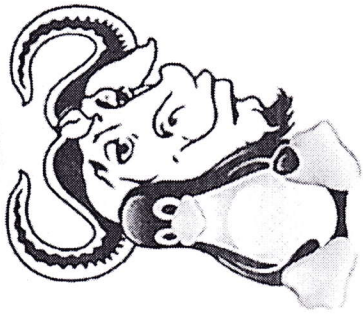


# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI

(A Government Aided ISO 9001:2008 Certified Autonomous Institution Affiliated to Anna University)



TEQIP III Sponsored One Week Faculty Development Programme  
on Free/Open Source Software for AI and Machine Learning

## Certificate of Merit

This is to certify that ~~Mr/Ms~~/Dr. N. SHIVAKUMAR

of THIAGARAJAR COLLEGE OF ENGINEERING has participated in the One Week Faculty Development Programme on Free/Open Source Software for AI and Machine Learning organised by Department of Computer Science and Engineering from 01.10.2018 to 06.10.2018.

*km*  
Co-ordinator

*SN. SKL*  
HOD

*V. S. S. S.*  
Principal


गुण अभिवृद्धि कार्यक्रम केन्द्र  
QUALITY IMPROVEMENT PROGRAMME CENTRE




भारतीय प्रौद्योगिकी संस्थान रुड़की  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
ROORKEE (UTTARAKHAND)

QIP/2018-19/15/385

This is to certify that..... N. Shivakumar ..... participated in  
AICTE sponsored QIP short term course on..... "Machine Learning and Its  
Applications" .....  
held from..... 09.07.2018 ..... to ..... 13.07.2018 (One Week) .....  
organized by Department of ..... Computer Science and Engineering .....


(Dr. Partha Pratim Roy) (Dr. R. Balasubramanian)  
Course Coordinator(s)

  
(Dr. Bhupendra K. Gandhi)  
Professor & Coordinator  
Quality Improvement Programme Centre



# THIAGARAJAR COLLEGE OF ENGINEERING

(A Govt. Aided Autonomous Institution Affiliated to Anna University)

Madurai - 625 015.

61

1977-2018  
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## COUNSELING CELL

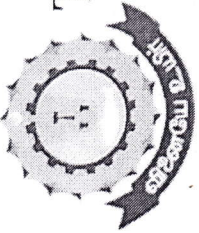
710

### CERTIFICATE

This is to certify that Mr./Ms./Dr. ✓ N. Shivakumar, Assistant Professor.....  
of Department of Computer Science & Engineering has participated a one day workshop  
on "Mentoring Skills" organized by Thiagarajar College of Engineering, in association with M.S.Chellamuthu  
Institute of Mental Health and Rehabilitation (MSCIMHR), Madurai on 01.11.2018.....

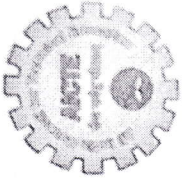
  
Prof. G. Gurubharathy  
Principal  
MSCIMHR, Madurai

  
Dr. V. Abhaikumar  
Principal



# THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Government Aided Autonomous Institution Affiliated to Anna University)



## AICTE – QIP Sponsored One Week Short Term Course on Deep Learning for Visual Computing

### CERTIFICATE

This is to certify that ~~Mr/Ms~~/Dr. N. SHIVAKUMAR

of Thiagarajar College of Engineering, Madurai.

has participated in the one week Short Term Course on Deep Learning for Visual Computing organised by

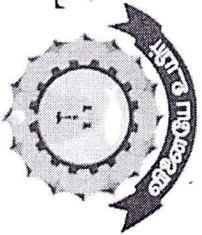
Department of Computer Science and Engineering from 28.01.2019 to 03.02.2019.

  
Co-ordinators

  
HOD-CSE

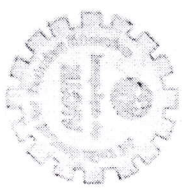


Principal



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**

(A Government Aided Autonomous Institution Affiliated to Anna University)




**AICTE – QIP Sponsored Short Term Course on  
High Performance Computing for Science and Engineering**

**CERTIFICATE**


This is to certify that Mr/Ms/Dr. N. SHIVAKUMAR

of Dept. of COMPUTER SCIENCE AND ENGINEERING, TCE

has participated in the Short Term Course on High Performance Computing for Science and Engineering organised by Department of Computer Science and Engineering from 04.02.2019 to 10.02.2019.

  
N. Shivakumar  
Co-ordinators

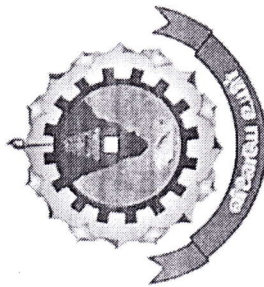
  
S. S. S. S.  
HOD-CSE

  
Principal

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-625015

(A GOVT. AIDED, AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

DEPARTMENT OF INFORMATION TECHNOLOGY  
&  
DEPARTMENT OF COMPUTER APPLICATIONS



TEQIP Sponsored

Two Day Workshop on

“RECENT TRENDS AND RESEARCH CHALLENGES  
IN DEEP LEARNING”

TEQIP

## CERTIFICATE

This is to certify that Mr./Ms./Dr. N. SHIVAKUMAR, AP /CSE of

THIAGARAJAR COLLEGE OF ENGINEERING has Participated in

Two day workshop on “RECENT TRENDS AND RESEARCH CHALLENGES IN DEEP LEARNING”

held on 30 -31 August 2018.

*Sh.*  
COORDINATOR

*Parthasarathy*  
CONVENOR

*V. Srinivasan*  
PRINCIPAL