Internship
on
Natural Language Processing with Deep Learning using Python

(Under the VRITIKA Scheme - A SERB initiative)

From 01 July 2022 - 31 July 2022

Funded By
**Science and Engineering Research Board (SERB),
Department of Science and Technology, Government of India**

Under Accelerate Vigyan Scheme

Maximum No. of Interns : 05

Organized by
**Department of Computer Science and Application
Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh**

INTERNSHIP DETAILS

About the Department

The Department of Computer Science and Application was established in the year 2013, with the objective of imparting quality education in the field of Computer Science. The Department is committed to produce high quality, skilled IT professionals to fulfill the needs of the IT industry. The Department has well qualified, experienced, active and dedicated faculty members who are actively involved in teaching as well as in research.

Objective of the Workshop

Natural language processing (NLP) is an artificial intelligence discipline that helps computers to comprehend, interpret, and manipulate human language. NLP draws on a variety of sciences, including computer science and computational linguistics, in order to bridge the gap between human communication and machine comprehension. Natural language processing can be used in a variety of areas like machine translation, language modeling, image captioning, text summarization, text paraphrasing, auto-correct, auto-complete, voice assistant, chatbots, etc. Deep Learning models can also understand the meaning of the text. This internship program will provide the opportunity for the interested students to work in this research based area. This internship will also help the students to get practical aspects of NLP techniques.

Who Can Attend

Interested PG students or Ph.D. Students having first class in computer Science are eligible to apply.
Priority Will Be Given To Students Having Good Knowledge Of Programming.

There is no registration fees

Terms and Condition

- The supervisor to whom the interns are assigned would be assigning them tasks/ assignments as per the research modules designed.
- The intern should work accordingly and prepare a work report to be submitted after completion of the internship.
- Interns not completing the work within the requisite period will not be issued any certificate.
- The IPR of the research work will be reserved by the institute which cannot be used by the intern without permission of the concerned authority.
- The intern should be abide by the rules and regulations of the institution and laboratory protocols.

Nature of Support

- Registration is Free
- The internship will be given for meeting daily necessary expenses such as stationery, consumables, accommodation, food, etc.
- The participating students will also be eligible for TA reimbursement for their journey to the host institute from their hometown/home institute, both ways, as per GoI norms.
- No stipend will be provided for the internship.
- Certificate will be provided to the interns after the successful completion of the internship tenure and Submission of work report.

Important Dates

Registration Opens
15 June 2022
Last Date for Application
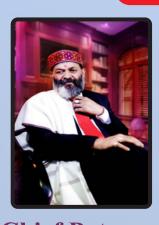27 June 2022
Display of short-listed candidates
28 June 2022
Candidates will be short-listed on the basis on their Academic Performance and Programming Skill

Registration Link
https://forms.gle/X5icYBYsMFtpwCM99

Organizing Committee

Chief Patron
Prof. A.D.N. Bajpai

Hon'ble Vice - Chancellor
Atal Bihari Vajpayee Vishwavidyalaya,
Bilaspur (C.G.)

Patron
Dr. Sudhir Sharma

Registrar
Atal Bihari Vajpayee Vishwavidyalaya,
Bilaspur (C.G.)

Prof. H.S. Hota

HOD Dept. of Computer Science
& Application
Atal Bihari Vajpayee Vishwavidyalaya,
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Govt. E.R.R. P.G. Science College
Bilaspur Chhattisgarh

Mrs. Anamika Shukla Sharma
Assistant Professor
Govt. E.R.R. P.G. Science College
Bilaspur Chhattisgarh

Endorsement cum No Objection Certificate from the Head of the Department/ Thesis Supervisor
(To be given on University/ Institute/ College Letter head)

This is to certify that:

1. Mr. / Ms. / Mrs. _____, is a bonafide student of our University / Institute / College and will assume full responsibility for actively participating in the Internship titled "**Natural Language processing using deep learning with python"** organized by Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh and sponsored by SERB-DST under the Accelerate Vigyan Scheme, scheduled from 1st July-31st July 2022.

2. The Applicant is a Full-time / part-time student of our University/ Institute/ College and enrolled in M.Tech/M.Sc./MCA/PhD Programme in_____ Department.

3. The candidate has secured _____ % / CGPA / CPI till date (if applicable).

4. The University / Institute / College also endorse the conduct of the applicant to be of highest order who bears a good moral character.

5. The University / Institute / College have "No-Objection" for the candidate participation during the above said period.

6. The candidate, if selected for participation, shall be duly permitted to attend the Internship in **Physical mode**.

Signature and Seal with name
(Head of the Department/ Thesis Supervisor)

Date:
Place:

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Undertaken to be submitted by Student

1. I hereby provide my consent to participate in the Internship titled "**Natural Language processing using deep learning with python"** organized by Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh and sponsored by SERB-DST under the Accelerate Vigyan Scheme, scheduled from 1 July- 31 July 2022.

2. I will participate in the intership whole-heartedly and sincerely with utmost dedication.

3. I shall also be responsible for lab instruments and Lab devices.

4. I am aware that it is mandatory to present daily in the university during internship.

5. I understand that the videos and lecture material supplied during this workshop are only for educational/academic purpose.

6. Any Proxy participation in the sessions/exam shall invite immediate cancellation of his/her candidature and same shall be reported to parent institution.

7. I agree to abide by any other terms and conditions of Organizing Institute and DST-SERB.

Name of the Applicant :

Gender & Age :

Programme (Ph.D. /M Tech) :

Institution/University :

Date :

Place :

Signature of the Applicant :