

Tirth Prakash Bal

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ACADEMIC DETAILS

Examination	University/Board	College/School	Year	CPI/CGPA
BTECH(CSE)	SMVDU,Katra	SMVDU Katra	2015	7.82*
Intermediate/+2	CBSE	GBSSS Mohan Garden	2012	92.2
Matriculation	CBSE	NMB Najafgarh	2010	9.6*

*:Out of 10 scale

FIELDS OF INTEREST

- Design and Analysis of Algorithm and Data Structure
- Open Source (Gnome, Linux Kernal)
- Web Application Development
- Competitive Programming

TECHNICAL SKILLS

- **Languages** (C, C++ , Java, HTML/CSS, Javascript).
- **Database** (MySQL)
- **Script** (Python, Shell).
- **Tools** (\LaTeX , Codeblocks,Git,NetBeans,Visual Studio,Sublime Text,Brackets).
- **Frameworks** (BootStrap, Foundation, JQuery).
- **Operating Systems** (Arch Linux, Ubuntu Linux, Microsoft Windows).

MAJOR PROJECTS AND SEMINAR

- **Probinux** (7th sem Project)
(Project Supervisor:Mr Sudesh Badu , Aug-15 - till date)
 - Objective :This project was build by using Python,C and Bash with AES encryption. The probinux give the user information about all the suspicious processes which cause high CPU usage.

- **Hostel Management System** (5th sem Project)
(Project Supervisor: Mr Anuj Mahajan , Aug-14 - Nov-14)

- Objective : This project was build with Java and using JDBC.

- **Software Freedom Day website** (5th sem Project)
(Project Supervisor: Mr Anuj Mahajan , Aug14 - Oct'14)

- This website is prepared to create awareness among the student for software freedom day celebration and open source.
- It was developed using Bower and Grunt that uses the AngularJS framework and Bootstrap Framework

- **Titiksha 2K15 website** (B.E. Project)
(Project Supervisor: Dr. Rakesh Jha)

- This website was made by using HTML-5, CSS-3, JQuery/JavaScript and backend of the site was designed in php and ajax.

- **ICRTAET'15 website** (B.E. Project)
(Guide: Dr. Rakesh Jha)

- This was a informational webpage created completely using bootstrap.

COURSE PROJECTS (Individual Projects)

- **Search Engine** (ASP.Net)
(Guide: Dr Naveen Gondhi , Jan15 - till date)

- This window application is developed by using Vb.NET . Its work is to search file in the different directories.

- **Workshop** (Indian Constitution)
(Guide: Dr V.K Tripathi, Dr Anil.K Tewari, Jan'15-Jan'15)

- Objective: To learn various fundamental rights and various articles in Indian Constitution.

Online and Other Certifications

- "Introduction to Computer Science by using Python" - edx.org
- "Introduction to Linux" - Linux Foundation

- "Design and Analysis of Algorithms-I" - Courseera.org
- "Linux System Administration " - CMS

ACHIEVEMENT/Co-Curricular Activites

- Ranked among top 3000 on codechef worldwide
- Coordinator in Software Freedom Day 2015 SMVDU .
- Organised a Python Quiz and coding contest in Titiksha 2015.
- Participated in IntraUniversity VolleyBall Tournament.
- Participated in IntraUniversity Cricket Tournament.

Personal Data

- Place and Date of Birth : New Delhi,India | 10 April 1995
- Address : A 62 , Jai Vihar Najafgarh New Delhi , India

STRENGTHS

- Confident, Optimistic, Smart Learner , Good Communication Skill
- All-round Sportsman

INTEREST AND HOBBIES

- Competitive Programming
- Playing with the linux and gnome code.
- Playing Chess, Cricket, Volleyball, .
- Loves reading inspiration books/novels.
- Solving Puzzles.

References

Dr. Ajay Kaul

Shri Mata Vaishno Devi University
Jammu & Kashmir, India
☎ 01991-285524
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Dr. Sunanda Gupta

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Declaration: I hereby declare that all the details furnished above are true to the best of knowledge and belief.

Date : 14/08/2015

Place : SMVDU, Katra, J&K