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| **PTU CSE SYLLABUS GUIDE** |
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| ***A major project submitted***  ***for the award of the degree of***  ***BACHELORS OF TECHNOLOGY***  ***in***  ***COMPUTER SCIENCE AND ENGINEERING*** |
|  |
| ***By*** |
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| ***under the guidance of*** |
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| **C:\Users\hp\Desktop\gnelogo.jpg**  **Department of Computer Science and Engineering**  **Guru Nanak Dev Engineering College, Ludhiana – 141006, INDIA**  **Certificate**  We hereby certify that the project PTU CSE SYLLABUS GUIDE by Baljeet Singh University Roll No. 1183691, Jaswant Singh University Roll No. 1183706 in partial fulfillment of requirements for the award of degree of B.Tech. (Computer Science and Engineering) submitted in the Department of Computer Science and Engineering at GURU NANAK DEV ENGINEERING COLLEGE, is an authentic record of our own work carried out under the supervision of ” **Mr. Amanpreet Singh Brar**.”  **(Baljeet Singh) (Jaswant Singh)**  Roll No. 105149 Roll No. 105147  Univ. Reg. No. 1183691 Univ. Reg. No. 1183706    This is to certify that the statements made above by the candidate are correct and true to the best of my knowledge.  **(Mr. Amanpreet Singh Brar)**  HOD and Associate Professor  Computer Science and Engineering Department  Guru Nanak Dev Engineering College  Ludhiana.141006  **Acknowledgement**  “Outstanding achievements are not possible in vacuums. It needs a lot of help and assistance beside a healthy environment, luckily we have.”  Nothing concrete can be achieved without an optimal combination of inspiration and perspiration. No work can be accomplished without taking the guidance of the experts. It is only the views and advice from ingenious intellectual that help in the transformation of a product into a quality product.  We would like to express a deep sense of gratitude and thanks profusely to **Mr. Amanpreet Singh**. Without the wise counsel and able guidance, it would have been impossible to complete the report in this manner. The ever helping nature and limitless patience were constant source of inspiration during the work. Making this project has also helped me in doing a lot of Research work and I came to know about so many new things.  Baljeet Singh (1183691)  Jaswant Singh (1183706) |

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