



20th -22nd February, 2014

Sushma Rachana Problem Statement

Prepare a software package to furnish the outstanding college and hostel dues of the students which can be communicated to their parents for submission of the fees in the stipulated time. While preparing the software the following points should be taken into consideration:

1. The software solution can be coded using any technology/programming language/framework
2. The solution must be a desktop run application/software
3. The user will input only the 'Registration No.' of the student and rest of the data will be brought down from the database
4. The final letter format must be made as shown on the next page in the image* attached
5. College Dues, Arrear College dues and University Registration fees should be added and reflected in the Sub Total (A) column
6. Like College dues the Hostel dues and Arrear mess dues should be added and reflected in the Sub Total (B) column
7. Sub total (A) and Sub total (B) should be added and reflected in the in the Grand Total (A +B) column.
8. There should be the option for the user to fix the schedule of payment and late fees
9. In "first blank of the paragraph shown in the image" the father's name of the student will be reflected.
10. In "second blank of the paragraph shown in the image" the Grand Total column amount will be reflected.

11. The Grand Total amount reflected in figures, should also be reflected in words in the “third blank of the paragraph shown in the image”
12. In the “fourth blank of the paragraph shown in the image” name of the student will be reflected
13. In the “fifth blank of the paragraph shown in the image” the Registration Number of the student will be reflected
14. In the “sixth blank of the paragraph shown in the image” the year of the student will be reflected
15. In the “second blank of the paragraph shown in the image” the Branch of the student will be reflected
16. Every field/attribute/row data/text information shown in the image, should have a scope for future modification in case need arises
17. Software’s ease of use, solving the problem statement’s criteria optimally, creativity, lines of code, scalability, platform, architecture used, development model, etc. will all be looked upon during judging.

AJAY BINAY INSTITUTE OF TECHNOLOGY

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SECTOR-1, CDA, CUTTACK-14

Approved by AICTE, New Delhi & Affiliated to Biju Patnaik University of Technology

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To

Mrs. / Mr.....

Sub. : Payment of college/hostel dues for the session 2013-2014.

Sir / Madam,

You are requested to deposit ₹..... (Rupees)
only towards the College and Hostel fees of your ward Ms/Mr.....
bearing Regn. No..... of Yr..... Branch for the
session 2013-2014 by 31.07.13 through challan (available at Account Section) in UNION BANK OF
INDIA located at college campus in the form of CASH / DEMAND DRAFT drawn in favour of "Director,
ABIT-PMCA, CUTTACK" payable at Cuttack on any Nationalised Bank. Please note that delayed payment
will attract late fees.

DETAILS OF DUES TO BE PAID

College		Hostel (B)	
College Dues	₹ 60,500/-	Hostel Dues #	₹ 36,300/-
Arrear College Dues	₹		
University Regn. Fee (Both Semesters)	₹ 3,000/-	Arrear Mess Dues *	₹
Sub Total (A)	₹	Sub Total (B)	₹
Grand Total (A) + (B)	₹		

SCHEDULE OF PAYMENT

1. Upto 31.07.13
2. From 01.08.13 to 31.08.13
3. From 01.09.13 to 30.09.13
4. From 01.10.13 to 31.10.13

LATE FEES

- Nil
- ₹ 500/-
- ₹ 1000/-
- ₹ 2000/-

This comprises of Seat Rent, Advance Mess dues (@ ₹ 66 per day of 10 months) and an Advance of ₹ 1500/- towards establishment for 10 months.

Calculation for Electricity will be as per actual consumption.

In case the combined semester duration exceeds 10 months in the academic calendar, the mess dues and establishment charges will change proportionately.

* Projected calculation upto 10th June 2013. Any overstay due to change in semester examination schedule or because of back papers may result in a change in the arrear mess dues.

Yours' faithfully

PRINCIPAL
A.B.I.T., Cuttack