Application form (Guidelines) for approval of Ph.D/M.Phil/M.Sc.Engg./M.Engg. Thesis/project proposal by the CASR. All items applicable to the following list must be mentioned and filled in correctly. **Please submit twenty-two (22) hard copies** [One original and the other nineteen (21) photocopies in the **entire script plain paper**] and also submit a scanned copy of the proposal.

**Date**: …………….

**1. Name of the student**: ……………. …………….……… **Status:** Full-Time/Part-Time

(Block Letters)

**Roll No**.: ……………. **Session:** …………………….

**2. Present Address:** ……………………………….

**3. Present Designation & Organization:** ………………………….

**4. Name of the Department:** ………………………… **Programme**: …………………………...

**5. Name of the Supervisor:** …………………………………. **Designation**: ………………….

**6. Name of the Co-Supervisor (if any):** …………………………. **Designation**: ……………………

**7. Date of First Enrolment in the Programme:** …………………….

**8. Tentative Title (**Block Letters, Times New Roman, Font size 11 points, Not more than 25 words**):** …………………………………………………………………………………………………

**9. Background and present state of the problem**

*(Not more than 250 words. Please mention only those activities carried out in different places as reported in publications. Please support your information by citing the relevant references.)*

This template, modified in MS Word 2007 and saved as a “Word 97-2003 Document” for the PC, provides authors with the formatting specifications needed for preparing electronic versions of their proposals [1]. All standard proposal components have been specified for three reasons: (1) ease of use when formatting individual proposals and (2) conformity of style throughout conference proceedings. *Start the Introduction and use font size 11 and Times New Roman. The line spacing should be 1.3 Lines*. Paper size (A4), margins, line spacing, and type styles are built-in; examples of the type styles are provided throughout this document [2, 3]. As usual, rules for some components, such as multi-leveled equations, Figures/graphics, and tables, are prescribed, although the various table text styles are provided. The formatter must create these components, incorporating the applicable criteria that follow [2-4].

The citation numbers in the template will be included consecutively within brackets [1]. The sentence punctuation follows the bracket [2]. Refer simply to the reference number, as in [3]—do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] was the first.

The following paragraph starts here, and the line indentation for each section is ‘First Line with 0.3 inch’. First, confirm that you have the correct template for your paper size. This template has been tailored for output on the A4 paper size. The template is used to format your paper and style the text. All margins, column widths, line spaces, and text fonts are prescribed; please do not alter them. Before formatting your paper, write and save the content as a separate text file. Keep your text and graphic files separate until the text has been formatted and styled. Do not use hard tabs, and limit complex returns to only one at the end of a paragraph. Do not add any pagination anywhere in the paper. Do not number the text heads; the template will do that for you.

**10. Justification of the study**

*(Not more than 150 words. Please justify research/study based on the present state of the problem and works that have been carried out in different places as reported in publications. Please support your information by citing the relevant references.)*

Header: For example, “1. Introduction” should be in Times 11-point boldface, initially capitalized, flush left, with one blank line before and one after.

**10.1. Sub-header (Second-Order Header)**

In this heading, they should be Times 11-point boldface, initially capitalized, flush left, with one blank line before and after.

***10.1.1. Sub-Sub-Header (Third-Order Header)***

Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use 11-point Times, boldface, italic, initially capitalized, flush left, preceded by one blank line, followed by a period, and your text on the same line.

**11. Objectives with specific aims**

*(Please list the objectives(s) using short sentences. If you are writing one or two paragraphs describing the objectives, please limit yourself to 150 words.)*

Your proposed work should follow the objectives in a bullet or point manner, which should meet the following objective template using 2 or 3 specific objectives (maximum 3):

1. The word “data” is plural, not singular.
2. The subscript for the permeability of vacuum β and other common scientific constants is zero with subscript formatting, not a lowercase letter “o.”

**12. Outline of Methodology/ Experimental Design**

*(Outline the approach and the sequence of activities in not more than 500 words to describe how the work will be carried out)* ***Figure/Table will be considered as 100 words.)***

### They are positioning Tables as per the requirement in the proposal. Large tables may span vertically or horizontally. Table heads should appear above the tables. Insert tables after/around they are cited in the text. Use the addressing the table as Table 1 within a text. **Please don’t use I and we.**

Table 1: Table Styles

| Table Head | Table Column Head | | | |
| --- | --- | --- | --- | --- |
| Table column subhead | Subhead | Subhead |
| copy | More table copy |  |  | |

Sample of a Table footnote.

Insert/place figures after/around they are cited in the text. Use the following template for adding Figures and Use the abbreviation “Fig. 1,” even at the beginning of a sentence. Place a Figure as a ‘center alignment,’ use 6 Points before and after the Figure, and use 1.3 Lines. Use the Heading of the Figure similar to the given template and use a 6-point gap for the Figure heading.



**Fig. 1:** Example of figure caption using center alignment.

**13. Expected outcomes**

*(Please list the possible outcomes using short sentences. If you are writing one or two paragraphs describing the expected outcomes, please limit yourself to 150 words)*

The expected outcome(s) of the proposed work should follow the bullet or point manner, which should meet the following outcome template using 2 or 3 specific outcomes (maximum 4):

1. Selection (Heading 4): Highlight all author and affiliation lines.
2. Change the number of columns: Select the Columns icon from the MS Word Standard toolbar and select “1 Column” from the selection palette.
3. Deletion: Delete the author and affiliation lines for the second affiliation.
4. Don’t write about the information of publications.

**14. References**

*(All the references should be cited inside the texts, and a maximum of 10 references should be used. While giving the references, you must mention the author, title of the paper, and name of the journal /proceeding. Vol. no., Year of publication, etc., in the standard style given below)*

[1] R. S. Muller and T. I. Kamins, *Devices Electronics for Integrated Circuits*, John Wiley, New York, 1986. (*for a book*)

[2] J. C. Kieffer, W. Szpankowski and E. H. Yang, "Problems on Sequences: Information Theory and Computer Science Interface," *Journal of Power Sources*, vol. 50, no. 7, pp. 1385-1392, July 2004. (*for the journal*)

[3] P. Anandhakumar, "Research challenges in multimedia & cloud computing," *Sixth International Conference on Advanced Computing (ICoAC)*, pp. 1-6, Chennai, India, 2014. (*for the conference*)

[4] R. E. Sorace, V. S. Reinhardt, and S. A. Vaughn, “High-speed digital-to-RF converter,” U.S. Patent 5 668 842, Sept. 16, 1997. (*for patent*)

[5] M. Shell. (2002) Scopus homepage [Online]. Available: https://www.scopus.com/home.uri [Last visited on: xx Mar., 20xx]. (*for web pages*)

[6] A. Quraisi, “Performance of TCP congestion control with rate feedback: TCP/ABR and rate-adaptive TCP/IP,” M. Sc. Engg. thesis, Rajshahi University of Engineering & Technology (RUET), Rajshahi, Bangladesh, Jan. 2010. (*for thesis*)

[7] J. Padhye, V. Firoiu, and D. Towsley, “A stochastic model of TCP Reno congestion avoidance and control,” Univ. of Massachusetts, Amherst, MA, CMPSCI Tech. Rep. 99-02, 1999. (*for technical report*)

[8] Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specification, IEEE Std. 802.11, 1997. (*for standards*)

**15. List of courses taken (Completed/registered) so far** *(To be verified and signed by the Course Advisor, and a Photocopy of Grade Sheets should be provided)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Course No. | Course Name | Grade | Credit | Grade point. | G. P. A |
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|  | | | **Total** |  |  |

**Signature of the Course Advisor:** …………………………………

**16. Cost Estimate: (Invoice / Quotation must be provided for each item which costs Tk. 5,000/- and more)**

(a) Cost of Material Tk. ………………………

(b) Fieldworks (if applicable) Tk. ……………………….

(c) Conveyance/ Data Collection (With Breakup) Tk. ……………………….

(d) Drafting, Binding & Paper, etc. (Max. 3000/-) Tk. ………………….……

(e) Miscellaneous Tk. ………………………..

Total: Tk. ……………………….

**(Break-ups may be provided in a separate sheet if necessary)**

**17. Justification of having Co-Supervisor:**

Co-supervisor is not encouraged in a master's level thesis unless there is an absolute necessity. At the Ph.D. level, Co-supervisor(s) are acceptable if required. In both cases, it is necessary to justify to the supervisor that the work requires considerable knowledge of a discipline other than his field.

**---------------------------------------- For Office Use Only ----------------------------------------------**

**18. Doctoral Committee/PGAC reference:**

**Meeting no.:** ……………….. **Resolution No.:** …………………… **Date:** ……………………………

**19. Appointment of Supervisor & Co-Supervisor Approved by the CASR Meeting No. (For Ph. D):-**

**Resolution No.:**……………………. **Date:**……………………………

**20. Appointment of Doctoral Committee Approved by the CASR Meeting No. (For Ph. D)**:……

**Resolution No.:** …………………………. **Date:** ……………………..

**21. Result of the comprehensive examination for Ph. D (Photocopy of the result should be enclosed)**

**Date:** ………………………… **Satisfactory/Unsatisfactory.**

**22. Number of Post-Graduate Student(s) working with the Supervisor at Present:**

|  |  |  |
| --- | --- | --- |
| --------------------------------  **Signature of the Student**  ------------------------------------  **Signature of the Supervisor**  -----------------------------------------  **Signature of the Co-Supervisor**  ---------------------------------------------------  **Signature of the Head of the Department** | **Names and signatures of the members of the Doctoral Committee (if applicable)** | |
| 1. |  |
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