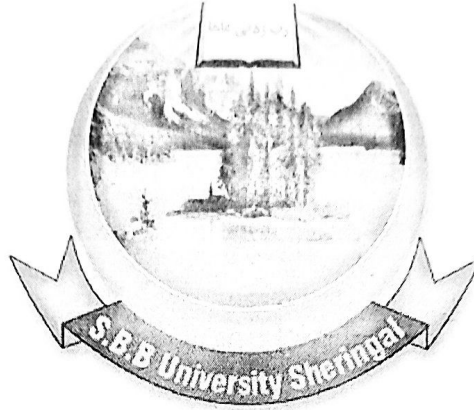


SHAHEED BENAZIR BHUTTO UNIVERSITY
SHERINGAL DIR UPPER (KHYBER PAKHTUNKHWA)



MINUTES OF THE MEETING
OF The 11th ASRB

OF

Shaheed Benazir Bhutto University, Sheringal Dir Upper
(held in the University Guest House Sheringal)

DATE & TIME

16th AUGUST at 10 PM, 2021

SHAHEED BENAZIR BHUTTO UNIVERSITY

SHERINGAL DIR UPPER, KHYBER PAKHTUNKHWA, PAKISTAN

MINUTES OF THE 11TH MEETING OF THE ASRB

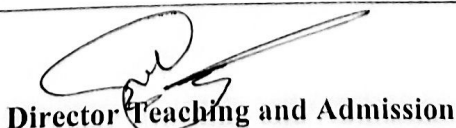
The 11th meeting of the Advance studies and Research Board of Shaheed Benazir Bhutto University, Sheringal was held in the committee room on 16.08.2021 at 10:00 Hours, under the chairmanship of Professor Dr. Farhat Ali Khan, Professor, Department of Pharmacy, Shaheed Benazir Bhutto University. The following attended the meeting.

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| 1. Prof. Dr. Farhat Ali Khan (Professor in Pharmacy) | In Chair |
| 2. Mr. Abid Sohail (Deputy Director, Directorate of Science and Techn.) | Member |
| 3. Dr. Shujaat Ahmad (Associate Professor in Pharmacy) | Member |
| 4. Dr. Saira Nayab (Assistant Professor in Chemistry) | Member |
| 5. Dr. Wajid Raza (Assistant Professor in Management Science) | Member |
| 6. Dr. Riaz Ahmad (Assistant Professor in Computer Science) | Member |
| 7. Dr. Farman Ali Khan (Add. Director ORIC) | Member |
| 8. Dr. Alamzeb (Director QEC) | Member |
| 9. Dr. Midrarullah (Director ASRB) | Member/Secretary |

The meeting started with the recitation of a few verses from the Holy Quran by Dr. Shujaat Ahmad (Associate Professor in Pharmacy). The Chair welcomed the participants and thanked them for their timely participation in the meeting. He asked the Director ASRB/Secretary to present the agenda before the Board. The Director ASRB accordingly presented the Agenda through Multimedia. Each item was discussed thoroughly and following decisions were agreed upon.

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| Item No. 1 | CONFIRMATION OF MINUTES OF THE 10TH ASRB MEETING |
| Decision: | Minutes of the 10 th meeting of the ASRB were confirmed by the Board |
| Item No. 2 | APPROVAL OF THE RECOMMENDATIONS OF GRADUATE STUDIES COMMITTEE OF MATHEMATICS DEPARTMENT |
| i | <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Ihsanullah, Department of Mathematics</i> |
| Decision: | The Board approved Research supervisor of the scholar as Dr. Latif Ahmad and the research title of the scholar as; "CASSON NANO-FLUID FLOW OVER CONVERGENT AND DIVERGENT CHANNELS WITH SLIP EFFECTS" |

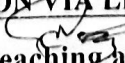

Director ASRB



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| | <p>The Board further approved the Synopsis of the Scholar subject to the following.</p> <ol style="list-style-type: none"> Turnitin Originality Report must be submitted. The title page of all sets of the Synopsis must be signed by all members of the GSC. The introduction section needs to be concised and relevant to the subject. Objective 3 should be rephrased. A comparative analysis of the research data and existing data may be included The time frame for completion of the study must be re-considered The references may be written uniformly and according to the approved format <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| <p>ii</p> | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Ishtiaq Ahmad, Department of Mathematics</i></p> |
| <p>Decision:</p> | <p>The Board approved Research supervisor of the scholar as Dr. Muhammad Iqbal and the research title of the scholar as</p> <p style="text-align: center;">“LIE POINT SYMMETRY ANALYSIS AND EXACT SOLUTIONS OF TIME FRACTIONAL DIFFUSION EQUATION AND TIME FRACTIONAL BURGER’S EQUATION”</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none"> Turnitin Originality Report must be submitted The scholar was unable to present/ defend his research proposal before the board. The objective should be rephrased The references may be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| <p>iii</p> | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Misbah ul Haq, Department of Mathematics</i></p> |
| <p>Decision:</p> | <p>The Board approved Research supervisor of the scholar as Dr. Muhammad Iqbal and the research title of the scholar as</p> <p style="text-align: center;">“EXACT SOLUTIONS OF THE TIME FRACTIONAL SAWADA-KOTERA-ITO EQUATION VIA LIE POINT SYMMETRY ANALYSIS”</p> |

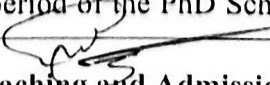

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| | <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none"> 1. Turnitin Originality Report must be submitted 2. The scholar was unable to present/ defend his research proposal before the board. 3. The objective should be rephrased 4. The references may be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| iv | <p>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Jehan Zeb, Department of Mathematics</p> |
| Decision: | <p>The Board approved Research supervisor of the scholar as Dr. Muhammad Iqbal and the research title of the scholar as;</p> <p style="text-align: center;">“LIE POINT SYMMETRY ANALYSIS AND EXACT SOLUTION OF THE FORNBERG WITHAM AND REACTION DIFFUSION EQUATIONS”</p> <p>The board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none"> a. Turnitin Originality Report must be submitted. b. The title page of all sets of the Synopsis must be signed by all members of the GSC. c. The introduction section needs to be concise and relevant to the subject. d. The plan of work should be rephrased according to the approved format e. The references may be updated and must be written uniformly and according to the approved format <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| Item No. 3 | PROMOTION CASE OF MPhil SCHOLARS OF BOTANY DEPARTMENT |
| Decision: | The Board discussed the agenda item and decided that the subject matter does not fall within the jurisdiction of the Board and may be placed before other relevant academic bodies. |
| Item No. 4 | EXTENSION IN THE STUDY PERIOD OF PHD SCHOLARS OF PHARMACY DEPARTMENT |
| Decision: | The board, on the recommendation of the Graduate Studies Committee granted extension in the study period of the PhD Scholars (Mr. Asaf Khan, Mr. Haya |

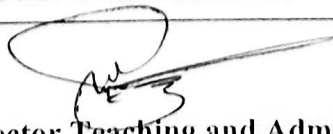

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| | Hussain, Mr. Abid ullah) from 08-08-2019 to 31-12-2021 as per HEC approved policy. |
| Item No. 5 | APPROVAL OF CO-SUPERVISOR FOR MPhil SCHOLAR, MR. MUHAMMAD MUKHTIYAR |
| Decision: | The Board approved Dr. Faiza Shareef (Assistant Professor at Interdisciplinary Research Centre in Biomedical Materials, COMSATS University, Islamabad (Lahore Campus) as a co- supervisor of the MPhil Scholar Mr. Muhammad Mukhtiyar for the research topic “ Extraction of podophyllotoxins from the roots of <i>Podophyllum hexandrum</i> Royle and selective anticancer activities ” as proposed by the concerned Supervisor and recommended by the Graduate Studies Committee. |
| Item No. 6 | APPROVAL OF THE RECOMMENDATIONS OF GRADUATE STUDIES COMMITTEE OF DEPARTMENT OF COMPUTER SCIENCE |
| | i <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Fazal Wahab, Department of Computer Science</i> |
| Decision: | The Board approved Research supervisor of the scholar as Dr. Riaz Ahmad and the research title of the scholar as; “COLLISION AVOIDANCE SYSTEM FOR VEHICLES IN OCCLUDED AREA” The board approved the Synopsis subject to the following; <ul style="list-style-type: none"> a. The use of possessive pronoun should be avoided. b. The title page of all sets of the Synopsis must be signed by all members of the GSC. c. The references may be updated and must be written uniformly and according to the approved format Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record. |
| | ii <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Shaheen ullah, Department of Computer Science</i> |
| Decision: | The Board approved Research supervisor of the scholar as Dr. Riaz Ahmad and the research title of the scholar as; |


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| | <p style="text-align: center;">A DEEP LEARNING BASED APPROACH FOR PART OF SPEECH TAGGING IN THE PASHTO LANGUAGE</p> <p>The board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none">The use of possessive pronoun should be avoided.The title page of all sets of the Synopsis must be signed by all members of the GSC.The references may be updated and must be written uniformly and according to the approved format <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| iii | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Barkatullah, Department of Computer Science</i></p> |
| Decision: | <p>The Board approved Research supervisor of the scholar as Dr. Riaz Ahmad and the research title of the scholar as;</p> <p style="text-align: center;">DIAGNOSIS OF PNEUMONIA FROM IMAGES OF CHEST-X RAY USING DEEP LEARNING</p> <p>The board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none">The use of possessive pronoun should be avoided.The title page of all sets of the Synopsis must be signed by all members of the GSC.The references may be updated and must be written uniformly and according to the approved format <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| Item No. 7 | <p style="text-align: center;">EXTENSION IN THE STUDY PERIOD OF PHD SCHOLARS OF BIOTECHNOLOGY DEPARTMENT</p> |
| Decision: | <p>The board, on the recommendation of the Supervisors granted extension in the study period of the PhD Scholars (Ms. Haseena Gulzar, Ms. Jaweria Gul, Ms. Tayyaba Behram) from 07-08-2019 to 07-08-2022 as per HEC approved policy.</p> |

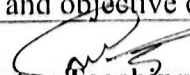

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| Item No. 8 | APPROVAL OF THE RECOMMENDATIONS OF THE GRADUATE STUDIES COMMITTEE OF THE DEPARTMENT OF ENVIRONMENTAL SCIENCES |
| i | <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Irfan uddin , Department of Environmental Sciences</i> |
| Decision: | <p>The Board approved Research supervisor of the scholar as Dr. Juma Mohammad and the research title of the scholar was modified as;</p> <p>Old Topic : Phytoremediation Potential of cadmium and lead from contaminated soil by selected ornamental plants</p> <p>New Topic: Phytoremediation Potential of selected ornamental plants for removal of cadmium and lead from contaminated soil</p> <p>The Board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none">Grammatical mistakes may be rectified.Work done (if any) on the selected plants may be citedMethod for statistical analysis may be incorporated in the SynopsisA comparative analysis of the research data and existing data may be includedThe references may be updated and must be written uniformly and according to the approved format <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| ii | <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Khadim Shoaib , Department of Environmental Sciences</i> |
| Decision: | <p>The Board approved Research supervisor of the scholar as Muhammad Amin and the research title of the scholar as;</p> <p>ECOSYSTEM SERVICES OF CEDRUS DEODARA TO HIGH MOUNTAIN INHABITANTS OF DIR KOHISTAN</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none">The scholar was unable to present/ defend his research proposal before the board.The Synopsis must be prepared as per approved format.The title and objective of the Synopsis are the same |


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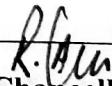

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| | <ol style="list-style-type: none"> 4. The introduction section must be related to the subject 5. The material and method section needs to be revised/elaborated. 6. A comparative analysis of the research data and existing data may be included 7. The time frame for completion of the study must be re-considered 8. The references may be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| iii | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Javid ul Haq , Department of Environmental Sciences</i></p> |
| Decision | <p>The Board approved Research supervisor of the scholar as Dr. Fazli Aziz and the research title of the scholar as;</p> <p style="text-align: center;">REMOVAL OF FLUORIDE FROM CONTAMINATED WATER USING OAK ASH</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none"> 1. The scholar was unable to present/ defend his research proposal before the board. 2. The use of possessive pronoun should be avoided 3. Plain of work is missing. 4. The Synopsis may be prepared according to the approved format 5. A comparative analysis of the research data and existing data may be included 6. The time frame for completion of the study must be re-considered 7. The references may be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| iv | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Misbah ul Haq , Department of Environmental Sciences</i></p> |
| Decision | <p>The Board approved Research supervisor of the scholar as Muhammad Amin and the research title of the scholar was modified by replacing the term systems by agents;</p> <p style="text-align: center;">Old Topic: DEVELOPMENT OF INDUSTRIAL DYES DECOLOURIZATION SYSTEMS USING BACTERIAL STRAINS FOR BIOREMEDIATION OF POLLUTED WATER</p> |


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**New Topic: DEVELOPMENT OF INDUSTRIAL DYES
DECOLOURIZATION AGENTS USING BACTERIAL STRAINS
FOR BIOREMEDIATION OF POLLUTED WATER**

The Board approved the Synopsis subject to the following;

- a. Grammatical mistakes may be rectified.
- b. The purpose of the study may be incorporated in the text.
- c. Reference No.1 may be properly cited in the text.
- d. Paragraphs may be structured properly
- e. Objectives of the study should be rephrased
- f. A uniform references pattern within the text may be incorporated
- g. The references may be updated and must be written uniformly and according to the approved format

Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.

v *Approval of Research Supervisor, Research Title and Research Synopsis of
MPhil Scholar Mr. Assadullah I, Department of Environmental Sciences*


Decision

The Board approved Research supervisor of the scholar as **Muhammad Amin** and the research title of the scholar as;

**RISK ASSESSMENT TO PESTICIDES EXPOSURE ON HEALTH OF
POTATO GROWERS IN KOHISTAN DIR UPPER**

The Board has referred back the synopsis due to the following:

- a. The scholar was unable to present/ defend his research proposal before the board.
- b. "Khyber Pakhtunkhwa, Pakistan" may be added in the title.
- c. In the introduction, the reference of the report "WHO, 2008 "is not mentioned in the "References"
- d. Under the Heading "Material and Methods", the sub Title "Methodology" is required to be added
- e. Lot of grammatical mistakes in the text, especially under the section "Materials and Methods"
- f. Plan of work is missing
- g. The synopsis must be prepared according to the approved format

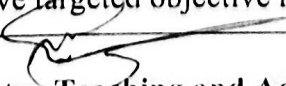

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| | <p><i>h.</i> The material and method section needs to be revised/elaborated.</p> <p><i>i.</i> The references may be written uniformly and according to the approved format</p> <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| vi | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Assadullah ii , Department of Environmental Sciences</i></p> |
| Decision | <p>The Board approved Research supervisor of the scholar as Dr. Allah Ditta and the research title of the scholar as;</p> <p style="text-align: center;">IMPACT OF CO-COMPOSTED BIOCHAR ON GROWTH AND PRODUCTIVITY OF MAIZE GROWN UNDER CHROMIUM CONTAMINATED SOIL</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none"> a. The scholar was unable to present/ defend his research proposal before the board. b. In the introduction, multiple number of references are given, even after every sentence c. Objectives may be made as per format d. Too much references are given under the sub heading "References" e. The references may be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| vii | <p><i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Najeebullah , Department of Environmental Sciences</i></p> |
| Decision | <p>The Board approved Research supervisor of the Scholar as Dr. Tamanna Bakht and referred back the synopsis due to the following reasons.</p> <ol style="list-style-type: none"> a. The scholar was unable to present/ defend his research proposal before the board. b. The justification about the Novelty of the work may be provided. c. The study may be redesigned and must address/highlight problem statement of the work d. The objective may be refine/concise. e. Descriptive targeted objective may be incorporated. |


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| | <p>f. Methodology of the data collection may be refined</p> <p>g. The references may be written uniformly and according to the approved format</p> <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| viii | <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr.Said Hakim , Department of Environmental Sciences</i> |
| Decision | <p>The Board approved Research supervisor of the scholar as Dr. Fazli Aziz and the research title of the scholar as;</p> <p style="text-align: center;">HYDRO-GEOCHEMICAL INVESTIGATION OF GROUNDWATER QUALITY IN SHERINGAL VALLEY, DIR UPPER, PAKISTAN</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none"> similarity index limit is higher than approved < 05% limit from any single source Grammatical mistakes may be rectified. The purpose of the study may be incorporated in the text. The references may be updated and must be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation along with Turnitin Originality Report.</p> |
| xi | <i>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr.Mohsin Khan , Department of Environmental Sciences</i> |
| Decision | <p>The Board approved Research supervisor of the scholar as Dr. Juma Muhammad and the research title of the scholar as</p> <p style="text-align: center;">TOURISM IMPACTS ON THE RIVER PANJKORA AT KUMRAT VALLEY - A COMPARATIVE STUDY OF HEAVY METALS</p> <p>The Board approved the Synopsis subject to the following;</p> <ol style="list-style-type: none"> Grammatical mistakes may be rectified. Objective no 1 may be removed and objective no 3 may be written as "To assess health risk due to heavy metals contamination". |


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| | <p>c. Methods of statistical analysis may be incorporated</p> <p>d. The references may be updated and must be written uniformly and according to the approved format</p> <p>Revised Synopsis may be submitted to the Directorate of Advance Studies and Research Board along with correction certificate for the record.</p> |
| x | <p>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Asad Mehmood , Department of Environmental Sciences</p> |
| Decision | <p>The Board approved Research supervisor of the scholar as MS. RIFFAT AZIZ and the research title of the scholar as</p> <p style="text-align: center;">SOIL ANALYSIS OF FOREST TREE NURSERY OF DOODBAH DIR UPPER KHYBER PAKHUNKHWA PAKISTAN, PAKISTAN</p> <p>The Board has referred back the synopsis due to the following:</p> <ol style="list-style-type: none">The scholar was unable to present/ defend his research proposal before the board.Objective should be rephrasedGrammatical mistakes may be rectifiedThe Synopsis must be prepared according to the approved format of the University.The references may be updated and must be written uniformly and according to the approved format <p>Revised synopsis may be re-submitted and the scholar needs to reappear before the next meeting of the Board with full preparation.</p> |
| 9 | <p>Approval of Research Supervisor, Research Title and Research Synopsis of MPhil Scholar Mr. Latif ur Rahman , Department of Islamic studies</p> |
| | <p>The Board approved Research supervisor of the scholar as Dr.ABDUL HAQ and the research title of the scholar as</p> <p style="text-align: center;">تفسیر جو اہر الجار کے منہج و اسلوب کا تجزیاتی مطالعہ</p> <p>The Board referred back the synopsis because similarity index limit is higher than approved < 05% limit from any single source. The scholar needs to revised the synopsis with similarity index within approved limit. The scholar needs to reappear before the next meeting of the Board with full preparation along with Turnitin Originality Report.</p> |



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| 10 | TRANSFER OF CREDIT HOURS FROM PMAS ARID AGRICULTURE UNIVERSITY RAWALPINDI TO DEPARTMENT OF FORESTRY, SHAHEED BENAZIR BHUTTO UNIVERSITY, SHERINGAL DIR UPPER. |
| Decision | The Board after detail discussion decided to refer back the case to the academic office to record comments of the faculty equivalence committee in accordance with the approved MPhil/PhD rules of the University. The faculty equivalence committee shall determine the suitability of the candidate and the courses to be studied at SBBU. The competent authority may grant anticipatory approval if the candidate satisfies all the requirements. |


The meeting ended with vote of thanks to and from the Chair.



Director ASRB



Director Teaching and Admission



Vice Chancellor