

## **Minutes of the 8<sup>th</sup> Meeting of Advance Studies and Research Board (ASRB), Shaheed Benazir Bhutto University Sheringal Dir Upper.**

The 8<sup>th</sup> Meeting of advance Studies & Research Board (ASRB) was held in the Committee Room of Shaheed Benazir Bhutto University Sheringal Dir Upper on 01/12/2020 at 10:00 am. The following attended the meeting.

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| 1. Prof.Dr.Rahmat Ali Khan | Vice Chancellor (in Chair)                |
| 2. Dr.Shujaat Ahmad        | Associate Professor in Pharmacy           |
| 3. Dr.Saira Nayab          | Assistant Professor in Chemistry          |
| 4. Dr.Wajid Raza           | Assistant Professor in Management Science |
| 5. Dr.Sami Ul Haq          | Assistant Professor in Islamic Studies    |
| 6. Dr.Riaz Ahmad           | HoD Computer Science                      |
| 7. Dr. Alam Zaib           | Director QEC.                             |
| 8. Dr.Abdul Khaliq Jan     | Director ORIC.                            |
| 9. Prof.Dr.Farhat Ali      | Director Teaching & Admission/Secretary   |

The meeting started with the recitation of the Holy Quran by Dr.Sher Wali Khan. The Vice-Chancellor welcomed the participants and thanked them for their participation in the meeting which was followed by an introduction of the participants by the Chair. He then asked the Director Teaching & Admission/Secretary to present the agenda before the board. The Director Teaching & Admission presented the agenda items one by one and the following decisions were made.

**ITEM NO 01****APPROVAL OF COURSE WORK, RESEARCH SUPERVISOR, RESEARCH TITLE AND RESEARCH SYNOPSIS OF MR.ASAF KHAN, PH.D SCHOLAR, DEPARTMENT OF PHARMACY.**

The Board approved the course work, studied by the scholar. The Scholar in presence of his supervisor presented his research work before the ASRB. The Board approved research supervisor of the Scholar as **Dr. Shujaat Ahmad** and topic of the scholar titled as

***“SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF FLAVONOIDS AND CHIRAL AMIDES”***

The Board also approved the synopsis of the research Scholar with minor corrections in scheme of studies, correction of spelling mistakes with subject to correction certificate of Dr. Saira Nayab and Dr Alam Zeb (Director QEC) by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 02****APPROVAL OF COURSE WORK, RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.HAYA HUSSAIN KHAN, PH.D SCHOLAR, DEPARTMENT OF PHARMACY.**

The board approved the course work, studied by the scholar. The Scholar in presence of his supervisor presented his research work before the ASRB. The Board approved research supervisor of the Scholar as **Dr. Shujaat Ahmad** and topic of the scholar titled as

***“NEURO PHARMACOLOGICAL AND BIOCHEMICAL APPROACH TOWARDS ANTIAMNESIC POTENTIAL OF SYNTHETIC CURCUMIN ANALOGS”***

The Board also approved the synopsis of the research Scholar with minor corrections in scheme of studies, correction of spelling mistakes and following general writing format with subject to correction certificate of Dr. Saira Nayab and Dr Alam Zeb (Director QEC) by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 03****APPROVAL OF COURSE WORK, RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.ABID ULLAH, PH.D SCHOLAR, DEPARTMENT OF PHARMACY.**

The Board approved the course work, studied by the scholar. The Scholar in presence of his supervisor presented his research work before the ASRB. The Board approved research supervisor of the Scholar as **Dr. Shujaat Ahmad** and topic of the scholar titled as

***“EFFECTS OF MOXIFLOXACIN AND GEMIFLOXACIN ON BLOOD GLUCOSE LEVEL OF EUGLYCEMICS: A PRE-CLINICAL AND CLINICAL STUDY”***

The Board also approved the synopsis of the research Scholar with minor corrections in addition of latest references, following proper format with subject to correction certificate of Dr. Saira Nayab and Dr. Wajid Raza by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 04.****CHANGE OF SUPERVISOR IN RESPECT OF MR.IKRAM M.PHIL SCHOLAR DEPARTMENT OF CHEMISTRY.**

The Board after detailed discussion approved the agenda item with the directives to discourage such type of issues in future.

**ITEM NO 05****APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.NAVEED ULLAH, MPHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Abdul Khaliq Jan** and topic of the scholar titled.

***” SYNTHESIS, CHARACTERIZATION AND PHYSICO-CHEMICAL STUDIES OF CU(II), ZN(II) AND CD(II) COMPLEXES SUPPORTED WITH PIPERIDINE DERIVATIVES”.***

The Board also approved the research synopsis of the research scholar.

**ITEM NO 06****APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. M.SABIR KHAN, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Abdul Khaliq Jan** and topic of the scholar titled.

***“SYNTHESIS, CHARACTERIZATION AND ACTIVITIES OF NANOPARTICLES OF THE FRUITS EXTRACT OF ELAEAGNUS ANGUSTIFOLIA”.***

The Board approved the case and directed the scholar to revise the objectives and include MIC, MBC, MFC in the aims and objectives section and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 07**

**APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD SIYAR, M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Abdul Khaliq Jan** and topic of the scholar titled.

***“SYNTHESIS, CHARACTERIZATION AND ACTIVITIES OF SILVER NANOPARTICLES OF THE FRUITS EXTRACT OF PYRACANTHA COCCINEA”.***

The Board approved the case and directed the scholar to include contents in the introduction and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 08**

**APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IJAZ AHMAD M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Sher Wali Khan** and topic of the scholar titled.

***“SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES USING DIOSPYROS KAKI SEEDS”***

The Board approved the case and directed the scholar to increase the No of Biological activities and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 09****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IKRAM ULLAH M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Sher Wali Khan** and topic of the scholar titled.

***“SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOLOGICAL EVALUATION OF N-(4-HYDROXYPHENETHYL) DODECANAMIDE ANALOGS”***

The Board approved the case and directed the scholar to include the scheme of studies and revise the aims and objectives and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 10****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUNIB ULLAH M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Sher Wali Khan** and topic of the scholar titled.

***“SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOLOGICAL EVALUATION OF N-(1H-1,2,4-TRIAZOL-3-YL) STEARAMIDE ANALOGS”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 11****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. NISAR ALI M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Sher Wali Khan** and topic of the scholar titled.

***“SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF N-(BENZOTHAZOL-2-YL) LAURAMIDE ANALOGS”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and a certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 12****APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ZAHIDULLAH M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Sher Wali Khan** and topic of the scholar titled.

***“SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF N-(BENZOTHAZOL-2-YL) PALMITAMIDE DERIVATIVES”***

The Board also approved the research synopsis of the research scholar with minor correction in the last objective of the research work and a certificate to the effect shall be obtained from Dr. Sher Wali Khan by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 13****APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IFHAM UDDIN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Noor Rehman** and topic of the scholar titled.

***“GREEN SYNTHESIS OF LOW-COST METAL NANOPARTICLES AND THEIR CATALYTIC INVESTIGATION IN SOLVENT FREE OXIDATION OF ALCOHOL”***

The Board also approved the research synopsis of the research scholar with minor correction in the introduction of the research work and inclusion of latest references and a certificate to the effect shall be obtained from Dr. Noor Rahman by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 14****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. NOOR MUHAMMAD M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Noor Rehman** and topic of the scholar titled.

***“PREPARATION AND CHARACTERIZATION OF NANOCELLULOSE FROM BIORENEWABLE SOURCE”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and to exclude reference No.5, and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 15****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ZUBAIR AHMAD M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Noor Rehman** and topic of the scholar titled.

***“GREEN SYNTHESIS OF METAL NANOPARTICLES USING INDIGOFERA TINTORIA EXTRACT AND ITS APPLICATION IN NANOCOMPOSITES”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and to remove the abstract, and make more addition in introduction and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 16****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. RAHAMDAD ALI M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Nasr Uddin** and topic of the scholar titled.

***“PHYTOCHEMICAL STUDIES AND SELECTIVE BIOLOGICAL ACTIVITIES OF TEUCRIUM POLIUM.”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and to add aims and also revise your objectives, include more addition in introduction and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 17**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. LAL RAHMAN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Farman Ali Khan** and topic of the scholar titled.

***“PRODUCTION OF LOW GLYCEMIC INDEX HYDROGEL FROM HIGH SPEED HOMOGINIZED AMYLOSE-LIPID COMPLEX”***

The Board also approved the research synopsis of the research scholar with minor correction in the introduction of the research work and inclusion of latest references and a certificate to the effect shall be obtained from Dr.Farman Ali Khan by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 18**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. M. MUKHTIAR KHAN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Farman Ali Khan** and topic of the scholar titled.

***“EXTRACTION OF PODOPHYLLOTOXINS FROM THE ROOTS OF PODOPHYLLUM HEXANDRUM ROYLE AND SELECTIVE ANTICANCER ACTIVITIES”***

The Board also approved the research synopsis of the research scholar with minor correction in the introduction and also include more introduction of the research work and inclusion of latest references and a certificate to the effect shall be obtained from Dr.Farman Ali Khan by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).



**ITEM NO 19****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. ABDUL NASAR M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Muhammad Tariq** and topic of the scholar titled.

*“A COMPARATIVE STUDY OF INTERACTION BETWEEN IONIC AND NON-IONIC SURFACTANT WITH POLY (METHYL 4-(6-(4-VINYL PHENOXYL) HEXYLOXY BENZOIC ACI”*

The Board also approved the research synopsis of the research scholar with minor correction in the objectives and a certificate to the effect shall be obtained from Dr. Muhammad Tariq by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 20****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. NADIA KABIR M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Muhammad Tariq** and topic of the scholar titled.

*“SYNTHESIS, CHARACTERIZATION AND MESOMORPHIC STUDIES OF AMIDE AND ESTER LINKED LIQUID CRYSTALLINE MOLECULES”*

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations, and include aims and objectives, required major changes in the synopsis and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 21****APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. IJAZ M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Nasir Mehmood** and topic of the scholar titled.

*“GREEN PRODUCTION AND STRUCTURAL EVALUATION OF MAIZE STARCH-FATTY ACID COMPLEXES THROUGH HIGH SPEED HOMOGENIZATION”*

The Board also approved the research synopsis of the research scholar.

**ITEM NO 22**

**APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MISBAH UDDIN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Nasir Mehmood** and topic of the scholar titled.

***“ISOLATION AND CHARACTERIZATION OF AMYLASE-LIPID NANOMATERIALS FROM HOMOGENIZED STARCH FATTY ACID MIXTURE”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations, and improve the introduction include more addition in introduction and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 23**

**APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. MUHAMMAD SAEED M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Nasir Mehmood** and topic of the scholar titled.

***“EMULSIFYING PROPERTIES OF ACORN PROTEIN ISOLATE: INFLUENCE OF PH AND IONIC SALTS”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 24**

**APPROVAL OF RESEARCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. AFTAB ALAM M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Saira Nayab** and topic of the scholar titled.

***“SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF THIOPHENE DERIVED SCHIFF BASE COMPLEXES”***

The Board also approved the research synopsis of the research scholar.

**ITEM NO 25**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. FAWAD ALI M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Saira Nayab** and topic of the scholar titled.

***“C<sub>1</sub>-SYMMETRIC THIOPHENE DERIVED SCHIFF BASE METAL COMPLEXES: SYNTHESIS, CHARACTERIZATION AND PHYSICO-CHEMICAL PROPERTIES”***

The Board also approved the research synopsis of the research scholar.

**ITEM NO 26**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR. JAMAL UDDIN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Saira Nayab** and topic of the scholar titled.

***“SYNTHESIS OF SILVER NANOPARTICLES USING ACONITUM LEAVE ROYLE: CHARACTERIZATION AND BIOLOGICAL APPLICATIONS”***

The Board approved the case directed the scholar to revise your synopsis according to the GSC recommendations, include background in your synopsis and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 27**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.MEHBOOB UL HAQ M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Saira Nayab** and topic of the scholar titled.

***“SYNTHESIS, CHARECTERIZATION AND BIOLOGICAL ACTIVITIES OF MORPHOLINE DERIVED SCHIFF BASE COMPLEXES”***

The Board also approved the research synopsis of the research scholar. However, to incorporate minor changes and corrections and improving style and references, and label the scheme as A, B, C, D a certificate to this effect shall be obtained from Dr.Saira Nayab which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 28**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.SHAH FAISAL M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Saira Nayab** and topic of the scholar titled.

***“TRANSITION METAL COMPLEXES BASED ON C<sub>1</sub>- SYMMETRIC PYRIDINE DERIVED SCHIFF BASE: STRUCTURAL PROPERTIES AND BIOLOGICAL ACTIVITIES”***

The Board also approved the research synopsis of the research scholar. However, to incorporate minor changes and corrections and improving style and references, a certificate to this effect shall be obtained from Dr.Saira Nayab which must be submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 29**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.HIDAYAT ULLAH M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Muhammad Naveed Khan** and topic of the scholar titled.

***“PREPARATION AND CHARACTERIZATION OF NANOCELLULOSE AND ITS REINFORCEMENT POTENTIAL IN COMPOSITES”***

The Board also approved the research synopsis of the research scholar. However, to incorporate minor changes and corrections revise the abstract and improving style and references, and formatting, a certificate to this effect shall be obtained from Dr.Muhammad Naveed which must be

submitted to Admissions Section for record through the concerned Head of department (HoD).

**ITEM NO 30**

**APPROVAL OF RESERCH SUPERVISOR, RESEARCH TOPIC AND RESEARCH SYNOPSIS OF MR.TAHIR HASSAN M.PHIL SCHOLAR, DEPARTMENT OF CHEMISTRY.**

The Board approved the research supervisor of the Scholar as **Dr.Muhammad Naveed Khan** and topic of the scholar titled.

***“ISOLAITION AND CHARACTERIZATION OF CELLULOSE NANOMATERIALS FROM LIGNOCELLULOSIC BIOMASS”***

The Board approved the case and directed the scholar to revise your synopsis according to the GSC recommendations, remove typo mistakes, revise abstract and literature review and follow the university approved synopsis format. A certificate to the effect shall be obtained from Supervisor by incorporating proposed change(s) which must be submitted to Admissions Section for record through the concerned Head of department (HoD).