

Minutes of Meeting

06-08-2024

The 4<sup>th</sup> Board of Research Studies meeting of the School of Sciences was held on 06-08-2024 under the chairmanship of Prof. Shakil Ahmad Romshoo, Hon'ble Vice Chancellor. The meeting was attended by following:

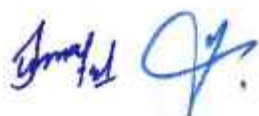
- I. Prof. Shakil Ahmad Romshoo, Vice Chancellor/Chairman BORS
- II. Prof. A. H. Moon, Dean Academic Affairs, IUST (Special Invitee)
- III. Prof. Sheikh Javid Ahmed, Dean Research, IUST
- IV. Prof. Abdul Wahid, Registrar, IUST (Special Invitee)
- V. Prof. Shakeel Ahmed, Visiting Professor, CDRR (Special Invitee)
- VI. Dr. Rumaan Bashir, I/C, Controller of Examinations (Special Invitee)
- VII. Dr. Aabid Hussain Shalla, I/C Dean, School of Sciences/HoD Chemistry
- VIII. Prof. Kowsar Majid, Professor, Department of Chemistry, NIT Srinagar
- IX. Prof. Seemin Rubab, Professor, Department of Physics, NIT Srinagar
- X. Prof. Anwar Hassan, Professor, Department of Statistics, University of Kashmir
- XI. Prof. Neyaz Ahmad, Professor, Department of Mathematics, NIT, Srinagar
- XII. Dr. Reyaz Ahmad Dar, Sr. Assistant Professor, Dept. of Earth Sciences, University of Kashmir
- XIII. Dr. Arshid Jehangir, Sr. Assistant Professor, Dept. of Environmental Science, University of Kashmir
- XIV. Dr. Peer Bilal Ahmad, Head, Department of Mathematical Sciences, IUST
- XV. Dr. Niyaz Ahmad Rather, Head, Department of Physics, IUST
- XVI. Dr. Irfan Maqbool Bhat, Coordinator, Centre for Disaster Risk Reduction (CDRR), IUST
- XVII. Dr. Sumira Nazir Zaz, Coordinator, Dept. of Environment Sustainability and Climate Change (DoES&CC), IUST
- XVIII. Dr. Aga Shahee, Coordinator, Frontier Research Institute for Interdisciplinary Sciences (FRIIS), IUST
- XIX. Dr. Farooq Hussain Bhat, Assistant Professor, Department of Physics, IUST
- XX. Dr. Manzoor Ahmad Dar, Assistant Professor, Department of Chemistry, IUST
- XXI. Dr. Bilal Ahmad Parra, Assistant Professor, Department of Mathematical Sciences, IUST
- XXII. Dr. Dharam Chand, Assistant Professor, Dept. of Environment Sustainability & Climate Change, IUST
- XXIII. Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, FRIIS, IUST
- XXIV. Ms. Anjumun Rasool, Ph.D Scholar, Dept. of Chemistry (Scholar Representative, School of Sciences)

The meeting was also attended by Mr. Mohd Yousf Bhat, Assistant Registrar, Research and Mr. Umar Afzal Dar, Sr. Assistant Research.

At the outset, Dean Research, Prof. Sheikh Javid Ahmed, welcomed the members present in the meeting. Dean Research remarked that the 4<sup>th</sup> BoRS meeting of the School of Science is the 3<sup>rd</sup> BoRS meeting being coordinated by the Office of the Dean Research with Hon'ble Vice Chancellor as Chairman of the Board.

BoRS Chairman, Prof. Shakil Ahmad Romshoo in his welcome address highlighted the significance of holding BoRS meetings across the various Schools of the University in a timely manner. He stressed that the Departments should hold the pre-BoRS meetings at the school level in order to examine the agenda items before their placement in BoRS. He laid emphasis to carry out the quality research in the University as many of the theses don't see light of the day after rigorous hard work for a couple of years by the Scholars. The Scholars should focus on the research areas that will prove beneficial to the society at large.

Prof. Shakil Ahmad Romshoo also remarked that Scholar enrollment in the University has increased exponentially in the recent years as the University is advertising the Ph.D vacancies regularly.





Thereafter, the agenda of the meeting was placed before the Board by Dean Research for consideration.

**Agenda 1(4): Confirmation of Minutes of the 3<sup>rd</sup> Board of Research Studies (BoRS) Meeting of the School of Sciences (SoS) held on 06-11-2023**

The 3<sup>rd</sup> BoRS meeting of the School of Sciences was held on 06-11-2023 and the minutes of meeting were circulated. Since, no comments were received, therefore, the board adopted the following resolution.

**“Resolved that the minutes of the 3<sup>rd</sup> Board of Research Studies of School of Sciences are confirmed.”**

**Agenda 2(4): To consider Action Taken Report (ATR) of the decisions of 3<sup>rd</sup> BoRS meeting of the SoS held on 06-11-2023**

Board expressed satisfaction on the actions taken by the Department of Chemistry on the decisions of the 3<sup>rd</sup> BoRS of SoS.

**1. Department of Mathematical Sciences**

**Agenda 3(4): To consider and approve the synopses of the Scholars:**

The synopses of the following three scholars as recommended by the DRC were placed before Board for consideration:

| S.No. | Name of Scholar/Registrati on No. & Date             | Name of Supervisor   | Title of Synopsis  | SRAC  |
|-------|--|----------------------|--|---|
| 01    | Mohammad Kafeel Wani<br>IUST0118011540<br>02-08-2022 | Dr. Peer Bilal Ahmad | Devising Efficient Statistical Models for Handling Over (or Under) Dispersed Data                    | Dr. Peer Bilal Ahmad<br>Dr. Mir Hashim Rasool<br>Dr. Mohd Younus Bhat |
| 02    | Huzaiifa Jan<br>IUST0121015707<br>28-07-2022         | Dr. Mohd Younus Bhat | Analysis of n-Dimensional Signals Using Different Integral Transforms in the Free Metaplectic Domain | Dr. Mohd Younus Bhat<br>Dr. Peer Bilal Ahmad<br>Dr. Mir Hashim Rasool |
| 03    | Shahbaz Rafiq<br>IUST0121015708<br>28-07-2022        | Dr. Mohd Younus Bhat | The Exploration of Clifford-Valued Signals in Various Integral Transform Domains                     | Dr. Mohd Younus Bhat<br>Dr. Peer Bilal Ahmad<br>Dr. Mir Hashim Rasool |

After detailed deliberation, the Board adopted the following resolution.

**“The synopses of the above mentioned two Scholars falling at S.No. 01 & 03 are approved in its current form. However, in respect of the Scholar, namely, Huzaiifa Jan at S.No. 02, the Board recommended that the title of synopsis be changed to “Study of Multidimensional Signals in the Framework of Free Metaplectic Transformation Domains”. The approved titles of the scholars are as under:**

| S.No. | Name of Scholar/Registration No. & Date              | Name of Supervisor   | Approved Title  |
|-------|--|----------------------|---|
| 01    | Mohammad Kafeel Wani<br>IUST0118011540<br>02-08-2022 | Dr. Peer Bilal Ahmad | Devising Efficient Statistical Models for Handling Over (or Under) Dispersed Data             |
| 02    | Huzaifa Jan<br>IUST0121015707<br>28-07-2022          | Dr. Mohd Younus Bhat | Study of Multidimensional Signals in the Framework of Free Metaplectic Transformation Domains |
| 03    | Shahbaz Rafiq<br>IUST0121015708<br>28-07-2022        | Dr. Mohd Younus Bhat | The Exploration of Clifford-Valued Signals in Various Integral Transform Domains              |

## 2. Department of Chemistry

### Agenda 4(4): To consider and approve the synopses of the Scholars:

The synopses of the following four scholars as recommended by the DRC were placed before BORS for consideration:

| S.No | Name of Scholar /Registration No. & Date            | Name of the Supervisor   | Name of the Co-Supervisor                                 | Title of Synopsis   | SRAC   |
|------|---|--------------------------|---|---|--|
| 01   | Rais Ahmad Wani<br>IUST0118011577<br>19-10-2023     | Dr. Imtiyaz Ahmad Bhat   | ---   | Design, Synthesis and Exploration of Organic Imine Cages and Macrocycles for Different Applications   | Dr. Imtiyaz Ahmad Bhat<br>Dr. Nisar Ahmad Dangroo<br>Dr. Noor U Din Reshi      |
| 02   | Insha Bashir Kakroo<br>IUST0123017795<br>16-10-2023 | Dr. Aabid Hussain Shalla | 1. Dr. Nisar Ahmad Dangroo<br>2. Dr. Arsheed Ahmad Ganaie | Design, Synthesis and Optimization of Novel Chitosan-Based Multifunctional Hydrogels for the Development of Efficient Wound Healing Materials | Dr. Aabid Hussain Shalla<br>Dr. Arsheed Ahmad Ganaie<br>Dr. Nisar Ahmad Ganaie |
| 03   | Nayeema Gull<br>IUST0116008681<br>16-10-2023        | Dr. Aabid Hussain Shalla | Dr. Nisar Ahmad Dangroo                                   | Design, Synthesis, and Evaluation of pH-Sensitive Pectin-Based Hydrogel Systems for Enhanced Colonic Drug Delivery                            | Dr. Aabid Hussain Shalla<br>Dr. Nisar Ahmad Dangroo<br>Dr. Noor U Din Reshi    |
| 04   | Fahmida Bashir<br>IUST0117009965<br>16-10-2023      | Dr. Nisar Ahmad Dangroo  | Dr. Nissarul Ashraf                                       | Identification of Naturally Occurring Antihyperlipidemic Agents from Medicinal Folklore of Kashmir Valley                                     | Dr. Nisar Ahmad Dangroo<br>Dr. Manzoor Ahmad Dar<br>Dr. Imtiyaz Ahmad Bhat     |

The subject expert remarked that the members of the SRAC should be from the relevant area of research to evaluate the progress of Scholars effectively, and after detailed deliberation, the Board adopted the following resolution:



**"The title of the synopses of the above mentioned four Scholars are approved in their current form with the remarks that there should be uniform synopsis format across the School and the references mentioned in the synopsis should be as per the standard format based on the choronological order in the text."**

**Agenda 5(4): To consider and approve Dr. Noor U Din, Assistant Professor, Dept. of Chemistry as Ph.D Supervisor**

The DRC in its meeting held on 01-07-2024 has recommended that Dr. Noor U Din, Assistant Professor, Department of Chemistry be considered as Ph.D Supervisor in the Department of Chemistry. The Board after detailed deliberation, besides going through the detailed CV of Dr. Noor U Din adopted the following resolution:

**"Dr. Noor U Din, Assistant Professor, Department of Chemistry is approved as a Ph.D Supervisor in the Department."**

**Agenda 6(4): To consider Dr. Nissarul Ashraf, Assistant Professor, Dept. of Biochemistry, Govt. Women's College Srinagar as Co-Supervisor**

The DRC in its meeting held on 01-07-2024 has recommended that Dr. Nissarul Ashraf, Assistant Professor, Dept. of Biochemistry, Govt. Women's College Srinagar be considered as Co-Supervisor to the Scholar Fahmida Bashir (IUST0117009965) of the Department of Chemistry. After detailed deliberation, besides going through the detailed CV of Dr. Nissarul Ashraf and NoC of his parent institution, the Board adopted the following resolution:

**"Dr. Nissarul Ashraf, Assistant Professor, Dept. of Biochemistry, Govt. Women's College Srinagar is approved as a Ph.D Co-Supervisor to Fahmida Bashir (IUST0117009965), Ph.D Scholar Dept. of Chemistry, IUST."**

**Agenda 7(4): To consider and approve the syllabi of the new discipline centric elective course in in-organic Chemistry**

The DRC in its meeting held on 01-07-2024 has recommended the discipline centric elective courses be approved by the Board. The detailed syllabus of the course was placed before Board for consideration. After detailed deliberation on the agenda item in light of the suggestion from the external subject expert, the Board adopted the following resolution:

**"After thoroughly examining the contents of the course, the Board recommended that the syllabi of the course be revised and vetted in the Board of Studies of the Department and subsequently placed in the forthcoming BoRS of the School for ratification/approval. Further, the board opined that the the title of the course should be changed from *"Synthetic and Mechanistic Transition-Metal Organometallic Chemistry"* to *"Transition-Metal Organometallic Chemistry"*"**

**3. Department of Physics****Agenda 8(4): To consider and approve the change of Research titles:**

The DRC in its meeting held on 24-06-2024 has recommended change of research title in respect of two scholars. The details are given as under:

| S.No. | Name of Scholar/Registration No. & Date        | Name of the Supervisor | Old Title  | New Title   |
|-------|--|------------------------|--|---|
| 01    | Mudasir Farooq<br>IUST0119013143<br>19-10-2020 | Dr. Mir Hashim Rasool  | Studies of Doped Nanophosphors for White Light Emitting Diodes             | Studies of Rare Earth Doped Phosphors for White Light Emitting Diode Applications |
| 02    | Haqnawaz Rafiq<br>IUST0120014468<br>16-09-2021 | Dr. Mir Hashim Rasool  | Studies of Doping Induced Luminescence Modifications in Phosphor Materials | Studies of Rare Earth Doping-Induced Luminescent Properties of Phosphor Materials |

The Board has considered the recommendations of DRC regarding change in the Research titles of the above mentioned two Scholars and adopted the following resolution:

***"The revised research title of Mudasir Farooq 'Studies of Rare Earth Doped Phosphors for White Light Emitting Diode Applications' and in respect of Haqnawaz Rafiq, the research title 'Studies of Rare Earth Doping-Induced Luminescent Properties of Phosphor Materials' are approved"***

**Agenda 9(4): To consider and approve Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, FRIIS as Co-supervisor of Mohammad Ishfaq Ul Islam (IUST0120014463), Ph.D Scholar, Dept. of Physics**

The DRC in its meeting held on 24-06-2024 has recommended Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, FRIIS as Co-supervisor of Mohammad Ishfaq Ul Islam (IUST0120014463), Ph.D Scholar, Dept. of Physics. The Board has considered the recommendations of DRC regarding consideration of Co-Supervisor in respect of the Scholar, Mr. Mohammad Ishfaq Ul Islam and adopted the following resolution:

***"Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, FRIIS is approved as a Ph.D Co-Supervisor to Mr. Mohammad Ishfaq Ul Islam (IUST0120014463), Ph.D Scholar Dept. of Physics, IUST."***

**4. Centre for Disaster Risk Reduction (CDRR)****Agenda 10(4): To consider and approve the introduction of Interdisciplinary PhD Program in the Centre for Disaster Risk Reduction (CDRR), Islamic University of Science and Technology (IUST) from the current academic session 2024-25.**

The DRC in its meeting held on 03-05-2024 has recommended the launch of Ph.D Program in the Centre for Disaster Risk Reduction (CDRR) from the current academic session 2024-25. The board has considered the recommendations of the DRC and adopted the following resolution:



**“Launch of Interdisciplinary Ph.D Program in the CDRR from the current academic session 2024-25 is approved.”**

**Agenda 11(4): Eligibility for admission to PhD Program in the CDRR, IUST**

The DRC in its meeting held on 03-05-2024 has recommended that the candidates with Master's Degree in Earth and Environment Science subjects such as Disaster Management, Geology/Applied Geology; Geophysics/ Geophysics; Hydrogeology; Geoinformatics/Geomatics, and Geography; are eligible for PhD Program at CDRR, IUST. After threadbare discussion, the Board adopted the following resolution.

**“With regard to the eligibility for admission to Ph.D Program in CDRR, the Board opined that a committee under the Chairmanship of Dean Research with all Heads of SoS is constituted. The committee shall submit its recommendations to Hon'ble Vice-Chancellor for approval.”**

**Agenda 12(4): Title of the PhD Degree to be awarded**

The DRC in its meeting held on 03-05-2024 has recommended that the format of the PhD Degree as “Doctorate in Science/ Disaster Science” (Mention Subject at Masters level) on the topic, “-----” in the School of Sciences, IUST, and the same may be placed before the forth-coming BORS meeting for approval. After threadbare discussion, the Board adopted the following resolution:

**“With regard to the title of the Ph.D Degree to be awarded, the Board recommended that a committee under the Chairmanship of Dean Research with all Heads of SoS as its members is constituted. The committee shall submit its recommendations to Hon'ble Vice-Chancellor for approval”.**

**Agenda 13(4): To consider and approve Dr. Irfan Maqbool Bhat, Assistant Professor, CDRR as Ph.D Supervisor**

The DRC in its meeting held on 03-05-2024 has recommended that Dr. Irfan Maqbool Bhat, Assistant Professor, Centre for Disaster Risk Reduction (CDRR) be considered as Ph.D Supervisor in CDRR. The Board after detailed deliberation, besides going through the detailed CV of Dr. Irfan Maqbool Bhat adopted the following resolution:

**“Dr. Irfan Maqbool Bhat, Assistant Professor, CDRR is approved as a Ph.D Supervisor in the Centre.”**

**Agenda 14(4): To consider and approve Prof. Shakeel Ahmed, Visiting Professor, IUST, as PhD Co-Supervisor within the CDRR/ IUST**

The DRC in its meeting held on 03-05-2024 has recommended that Prof. Shakeel Ahmed, Visiting Professor, IUST be considered as Ph.D Co-Supervisor within CDRR/IUST. The Board recognized the contribution of Prof. Shakeel Ahmed and adopted the following resolution:

**“Prof. Shakeel Ahmed, Visiting Professor, CDRR is approved as a Ph.D Co-Supervisor in the Centre/IUST.”**

**Agenda 15(4): To consider and approve the coursework syllabus for PhD programme in CDRR**

The DRC in its meeting held on 03-07-2024 has recommended below mentioned coursework syllabus for the PhD program in CDRR:

| Course                      | Code    | Course Title   | Type     | Credit |
|-----------------------------|---------|--|----------|--------|
| Core                        | RPE     | Research and Publication Ethics                        | Core     | 2      |
|                             | DRR901C | Research Methodology                                   | Core     | 4      |
|                             | DRR902C | Recent Advances in the subject                         | Core     | 4      |
| Research Centric            | DRR903C | Seminar on recent developments in the area of research | Core     | 2      |
| Discipline Centric Elective | DRR904E | Seismology & Earthquake Engineering                    | Elective | 2      |
|                             | DRR905E | Advanced Flood Risk Management                         | Elective | 2      |
|                             | DRR906E | Water Cycle and its Components                         | Elective | 2      |

After detailed deliberation on the agenda item in light of the suggestions from the external subject experts and the Chairman, the Board adopted the following resolution:

**"After thoroughly examining the contents of the courses, the Board recommended that the syllabi of the courses be revised to upgrade it to the level of Ph.D and be vetted in the Board of Studies of the Centre and subsequently placed in the forthcoming BoRS of the School for ratification/approval."**

#### 5. Frontier Research Institute for Interdisciplinary Sciences (FRIIS)

**Agenda 16(4): To consider and approve the Introduction of Interdisciplinary PhD programme at FRIIS from the year 2024-25**

The DRC in its meeting held on 24-05-2024 has recommended the launch of Ph.D Program in the Frontier Research Institute for Interdisciplinary Sciences (FRIIS) from the current academic session 2024-25. After detailed deliberation on the agenda item, the Board made following resolution:

**"Launch of Interdisciplinary Ph.D Program in the FRIIS from the current academic session 2024-25 is approved."**

**Agenda 17(4): Eligibility for Interdisciplinary PhD programme and mode of selection in FRIIS**

The DRC in its meeting held on 24-05-2024 has recommended that the mode of selection should be as per university guidelines and open to students from all branches of STEM. After threadbare discussion, the Board adopted the following resolution:

**"With regard to the eligibility for admission to Ph.D Program in FRIIS, the Board recommended that a committee under the Chairmanship of Dean Research with all Heads of SoS as its members is constituted. The committee shall submit its recommendations to Hon'ble Vice-Chancellor for approval"**

**Agenda 18(4): Title of the PhD Degree to be awarded**

The DRC in its meeting held on 24-05-2024 has recommended that the degree should be awarded in the discipline of his/her master's degree or four-year bachelor's degree. After threadbare discussion, the Board adopted the following resolution:

**"With regard to the title of the Ph.D dregree to be awarded, the Board recommended that a committee"**



**under the Chairmanship of Dean Research with all Heads of SoS as its members is constituted. The committee shall submit its recommendations to Hon'ble Vice Chancellor for approval**

**Agenda 19(4): To consider and approve three Ramanujan Fellows, FRIIS as Supervisor in the Department/Centre**

The DRC in its meeting held on 24-05-2024 has recommended the below mentioned three Ramanujan Fellows be approved as Ph.D Supervisors in the Department of Frontier Research Institute for Interdisciplinary Sciences (FRIIS), IUST.

| S.No. | Name of Faculty Member   | Date of Joining |
|-------|--------------------------|-----------------|
| 01    | Dr. Aga Shahee           | 31-10-2023      |
| 02    | Dr. Shakeel Ahmad Khandy | 01-04-2024      |
| 03    | Dr. Suhail Yousuf        | 01-05-2024      |

The Board after detailed deliberation, besides going through the detailed CVs of above mentioned three Ramanujan Fellows adopted the following resolution:

**"Dr. Aga Shahee, Dr. Shakeel Ahmad Khandy and Dr. Suhail Yousuf, Ramanujan Fellows, are approved as a Ph.D Supervisors in the Department/Centre."**

**Agenda 20(4): To consider and approve Dr Aga Shahee and Dr Shakeel Ahmad Khandy as Co-Supervisors outside the FRIIS**

The DRC in its meeting held on 03-07-2024 has recommended that the Dr. Aga Shahee and Dr. Shakeel Ahmad Khandy may be approved as the Co-Supervisors of the scholars who are currently enrolled in the NIT Srinagar and Department of Physics, IUST. The Details are given as under:

| S.No. | Name of Student          | PhD Joining Date | Name of Supervisor      | Department                     | Co-Supervisor            |
|-------|--------------------------|------------------|-------------------------|--------------------------------|--------------------------|
| 01    | Ubaida Jan               | 08-05-2024       | Prof. Mohd Ikram        | Dept. of Physics, NIT Srinagar | Dr. Aga Shahee           |
| 02    | Masarat Fayaz Bhat       | 27-06-2024       | Prof. Seemin Rubab      | Dept. of Physics, NIT Srinagar | Dr. Aga Shahee           |
| 03    | Mohammad Ishfaq Ul Islam | 16-09-2021       | Dr. Farooq Hussain Bhat | Dept. of Physics, IUST Kashmir | Dr. Shakeel Ahmad Khandy |

After threadbare discussion, the Board adopted the following resolution:

**"The proposal for Co-Supervision by the Ramanujan Fellow to the Scholars outside the University was deferred for the time being and will be entertained by the Competent Authority on case-to-case basis depending on merit and feasibility. However, in respect of the Scholar, Mohammad Ishfaq Ul Islam (IUST0120014463), Co-Supevision by Dr. Shakeel Ahmad Khandy is approved."**



**Agenda 21(4): To consider and approve the coursework syllabus for Ph.D programme in Interdisciplinary Sciences at Frontier Research Institute for Interdisciplinary Sciences (FRIIS):**

The DRC in its meeting held on 03-07-2024 has recommended below mentioned coursework syllabus for the PhD program in FRIIS.

| Course                      | Code      | Course Title  | Type     | Credit |
|-----------------------------|-----------|---|----------|--------|
| Core                        | RPE       | Research and Publication Ethics   | Core     | 2      |
|                             | FRIIS-101 | Research Methodology and Data statistics                                  | Core     | 4      |
| Research Centric            | FRIIS-102 | Recent Advances in the Field of Interdisciplinary Research and Innovation | Core     | 4      |
| Discipline Centric Elective | FRIIS-103 | Advanced course in Experimental Condensed Matter                          | Elective | 4      |
|                             | FRIIS-104 | Advanced course in Computational Condensed Matter                         | Elective | 4      |
|                             | FRIIS-105 | Advanced course in immunology   | Elective | 4      |

After detailed deliberation on the agenda item in light of the suggestions from the external subject experts, the Board adopted the following resolution:

**“After thoroughly examining the contents of the course, the Board recommended that the syllabi of the courses be revised to upgrade it to the level of Ph.D and be vetted in the Board of Studies of the Centre and subsequently placed in the forthcoming BoRS of the School for ratification/approval.**

**Further, the Board recommended minor modification in the syllabus of core course Research Methodology and Data Statistics, for Unit IV: Statistical Research Methods and Error Analysis. The syllabus for this Unit should be prepared in consultation with Dr. Peer Bilal Ahmad, Head, Dept. of Mathematical Sciences.**

**All courses should have credit division in the L-P-T (Lecture-Practical-Tutorial) format and the course names should be shortened.”**

**6. Department of Environment Sustainability and Climate Change**

**Agenda 22(4): Ratification of approval of the three Assistant Professors of the Department of Environment Sustainability & Climate Change (ES&CC) as Ph.D Supervisors**

The below mentioned three Assistant Professors of the Department of Environment Sustainability & Climate Change were approved as the Ph.D Supervisors by the Hon'ble Vice

Chancellor and subsequently an office order was issued in their favour by the Office of Dean Research, the same was placed before the Board for ratification.

- I. Dr. Sumira Nazir Zaz
- II. Dr. Yasir Altaf
- III. Dr. Dharam Chand

After detailed deliberations, the Board confirmed the action taken by Vice Chancellor and adopted the following resolution:

**“The action taken by Hon’ble Vice-Chancellor to approve three Assistant Professors of the Dept. of ES&CC, namely, Dr. Sumira Nazir Zaz and Dr. Yasir Altaf, Dr. Dharam Chand, as Ph.D Supervisors in the Department is ratified.”**

### **Supplementary Agenda of the 4<sup>th</sup> Board of Research Studies of the School of Sciences**

**Agenda S-1(4): To consider and approve the Introduction of Interdisciplinary Ph.D programme in the Dept. of Environment Sustainability & Climate Change (ES&CC) from the academic year 2024-25**

The DRC in its meeting held on 24-07-2024 has recommended the launch of Interdisciplinary Ph.D Program in the Department of Environment Sustainability & Climate Change (ES&CC) from the current academic session 2024-25. After detailed deliberation, the Board made following resolution:

**“Launch of Interdisciplinary Ph.D Program in the ES&CC from the current acadmic session 2024-25 is approved.”**

**Agenda S-2(4): Eligibility for Ph.D programme in ES&CC**

The DRC in its meeting held on 24-07-2024 has recommended that the Master’s Degree in concerned and allied subjects as eligibility for the admission to the Ph.D Program in the Department of Environment Sustainability & Climate Change.

**“With regard to Eligibility for Ph.D programme in ES&CC, the Board recommended that a committee under the Chairmanship of Dean Research with all Heads of SoS as its members is constituted. The committee shall submit its recommendations to Hon’ble Vice Chancellor for approval.”**

**Agenda S-3(4): Title of the PhD Degree to be awarded**

The DRC in its meeting held on 24-07-2024 has recommended that the format of the Ph.D Degree as “Doctorate in Science/Environmental Sciences” (Mention Subject at Masters Level) on the topic, “----” in the School of Sciences, IUST.

**“With regard to the title of the Ph.D dregree to be awarded, the Board recommended that a committee under the Chairmanship of Dean Research with all Heads of SoS as its members is constituted. The**



committee shall submit its recommendations to Hon'ble Vice-Chancellor for approval."

Sd/-

(Prof. Sheikh Javid Ahmed)  
Dean Research

Approved

Sd/-

**Vice Chancellor**

No. IUST/DR/4<sup>th</sup> BoRS-SoS/24/1776

Dated: 27-08-2024

\*\*\*\*\* End of Minutes of 4<sup>th</sup> BoRS Meeting of SoS \*\*\*\*\*

**Distribution:**

**Subject Experts:**

- Prof. Kowser Majid, Professor, Department of Chemistry, NIT Srinagar
- Prof. Anwar Hussan, Professor, Department of Statistics, University of Kashmir
- Prof. Neyaz Ahmad, Professor, Department of Mathematics, NIT, Srinagar
- Prof. Seemin Rubab, Professor, Department of Physics, NIT Srinagar
- Dr. Reyaz Ahmad Dar, Sr. Assistant Professor, Dept. of Earth Sciences, University of Kashmir
- Dr. Arshid Jehangir, Sr. Assistant Professor, Dept. of Environmental Sciences, University of Kashmir

**Internal Members:**

- Prof. A. H. Moon (Dean Academic Affairs, IUST)
- Prof. Sheikh Javid Ahmed (Dean Research, IUST)
- Prof. Abdul Wahid, Registrar, IUST (Special Invitee)
- Prof. Shakeel Ahmed, Visiting Professor, CDRR (Special Invitee)
- Dr. Rumaan Bashir, I/C, Controller of Examinations (Special Invitee)
- Dr. Aabid Hussain Shalla, I/C Dean, School of Sciences/HoD Chemistry
- Dr. Peer Bilal Ahmad, Head, Department of Mathematical Sciences, IUST
- Dr. Niyaz Ahmad Rather, Head, Department of Physics, IUST
- Dr. Irfan Maqbool Bhat, Coordinator, Centre for Disaster Risk Reduction (CDRR), IUST
- Dr. Sumira Nazir Zaz, Coordinator, Dept. of Environment Sustainability and Climate Change (DoES&CC), IUST
- Dr. Aga Shahee, Coordinator, Frontier Research Institute for Interdisciplinary Sciences (FRIIS), IUST
- Dr. Farooq Hussain Bhat, Assistant Professor, Department of Physics, IUST
- Dr. Manzoor Ahmad Dar, Assistant Professor, Department of Chemistry, IUST
- Dr. Bilal Ahmad Parra, Assistant Professor, Department of Mathematical Sciences, IUST
- Dr. Dharam Chand, Assistant Professor, Dept. of Environment Sustainability & Climate Change, IUST
- Dr. Shakeel Ahmad Khandy, Ramanujan Fellow, FRIIS, IUST
- Ms. Anjumun Rasool, Ph.D Scholar, Dept. of Chemistry (Scholar representative, School of Sciences)

**Copy to:**

- Special Secretary to Vice Chancellor for kind information of Hon'ble Vice Chancellor
- PA to Registrar for information of Registrar

  
27/8/24  
(Prof. Sheikh Javid Ahmed)  
Dean Research