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**DEPARTMENT OF GEOPHYSICS  
KURUKSHETRA UNIVERSITY KURUKSHETRA**

Minutes of the meeting of the PG Board in the Geophysics was held at 11.00 am on August 25, 2020 in the office of the Chairman, Deptt. of Geophysics, K.U. Kurukshetra.

The following members were present:-

- |    |                      |          |
|----|----------------------|----------|
| 1. | Prof. B.S. Chaudhary | Chairman |
| 2. | Prof. S.S. Teotia    |          |
| 3. | Prof. Dinesh Kumar   |          |
| 4. | Dr. R.C. Patel       |          |
| 5. | Dr. Manisha Sandhu   |          |
| 6. | Dr. Sushil Kumar     |          |

The following decisions were taken:-

1. The List of practical Examiners of M.Sc. (Tech.) Applied Geophysics 1<sup>st</sup>, 3<sup>rd</sup> and 5th Semester (2020-21) were discussed & approved as per Annexure-I (Confidential)

2. The revision of syllabus and scheme of examination alongwith the ordinance of M.Sc. (Tech.) Applied Geophysics I to VI Semester under CBCS/LOCF w.e.f. 2020-2021 in phased manner for UTD only was discussed thoroughly & finalized. This includes the POs with PSOs and COs their mapping and attainment also. The syllabus of following courses have been revised:-

Sr. No.	Course Code	Title of the course
1.	GP-202	Advanced Computing (New Course introduced)
2.	GP-203	Geophysical Signal Processing
3.	GP-204	Geophysical Fields and Waves
4.	GP-302	Gravity & Magnetic Prospecting
5.	GP-304	Electrical Prospecting
6.	GP-404	Geophysical Inversion
7.	GP-506	Computational Seismology
8.	GP-517	Artificial Intelligence & Machine Learning In Geophysics

3. The Ph.D. registration cases of Mr. Deepak, Ms. Monika and Mr. Abhishek were discussed and finalized as per details given below :-

Sr. No.	Name of the Candidate	Topic	Name of the supervisor
1.	Mr. Abhishek	Estimation of Source Parameters and Scaling Laws for Delhi NCR region	Dr. Manisha Sandhu
2.	Ms. Monika	The Evaluation of Seismic Hazard in Haryana and adjoining Region Using Deterministic Approach	Dr. Dinesh Kumar
3.	Mr. Deepak	Groundwater Assessment in Sonapat District, Haryana, India, using Geospatial and Geophysical Resistivity	Dr. B.S. Chaudhary

*B.S. Chaudhary*



4. The request of Mr. Manmohan research scholar regarding the inclusion of Dr. Manisha Sandhu, Asstt. Prof. as Co-supervisor for his Ph.D was considered and recommended.

**Justification for Joint-Supervision :-**

The Ph.D. problem of Mr. Manmohan involves tectonics & Fission Track studies along with seismotectonic study of region. Dr. Manisha has a good research experience in the field of seismotectonic. Keeping in view the expertise of Dr. Manisha, PGBOS has recommended her as co-supervision of Mr. Manmohan for his Ph.D.

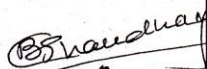
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Chairman

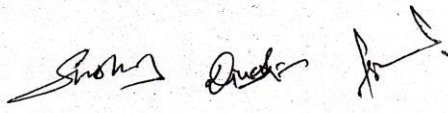
Endst No.GP/20/1077-1089

Dated:- 02-11-2020

Copy of the above is forwarded to the following for information and necessary action:-

1. Dean, Faculty of Science, KUK.
2. Prof. A.K. Saraf, Department of Earth Sciences, IIT, Roorkee.
3. Prof. M.L. Sharma, Dept. of Earthquake Engineering, I.I.T. Roorkee.
4. Prof. S.S. Teotia, Department of Geophysics, KUK.
5. Prof. Dinesh Kumar, Department of Geophysics, KUK.
6. Prof. R.C.Patel, Department of Geophysics, KUK.
7. Dr. Sushil Kumar, Asstt. Professor, Department of Geophysics, KUK.
8. Dr. Manisha, Asstt. Professor, Department of Geophysics, KUK.
9. A.R. (Academic), K.U.K.
10. Deputy Registrar (Secrecy), K.U.K.
11. Deputy Registrar (Conduct), K.U.K.
12. Deputy Registrar (Conduct) Ph.D. KUK.
13. Deputy Registrar (Ph.D. Regn.) KUK.

  
Chairman  
Department of Geophysics  
Kurukshetra University  
KURUKSHETRA-136119.





**DEPARTMENT OF GEOPHYSICS**  
**KURUKSHETRA UNIVERSITY KURUKSHETRA**  
(Established by the state Legislature Act XII of 1956)  
(‘A+’ Grade, NAAC Accredited)

**Minutes of the meeting of the PG Board in the Geophysics was held at 11.00 am on February 23<sup>rd</sup>, 2019 in the office of the Chairman, Deptt. of Geophysics, K.U. Kurukshetra.**

The following members were present:-

1.	Dr. B.S. Chaudhary	Professor & Chairman
2.	Dr. A.K. Saraf, Prof. IIT, Roorkee.	External Member
3.	Dr. S.S. Teotia	Professor
4.	Dr. Dinesh Kumar	Professor
5.	Dr. R.C. Patel	Professor
6.	Dr. (Mrs.) Manisha	Asstt. Prof.
7.	Dr. R.B.S. Yadav	Asstt. Prof.

The following decisions were taken:-

1. The List of practical Examiners of M.Sc. (Tech.) Applied Geophysics 2<sup>nd</sup> Semester and 4<sup>th</sup> Semester (2018-19) were discussed and finalized as per Annexure-I (Confidential). Board of studies authorized Chairman to appoint external examiner for viva-voce examination of Field Trainings and dissertation.

2. PGBOS considered the request of Mr. Arpan Shastri and recommended the following:-

(a) To change the Ph.D. topic from “Source Parameters Scaling and Kappa Values studies for Mainland, Gujrat Region” to **“Geophysical applications of INSAR interferometry”**.

(b) Dr. B.S. Chaudhary, Professor will be the Ph.D. guide in view of new topic. Dr. S.S. Teotia, professor, earlier Ph.D. guide has also given his consent for the same. Keeping in view of the new topic Dr. K.M. Srejith, Scientist, SAC, Ahmedabad will be the co-supervisor.

**Justification for Joint-Supervision:-**

The Ph.D. topic of the Candidate, Mr. Arpan Shastri is **“Geophysical applications of INSAR interferometry”** which involves usage of satellite data and GPS of Himalayan terrain. As it involves lot of computation, therefore, joint supervision is required as these facilities including data are available at SAC, ISRO, Govt. of India, Ahmedabad.

3. The PGBOS Discussed and approved revised Syllabus and Scheme of Examination of M.Sc. (Tech.) Applied Geophysics w.e.f. 2019-20.

4. The examiners for the evaluation of Ph.D. Thesis of Mr. Peush Chaudhary has been approved as per Annexure-II (Confidential).

The title of Ph.D. thesis of Mr. Peush Chaudhary is approved as follows:-

**“Subsurface Resistivity mapping of Kachhh Mainland uplift and little Rann of Kachhh, Gujrat, Western India using Magnetotellurics”.**

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5. Any other items:-

Under any other item, the examiners for the evaluation of Ph.D. Thesis of Mr. Mohit has been approved as per Annexure-III (Confidential).

The title of Ph.D. thesis of Mr. Mohit is approved as follows:-

**"REMOTE SENSING STUDIES FOR CORAL REEF MONITORING AND MANAGEMENT IN INDIAN REGION"**

Sd/-  
Chairman

Endst No.GP/19/131-142

Dated:- 25-02-2019

Copy of the above is forwarded to the following for information and necessary

action:-

1. Dean, Faculty of Science, KUK. *Praveen 27/2/19*
2. Prof. A.K. Saraf, Department of Earth Sciences, IIT, Roorkee.
3. Prof. M.L. Sharma, Dept. of Earthquake Engineering, I.I.T. Roorkee.
4. Prof. S.S. Teotia, Department of Geophysics, KUK. *in*
5. Prof. Dinesh Kumar, Department of Geophysics, KUK. *for*
6. Prof. R.C. Patel, Department of Geophysics, KUK. *for*
7. Dr. (Mrs.) Manisha, Asstt. Professor, Department of Geophysics, KUK. *Manisha*
8. Dr. R.B.S. Yadav, Asstt. Professor, Department of Geophysics, KUK. *for*
9. Deputy Registrar (Academic), K.U.K.
10. Deputy Registrar (Conduct), K.U.K.
11. Supdt. Ph.D. (Regn.), KUK. *27/2/19*
12. Deputy Registrar (Conduct), Ph.D. K.U.K. *27/02/19*

*for*  
Chairman  
Department of Geophysics  
Kurukshetra University  
KURUKSHETRA-136119.

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