M.Tech. in Materials Science Program is of TWO Years for Medical, Pharmaceutical Science, Dental Science, Engineering Students, and M.Sc., Degree holders. However, the course is of THREE Years for students from B.Sc., background. B.Sc., students can have a lateral exit after first four semesters (TWO Years) with M.Sc., Degree in Materials Science. Materials are the unacknowledged pillars of modern technology. The course is offered under Choice Based Credit System with continuous evaluation. Accordingly, several innovative subjects such as Materials Processing, Materials Characterization, Nanochemistry, Nanophysics, Materials for Energy Storage, Aerospace Materials, Industrial Crystallization, Thermochemical Modeling, etc. are offered to students from diversified background. The students are free to select any subject of their liking. The details of the credits and subjects offered are listed in the page Course Syllabus and available from the University website: www.uni-mysore.ac.in

M.Tech. in Materials Science was established by the Maharaja of Mysore, His Highness Nalvadi Krishnaraja Wodeyar, on July 27, 1916, and is the sixth oldest University in India. NAAC has accredited the University of Mysore with highest grade point in the state. The University of Mysore has a long established tradition in interdisciplinary and trans-border research involving Major departments like Physics, Chemistry, Earth Science, Environmental Science, Polymer Science, Biotechnology, and Microbiology working on the current topics in the frontier areas of
science including Materials Science. The senior faculty of these PG Departments and experts from National Laboratories are actively involved in teaching and training the M.Tech. Students with the state of the art facilities listed overleaf. The participating faculty members have proven strength through high-quality publications, trainings and sponsored research projects with national and international collaborations and consultancy services offered at various levels.

The M.Tech students are encouraged to work on a chosen Minor and Major projects from 3rd semester onwards. The syllabus at present consists of 11 hard core papers and 17 soft core papers. The details of the syllabus, and the scheme of examination (including the entrance examination) are available on the University of Mysore website given above.

**Terms and Conditions:**

Total number of seats : 30
Admission is purely based on all India basis and the marks obtained in the entrance exam. Other admission regulations are as per the CBCS regulations of University of Mysore 2010. Project internship can be pursued in any reputed lab or industry or institution in India or abroad.

Odd semester will be during August/September to December/Jan. Even semester will be during Feb/March to June/July.

**The Faculty:**

1. Prof. K Byrappa,
   Former Vice Chancellor of Mangalore University, Pro-Vice Chancellor, Adichunchanagiri University

2. Dr. S. Srikanthaswamy, Co-ordinator in M.Tech in Materials Science, Department of Studies in Environmental Science

3. Prof. R. Somashekar,

4. Prof. B. Basavalingu,

5. Prof. K.M. Lokanatha Rai,

6. Dr. M.Y. Sreenivasa, DOS in Microbiology

7. Dr. C.S. Ananda Kumar, Associate Professor, M.Tech in Materials Science

8. Dr. K.B. Harsha, Guest Faculty, M.Tech in Materials Science

**Facilities:**

1. X-ray Powder Diffractometer (Japan)
2. Scanning Electron Microscope (Japan)
3. Atomic Force Microscope (Italy)
4. BET Surface area analyser (Japan)
5. Viscometer (USA)
6. TG/DTA/DSC System (Switzerland)
7. Particles Size Analyzer (USA)
8. Meticon Prism Coupler (USA)
9. Contact Angle Analyzer FTA 200 (USA)
10. Electrochemical work station (USA)
11. Polarizing Microscope with CCD Camera (Japan)
12. HPLC (USA)
13. Microwave Reactors (USA)
14. Non-Linear Optics Laboratory set up with Fempto Second Laser (USA)
15. Flow Reactor for SCF technology (USA)
16. Rheometer (USA)

**Contact us:**

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**Administrative Office**

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