

Academic Audit Report

Session: 2009-2010

1. Name of Department : **School of Chemical Sciences**
2. No. of full time permanent faculty : **Eight (08)**
3. No. of part time /temporary/ contractual faculty : **Nil**
4. No. of PG / UG courses : **Three (03), M. Sc. Chemistry, M. Sc. Applied Chemistry, M. Sc. Pharmaceutical Chemistry**
5. No. of Research Publications : **14**
6. Strengths :
 - (1) **Strong research group in the fields of Nanomaterials, Catalysis, Organic/ Inorganic Synthesis, stochastic formulation of chemical reactions, and theoretical chemistry**
 - (2) **Provides high quality education and training for high flying careers in Chemical Sciences.**
 - (3) **Theoretical and practical knowledge of Instrumental Techniques, Interpretation of various types of spectra. Nuclear Magnetic Resonance (NMR) Electron, Spin Resonance (ESR), Infrared (IR), Ultraviolet-Visible (UV-Visible), Mossbauer, Mass Spectrometry.**
 - (4) **Highly qualified and motivated internationally and nationally recognized faculty with a strong commitment to research.**
 - (5) **Credible approach for opportunity management for students through exhaustive support from faculty members and alumni.**
7. Weaknesses :
 - (1) **Limited availability of brilliant and talented students pursuing science in recent years.**
 - (2) **Disparity in the intellectual levels of students so that learning group is indeed heterogeneous rather than composite.**
 - (3) **Inadequate infrastructure for overall academic activities and non availability of departmental auditorium.**
 - (4) **Inadequate availability of support personnel for office work.**
 - (5) **Dependence on other institutes for sophisticated instrumental facility.**
8. Recommended actions on Academic Audit Report:
Intensification of research activities with greater focus on emerging areas

(Signature of IQAC Coordinator of the Department)

(Signature of Director, IQAC)

Academic Audit Report

Session: 2010-2011

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4. No. of PG / UG courses : **Three (03), M. Sc. Chemistry, M. Sc. Applied Chemistry, M. Sc. Pharmaceutical Chemistry**
5. No. of Research Publications : **17**
6. Strengths :
 - (1) **Strong research group in the fields of Nanomaterials, Catalysis, Organic/ Inorganic Synthesis, stochastic formulation of chemical reactions, and theoretical chemistry**
 - (2) **Provides high quality education and training for high flying careers in Chemical Sciences.**
 - (3) **Theoretical and practical knowledge of Instrumental Techniques, Interpretation of various types of spectra. Nuclear Magnetic Resonance (NMR) Electron, Spin Resonance (ESR), Infrared (IR), Ultraviolet-Visible (UV-Visible), Mossbauer, Mass Spectrometry.**
 - (4) **Highly qualified and motivated internationally and nationally recognized faculty with a strong commitment to research.**
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8. Recommended actions on Academic Audit Report:
 - **Strong need for exhaustive revision and upgradation of curriculum**
 - **Plan for organizing a National seminar**

(Signature of IQAC Coordinator of the Department)

(Signature of Director, IQAC)

Academic Audit Report

Session: 2011-2012

1. Name of Department : **School of Chemical Sciences**
2. No. of full time permanent faculty : **Eight (08)**
3. No. of part time /temporary/ contractual faculty : **Nil**
4. No. of PG / UG courses : **Three (03), M. Sc. Chemistry, M. Sc. Applied Chemistry, M. Sc. Pharmaceutical Chemistry**
5. No. of Research Publications : **27**
6. Strengths :
 - (1) **Strong research group in the fields of Nanomaterials, Catalysis, Organic/ Inorganic Synthesis, stochastic formulation of chemical reactions, and theoretical chemistry**
 - (2) **Provides high quality education and training for high flying careers in Chemical Sciences.**
 - (3) **Theoretical and practical knowledge of Instrumental Techniques, Interpretation of various types of spectra. Nuclear Magnetic Resonance (NMR) Electron, Spin Resonance (ESR), Infrared (IR), Ultraviolet-Visible (UV-Visible), Mossbauer, Mass Spectrometry.**
 - (4) **Highly qualified and motivated internationally and nationally recognized faculty with a strong commitment to research.**
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 - (4) **Inadequate availability of support personnel for office work.**
 - (5) **Dependence on other institutes for sophisticated instrumental facility.**
8. Recommended actions on Academic Audit Report:
In the light of the exercise of revision and upgradation of curriculum, which has been done very recently, academic furtherance activities need to be undertaken.

(Signature of IQAC Coordinator of the Department)

(Signature of Director, IQAC)

Academic Audit Report

Session: 2012-2013

1. Name of Department : **School of Chemical Sciences**
2. No. of full time permanent faculty : **Eight (08)**
3. No. of part time /temporary/ contractual faculty : **Nil**
4. No. of PG / UG courses : **Three (03), M. Sc. Chemistry, M. Sc. Applied Chemistry, M. Sc. Pharmaceutical Chemistry**
5. No. of Research Publications : **34**
6. Strengths :
 - (1) **Strong research group in the fields of Nanomaterials, Catalysis, Organic/ Inorganic Synthesis, stochastic formulation of chemical reactions, and theoretical chemistry**
 - (2) **Provides high quality education and training for high flying careers in Chemical Sciences.**
 - (3) **Theoretical and practical knowledge of Instrumental Techniques, Interpretation of various types of spectra. Nuclear Magnetic Resonance (NMR) Electron, Spin Resonance (ESR), Infrared (IR), Ultraviolet-Visible (UV-Visible), Mossbauer, Mass Spectrometry.**
 - (4) **Highly qualified and motivated internationally and nationally recognized faculty with a strong commitment to research.**
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 - (4) **Inadequate availability of support personnel for office work.**
 - (5) **Dependence on other institutes for sophisticated instrumental facility.**
8. Recommended actions on Academic Audit Report:
 - **Strong need for introduction of new elective courses such as Physical Organic Chemistry and incorporation of Nanoscience in the core course of Solid State Chemistry**
 - **Rigorous use of ICT is recommended**

(Signature of IQAC Coordinator of the Department)

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