



SRI Y. N. COLLEGE (AUTONOMOUS)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

Accredited by NAAC with **A⁺** Grade (4th Cycle)



Narsapur - 534275, West Godavari District, Andhra Pradesh

Department of Electronics

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	Introduction of Indian knowledge Systems relevant to Electronics and Cognitive Science	An Exploratory Course on Ancient Indian Foundations of Electronics and Cognitive Science: Insights from Indian Knowledge Systems under the framework of the National Education Policy (NEP) 2020.
2	Educate students on the importance of maintaining a healthy balance	The Digital Wellbeing Initiative was launched, offering workshops, seminars, and online resources to raise awareness about digital wellness and equip students with strategies for maintaining a healthy relationship with technology.
3	Establish a peer tutoring programme where senior students can mentor and assist junior students.	A peer tutoring programme was launched, pairing experienced senior students with juniors to provide academic guidance and support.
4	Offer flexible learning options, such as online courses or evening classes,	The department expanded its course delivery methods to

	to accommodate diverse student needs.	include online courses and evening classes, providing greater flexibility for students.
5	Facilitate regular interactions between students and faculty members outside of the classroom.	The department encouraged faculty members to engage in informal interactions and office hours to build stronger relationships with students.



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Principal

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Narsapur - 534275, West Godavari District, Andhra Pradesh

Department of Physics

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	<p>MECHANICS, WAVES AND OSCILLATIONS</p> <p>1. Motion in a Central Force Field: Basic idea of Global Positioning System (GPS), weightlessness, Physiological effects of astronauts</p> <p>2. Coupled oscillations: (05 hrs) Coupled oscillators-Introduction, Two coupled oscillators, Normal coordinates and Normal modes- N-coupled oscillators and wave equation.</p> <p>3. Complex vibrations: Fourier theorem and evaluation of the Fourier coefficients, analysis of periodic wave functions-square wave.</p>	<p>MECHANICS, WAVES AND OSCILLATIONS</p> <p>1. Motion in a Central Force Field: Basic idea of Global Positioning System (GPS), weightlessness, Physiological effects of astronauts</p> <p>2. Coupled oscillations: (05 hrs) Coupled oscillators-Introduction, Two coupled oscillators, Normal coordinates and Normal modes- N-coupled oscillators and wave equation.</p> <p>3. Complex vibrations: Fourier theorem and evaluation of the Fourier coefficients, analysis of periodic wave functions-square wave.</p>
2	<p>WAVE OPTICS</p> <p>Interference of light: Lloyd's single mirror, Phase change on reflection-Stokes' treatment. Diffraction of light Explanation of rectilinear propagation of light. Polarisation of light: Basic principle of LCDs.</p>	<p>WAVE OPTICS</p> <p>Interference of light: Lloyd's single mirror, Phase change on reflection-Stokes' treatment. Diffraction of light Explanation of rectilinear propagation of light. Polarisation of light: Basic principle of LCDs.</p>

3	WAVE OPTICS Astigmatism -- Curvature of field – distortion. 1. Calculation of longitudinal chromatic aberration of a thin lens 2. Non reflecting films 3. Semi conductor laser -- Laser characteristics HEAT & THERMODYNAMICS 4. Thermodynamics-scale of temperature. 5. Characteristics of Ideal Refrigerant 6. Principle of refrigeration	WAVE OPTICS Astigmatism -- Curvature of field – distortion. 1. Calculation of longitudinal chromatic aberration of a thin lens 2. Non reflecting films 3. Semi conductor laser -- Laser characteristics HEAT & THERMODYNAMICS 4. Thermodynamics-scale of temperature.
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	7. Vapour compression type refrigerator 8. Degrees of freedom 9. Thermodynamic scale of temperature and its identity with perfect gas scale	5. Characteristics of Ideal Refrigerant 6. Principle of refrigeration 7. Vapour compression type refrigerator 8. Degrees of freedom 9. Thermodynamic scale of temperature and its identity with perfect gas scale
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5	ELECTRICITY, MAGNETISM AND ELECTRONICS <ol style="list-style-type: none"> 1. Electric Flux 2. Polar and non-polar dielectrics in an electric field 3. Magnetic Shell, 4. Divergence and curl of magnetic field 5. Qualitative treatment, 6. Magnetic properties of dia, para and Ferro magnetic materials 7. Langevins theory of para magnetism 8. Weiss theory of Ferro magnetism 9. Energy losses and efficiency. 10. Construction of single phase ac motor, 11. Construction of single phase dc motor. 12. Band theory of solids (qualitative) – Intrinsic and extrinsic semi conductors. Hybrid parameters, Determination of hybrid parameters from transistor characteristics	ELECTRICITY, MAGNETISM AND ELECTRONICS <ol style="list-style-type: none"> 1. Electric Flux 2. Polar and non-polar dielectrics in an electric field 3. Magnetic Shell, 4. Divergence and curl of magnetic field 5. Qualitative treatment, 6. Magnetic properties of dia, para and Ferro magnetic materials 7. Langevins theory of para magnetism 8. Weiss theory of Ferro magnetism 9. Energy losses and efficiency. 10. Construction of single phase ac motor, 11. Construction of single phase dc motor. 12. Band theory of solids (qualitative) – Intrinsic and extrinsic semi conductors. Hybrid parameters, Determination of hybrid parameters from transistor characteristics
6	MODERN PHYSICS <ol style="list-style-type: none"> 1. Bohr's atomic theory, 2. Spectra of Hydrogen, 3. Spectral terms and spectral notations, Selection rules, Intensity rules 4. Photoelectric effect-Einstein photoelectric equation. 5. Stability of atom. 6. Bohr's principle of complementarity 7. Limitations of old quantum theory. 	MODERN PHYSICS <ol style="list-style-type: none"> 1. Bohr's atomic theory, 2. Spectra of Hydrogen, 3. Spectral terms and spectral notations, Selection rules, Intensity rules 4. Photoelectric effect-Einstein photoelectric equation. 5. Stability of atom. 6. Bohr's principle of complementarity



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Department of Fashion Technology and Apparel Designing

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	More practical sessions needed to make students industry-ready.	Faculty members instructed to incorporate more practical-oriented sessions and workshops (e.g., Advanced draping techniques).
2	The syllabus needs to be updated to include recent trends and emerging concepts in fashion technology.	A comprehensive review was conducted, and new topics such as sustainable fashion practices into the curriculum.
3	Encourage more industry interactions, guest lectures, and mandatory internships.	Increased collaborations with local export houses and fashion firms for industrial visits and internships. Industry experts were invited for guest lectures.
4	The curriculum needs to balance theory and practical application more effectively.	Certain subjects were revised to ensure a 40:60 theory-to-practical ratio, with project-based learning emphasized.
5	Introduce skill enhancement courses to improve presentation and communication skills.	A mandatory "Professional Communication and Portfolio Development" short course was introduced for students.



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Department of Chemistry

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	Community Service projects	Students are doing Community service projects after II semester
2	Short term internships	Students are doing short term internships after IV semester
3	Long term internships	Students are doing long term internships in the VI semester
4	The depth of the course content is adequate in relation to the expected course outcomes.	The teaching strategies were put into practice in accordance with the course outcomes.
5	Courses Should be helpful in Industrial Area.	Curriculum Revised Including all the Suggested Changes.
6	Students must be encouraged to take Higher Education and must be well informed of the opportunities in the field of Chemistry	Career Prospect Classes were conducted for the Final Year Students.



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Department of Mathematics and Statistics

Action Taken Report on Design and Review of Syllabus 2024-25

S.No	Suggestions Offered	Action Taken
1	Latest developments in the Mathematics were lacking in the curriculum.	Each Course was updated with latest developments in the Revised Syllabus.
2	The depth of the course content is adequate in relation to the expected course outcomes.	The teaching strategies were put into practice in accordance with the course outcomes.
3	Courses Should be helpful in problem solving.	Curriculum Revised Including all the Suggested Changes.
4	Students must be encouraged to take Higher Education and must be well informed of the opportunities in the field.	Career Prospect Classes were conducted for the Final Year Students.
5	Internship Opportunities for Students.	Students are encouraged to do internship during Semester Break.



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Department of Zoology and Fisheries

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	Emerging developments in the field of Aquaculture were lacking in the curriculum.	Each Course was updated with latest developments in the Revised Syllabus.
2	The depth of the course content is adequate in relation to the expected course outcomes.	The teaching strategies were put into practice in accordance with the course outcomes.
3	Courses Should be helpful in Industrial Area.	Curriculum Revised Including all the Suggested Changes.
4	Students must be encouraged to take Higher Education and must be well informed of the opportunities in the field.	Career Prospect Classes were conducted for the Final Year Students.
5	Internship Opportunities for Students.	Students are encouraged to do internship during Semester Break.



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Department of Commerce

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S. No	Suggestions Offered	Action Taken
1	Emerging developments in the industrial field were lacking in the curriculum.	Each Course was updated with latest developments in the Revised Syllabus.
2	The depth of the course content is adequate in relation to the expected course outcomes.	The teaching strategies were put into practice in accordance with the course outcomes.
3	Courses Should be helpful in Industrial Area.	Curriculum Revised Including all the Suggested Changes.
4	Students must be encouraged to take Higher Education and must be well informed of the opportunities in the field.	Career Prospect Classes were conducted for the Final Year Students and they were well informed of the opportunities in the field
5	Internship Opportunities for Students.	Students are encouraged to do internship during Semester Break.



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Department of History

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	The depth of the course content is adequate in relation to the expected course outcomes.	The teaching strategies were put into practice in accordance with the course outcomes.
2	Courses Should be helpful in Historical – Field trips	Curriculum Revised Including all the Suggested Changes.
3	Students must be encouraged to take Higher Education and must be well informed of the opportunities in the field.	Career Prospect Classes were conducted for the Final Year Students.
4	Community service project, short term internship, long term Internship Opportunities for Students.	Students are encouraged to do internship during Semester Break and also VI Semester students are going to long term internship project, submit the Record book and then Viva



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Department of Management Studies

Action Taken Report on Design and Review of Syllabus 2024-25

S. No	Suggestions Offered	Action Taken
1	There must be a provision for doing Projects by exclusively using secondary data like data furnished in the Company websites.	It is resolved to direct the MBA students to do project works by accessing the Balance sheets furnished in the company websites.
2	It is advised to direct the MBA students to do Online Certifications through SWAYAM Portal.	It is resolved to motivate the students to do Online Certifications through SWAYAM Portal.
3	It is suggested to avoid redundant topics in different subjects.	It is accepted to remove the redundant topics in different subjects.



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