



**Sher-e-Kashmir  
University of Agricultural Sciences  
& Technology of Kashmir**

Main Campus, Shalimar, Srinagar Kashmir (J&K) India-190025



# WORKING MODEL OF

**National Education  
Policy -2020**

**For Agriculture Education  
Institutions**

**To groom the next-gen graduates  
who shall steer technology driven  
agri-economy in India**

## Restructured Under graduate Curriculum as per NEP-2020

- Flexible Choice based and Inter-disciplinary
- Multiple entry and exit system with Certificate & Diploma at 1 and 2 years of exit respectively.
- Modular re-arrangement of courses to facilitate degree by design.
- Promotion of soft, business & entrepreneurial, creative & innovation and higher order skills
- National, International and Industrial internships

### Structure of UG Curriculum in line with NEP-2020

SNo	Particulars	Credits	Semester	Activity	Outcome	Remarks
1	<b>Foundation Programme for Freshers</b>	2	Ist 2 weeks after admission	<ul style="list-style-type: none"> <li>• Transition from School to College Life</li> <li>• Exposure to Life Skills Platform to explore latent capabilities</li> </ul>	<ul style="list-style-type: none"> <li>• Mine Individuality and Creativity of each student</li> <li>• Awareness about vision mission and goal of University</li> <li>• Development of life skills</li> <li>• Awareness of Social responsibility</li> </ul>	
2	<b>Core Courses</b>	120	I-VII <sup>th</sup>	<ul style="list-style-type: none"> <li>• Theory &amp; Practical Research based Pedagogy</li> </ul>	<ul style="list-style-type: none"> <li>• Building Fundamental Knowledge and Skill in Core discipline</li> </ul>	
3	<b>Designer Courses (Choice based skill courses)</b>	20	I-IV <sup>th</sup>	<ul style="list-style-type: none"> <li>• Very less theory, mostly practical</li> </ul>	<ul style="list-style-type: none"> <li>• Skilling students in a particular trade for entrepreneurship/ start-ups</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Alternate &amp; Improved form of Experiential Learning Programme</b></li> <li>• Facilitates Degree by Design and Exit with Practical Skill</li> </ul>
4	<b>Soft Skill Courses</b>	5	II-VI <sup>th</sup>	<ul style="list-style-type: none"> <li>• Leadership, Communication, Arts</li> </ul>	<ul style="list-style-type: none"> <li>• Personality development</li> </ul>	
5	<b>Higher order Skills</b>	10	III-VI <sup>th</sup>	<ul style="list-style-type: none"> <li>• Data Science, AI&amp;ML, IoT GIS&amp; RS, Precision Agriculture, Crispar CAS, Phenomics</li> </ul>	<ul style="list-style-type: none"> <li>• Exposure to new-age technologies</li> </ul>	<ul style="list-style-type: none"> <li>• Drive Agri-4.0 Revolution</li> </ul>
6	<b>Study Tours</b>	1	VII <sup>th</sup> & VIII <sup>th</sup>	<ul style="list-style-type: none"> <li>• Work in Industry/ Lab/Field Exposure to real life situations</li> </ul>	<ul style="list-style-type: none"> <li>• Increased Confidence Practical Exposure</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Alternate &amp; Improved version of RAWE</b></li> </ul>
	<b>Internship/ Industry/ Lab attachment</b>	5				
	<b>Project Work</b>	4				
7	<b>Deep Rural Exploration</b>	10		<ul style="list-style-type: none"> <li>• Stay in village &amp; have firsthand experience of rural life</li> </ul>	<ul style="list-style-type: none"> <li>• First hand exposure to Issues concerning farmers</li> </ul>	
8	<b>Audit Courses through Online Platforms (MOOCs)</b>	Flexible	I-VIII <sup>th</sup>	<ul style="list-style-type: none"> <li>• On-line studies</li> </ul>	<ul style="list-style-type: none"> <li>• Add value to degrees</li> </ul>	<ul style="list-style-type: none"> <li>• MOOCS, SWAYAM, NPTEL, Coursera &amp; other on-line and Distance Learning courses</li> </ul>

## Structure of our UG Programmes in alignment with the NEP (2020)

Year	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total	Remarks
<b>Foundation Course</b>	02	-	-	-	<b>02</b>	Two weeks of informal interaction to help students explore & identify their inherent capabilities and help transition from School to College Life
<b>Core Courses Domain Specific</b>	33	30	40	20	<b>123</b>	Competency in core courses specific to the degree programme of the student.
<b>Skill Course Modules</b>	10	10	-	-	<b>20</b>	Choice-based skill modules to churn skilled workforce exiting with certificate courses and entrepreneurs exiting with diploma
<b>Life skills</b>	<ul style="list-style-type: none"> <li>• Educational Tour (0+1)</li> <li>• Industry Externship/ Institutional attachment (0+5)</li> <li>• Project Work (0+2)</li> <li>• Deep Rural Exploration (0+5)</li> </ul>				<b>13</b>	Cultivating personal life skills, viz., Critical and creative thinking problem solving and interpersonal skills, self reflections etc
<b>Elective Courses AGRI-4.0 Technologies</b>	--	--	--	10	<b>10</b>	The University shall decide about the elective courses based on their strengths and need to skill students in new-age technologies that drive Agri-4.0 revolution viz Data Science, AI&ML, IoT GIS& RS, Precision Agriculture, CRISPAR-Cas, Phenomics, Genomics etc
<b>Soft Skills</b>					<b>05</b>	For honing the skills related to personality development, communication, team work and leadership
<b>Audit Courses</b>	2/3	2/3	2/3	1/2	<b>10</b>	Students can leverage ABC for credit mobility by taking online courses on SWAYAM, MOOCS, QS Ranked Universities, Top ranking Indian Universities and Institutes like IITs, AIIMS, IIMS, IISc etc. Student can earn these credits at any stage of the degree programme and claim them through ABC.
<b>Total</b>	<b>47-48</b>	<b>44-48</b>	<b>44-48</b>	<b>44-48</b>	<b>183</b>	



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