

**Mahamaya College of Agricultural Engineering & Technology, Ambedkar Nagar  
(N.D.University of Agricultural Engineering and Technology, Kumarganj, Faizabad)**

The Mahamaya College of Agricultural Engineering and Technology (MCAET) a constituent college of N.D.University of Agricultural and Technology, Kumarganj, Faizabad was established in 2002 by the elevation of Department of Agricultural Engineering of College of Agriculture. The college was shifted in its newly constructed building at Ambedkar Nagar during 2005. The college is located at 5 km away from Akabarpur proper on Akabarpur–Faizabad road and is at a distance of 100 km. from the University Head Quarter, Kumarganj, Faizabad. College is functioning with its mandates, mission and objectives acquainting rural people of Uttar Pradesh in particular and of country in general in the field of Agricultural Engineering and Technology. The Academic and residential campus of the college is spread over on an area of about 7 acres. The College imports every year undergraduate degree programme in (B.Tech.) in Agricultural Engineering, Mechanical Engineering and Computer Science & Engineering with intake capacity of sixty, forty and forty students, respectively.

**Department:**

1. Department of Farm Machinery & Power Engineering.
2. Department of Soil & Water Conservation Engineering.
3. Department of Irrigation & Drainage Engineering.
4. Department of Agro Processing and Rural Industries.
5. Department of Agriculture Structure & Rural Engineering.
6. Department of Mechanical Engineering.
7. Department of Computer Science & Engineering.

**Faculty Members:**

S.No.	Name	Designation and Department	Mobile No	Residential address
1	Dr. R.D.S.Yadav	Dean	9454212742	Bramhbaba (Naka) , Allahabad road , Faizabad (U.P.) -224001
2	Er. Mahendra Rai	Assoc.Prof./HOD Deptt. of Soil & Water Conservation Engineering	9984991962	7/9/132C Naka Chungi Faizabad-224001
3	Dr.R.K. Mehta	Assoc.Prof./HOD Deptt. of Irrigation & Drainage Engineering	9415580524	H.N. A-4, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) - 224122
4	Er. Rajmani	Asstt. Prof. Deptt. of Agricultural Structure & Rural Engineering	9415966813	H.N. 7/7/173(H) New colony lalbagh, Faizabad (U.P.) -224001
5	Er.Ramjeet Singh	SMS/ Assoc.Prof. Deptt. of Farm Machinery	9415719422	Krishna Nagar Colony, Janaura Faizabad. (U.P.) 224001.

		& Power Engineering		
6	Er. R.B. Gautam	Asstt. Prof. Department of Agro Processing and Rural Industries.	9919109388	H.N. A-5, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) - 224122

**Staff Information:**

S.No.	Name	Designation	Mobile No	Residential address
1	Sri AkhileshPratap Singh	Foreman	9415720196	H.N. B-10, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
2	Vinod Kumar Tiwari	Draftsman	8423531903	H.N. C-12, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
3	Syed Ahmad Raja Jaidey	Sr.Asstt.	9415376516	Village and post Sikandarpurdist-Ambedkar Nagar
4	Ajay Singh	Catloger	9532300124	Naka Chungi Faizabad-224001
5	Krishant Kant Yadav	Lab Asstt.	9415188112	7/14/16D/1 Krishna Nagar colony, Faizabad. (U.P.)-224001
6	Sri Manish K Srivastava	Account Clk	9838417006	105, Bari Devkali ,Jail road Faizabad-224001
7	Sri MadanLal	Welder	8948147503	H.N. B-15, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
8	Sri VishwanathVerma	Mechanic	9450763896	Vill-Medri,post-surapur, Dist-Ambedkar Nagar
9	Sri Shiv Mohan Verma	Mechanic	9984725221	H.N. C-15, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
10	Sri Mohd. Naim Khan	Jr. Clerk	9628048595	Village and post-ChalaunaDist-Sultanpur.
11	Sri ToshmanVishwakarma	TrctDriver	9838368814	H.N. C-16, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
12	Sri PermeshwarVishwakarma	Fitter	9044487210	H.N. B-13, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
13	Sri Jagdish Prasad	Black Smith	8795783661	H.N. C-13, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
14	Sri Arjun Sharma	Carpenter	8604115641	H.N. C-2, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
15	Sri B.K.Mishra	Wireman	7800265012	M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
16	Sri Gama Prasad	Security Guard	8115579534	H.N. D-21, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
17	Sri RaghubarDyal	Security Guard	8726984389	H.N. D-20, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122

18	Sri RadheyShyam	Security Guard	7376262586	H.N. D-18, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
19	Sri Shobha Ram	Attendant	9839208442	H.N. C-147, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
20	Sri SudahnshuPandey	Attendant	9919592509	19/3/63 VashudeoGhatAyodhya Faizabad.
21	Km. ShilpaVerma	Attendant	8115489135	H.N. C-4, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
22	Sri ImrtiLal	Sweeper	-	H.N. D-26, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122
23	Sri Mitai	Sweeper	-	H.N. D-28, M.C.A.E.T. Campus Near-Shiv Baba P.O.-Akabarpur, Dist-Ambedkarnag (U.P.) -224122

<b>I SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	Math-111	Introductory Math (for I.S.C. Ag only)	2 (2+0)
2	PHY-111	Elementary physics (for I.S.C. Ag only)	2 (1+1)
3	Ag-111	Agriculture for engineers (for I.S.C. PCM/BIO group)	4 (3+1)
4	Chem-111	Engineering chemistry	3 (2+1)
5	ME-111	Workshop Practice	1 (0+1)
6	ASRE-111	Surveying an leveling	3 (1+2)
7	ME-112	Engineering Drawing	2 (0+2)
8	CE-112	Environmental Science	3 (3+0)
9	AE-111	Agri-Business management and trade	3 (3+0)
10	COE-111	Work Programme	1 (0+1) NC
11	LIB-111	Use of Scientific and Technical Literature	1 (1+0)
<b>Total Credit hrs</b>			<b>20 (13+7)</b>

**Courses:**

**SEMESTER WISE COURSE DISTRIBUTION FOR B.TECH.(AGRICULTURAL ENGINEERING)**

<b>II SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	MATH-121	Engineering Mathematics-I	3 (3+0)
02	COMP-121	Computer programming & data structures	3 (1+2)
03	PHY-121	Engineering Physics	3 (2+1)
04	ME-121	Workshop Technology	3 (2+1)
05	ME-122	Thermodynamics & heat Engine	4 (3+1)

06	FMPE-121	Field operation and Maintenance of tractors & Farm Machinery-I	1 (0+1)
07	CE-121	Engineering Mechanics	3 (2+1)
08	ASRE-121	Design of structures	3 (2+1)
		<b>Total</b>	<b>23 (15+8)</b>

<b>III SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	APRI-211	Engineering Properties of Biological Material and Food Quality	3 (2+1)
2	CE-211	Soil Mechanics	3 (2+1)
3	SWCE-211	Soil and water conservation Engineering	3 (2+1)
4	FMPE-211	Farm Machinery and equipment-I	3 (2+1)
5	FMPE-212	Farm Power	3 (2+1)
6	SWCE-212	Water shed Hydrology	3 (2+1)
7	MATH-211	Engineering Mathematics-II	3 (3+0)
8	EE-211	Electrical Circuit	3 (2+1)
		<b>Total credit hrs</b>	<b>24 (17+7)</b>

<b>IV SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	FMPE-221	Farm Machinery & Equipment-II	3 (2+1)
02	Math-221	Engineering Mathematics-III	3 (2+1)
03	IDE-221	Irrigation engineering	4 (3+1)
04	APRI-221	Crop Process Engineering	3 (2+1)
05	CE-221	Fluid Mechanics	3 (2+1)
06	ME-221	Theory of Machines	3 (2+1)
07	ME-222	Heat and mass transfer	2 (2+0)
08	FMPE-222	Field operation and Maintenance of Tractors & Farm Machinery-II	2 (1+1)
		<b>Total</b>	<b>23 (16+7)</b>

<b>V SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	ME-311	Machine drawing and computer graphics	3 (1+2)
2	ME-312	Machine Design	3 (2+1)
3	ME-313	Refrigeration and air conditioning	3 (2+1)
4	FMPE-311	Tractor system and Control	3 (2+1)
5	EE-311	Electrical machines and power utilization	3 (2+1)
6	Comp-311	Data Base management and internet application	2 (0+2)
7	CE-311	Strength of Material	3 (2+1)
8	IDE-311	Ground water, Well and Pumps	3 (2+1)
		<b>Total Credit hrs</b>	<b>23 (13+10)</b>

<b>VI SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	ASRE-321	Agricultural structure and environmental control	3 (2+1)

02	APRI-321	Drying and storage Engineering	4 (3+1)
03	EE-321	Applied Electronics and Instrumentation	3 (2+1)
04	IDE-321	Drainage Engineering	2 (1+1)
05	SWCE-321	Soil and Water Conservation structures	3 (2+1)
06	APRI-322	Dairy and Food Engineering	3 (2+1)
07	ENG-321	Entrepreneurship development and communication skill	3 (2+1)
08	FMPE-321	Renewable energy sources	3 (2+1)
		<b>Total</b>	<b>24 (16+8)</b>

<b>VII SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	Project	Project	6 (0+6)
2	Seminar	Seminar	01 (0+1)
		<b>CAFETERIA COURSES</b>	
i	APRI-411	Food Packaging Technology	3 (2+1)
ii	ASRE-413	Remote sensing and GIS Application	3 (2+1)
iii	IDE-411	Micro Irrigation System Design	3 (2+1)
iv	SWCE-413	Reservoir and Farm Ponds Design	3 (2+1)
V	FMPE-413	Farm Power and Machinery Management	3 (2+1)
		<b>Total Credit hrs</b>	<b>22 (10+12)</b>

<b>VIII SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01		In-Plant Training	25 (0+25)
		<b>Total</b>	<b>25 (0+25)</b>

#### **SEMESTER WISE COURSE DISTRIBUTION FOR B.TECH.(MECHANICAL ENGINEERING)**

<b>I SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	BPM-111	Engg. Mathematics-1	3 (3+0)
2	BPC-111	Engineering Chemistry-II	2 (1+1)
3	TCE-111	Solid Mechanics	4 (3+1)
4	BPP-111	Physics-1	3 (2+1)
5	TME-111	Thermodynamics and Heat Engines	4 (3+1)
6	TCP-111	Introduction to computer and Programming	3 (1+2)
7	TWP-111	Work Programme	1 (0+1)
		<b>Total credit hrs</b>	<b>20 (13+7)</b>

<b>II SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	BPC-121	Engineering Chemistry-I	3 (2+1)
02	BPP-121	Physics-II	3 (2+1)
03	BPM-121	Engineering Mathematics-II	4 (4+0)
04	TCE-121	Engineering Drawing	2 (0+2)

05	TPE-121	Workshop Practice	2 (0+2)
06	BHS-121	Technical Writing	3 (2+1)
07	TME-121	Internal combustion Engines	4 (3+1)
		<b>Total</b>	<b>21 (13+8)</b>

<b>III SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	TEE-211	Principle of Electrical Engg.	4 (3+1)
2	TPE-211	Material Science	3 (2+1)
3	BPM-211	Engg. Mathematics-III	3 (3+0)
4	TCE-211	Fluid Mechanics	3 (2+1)
5	TCP-211	Programming in FORTRAN and C	4 (3+1)
6	TME-211	Kinematics of machines	3 (2+1)
7	NSS-211	NSS	2 (0+2)
		<b>Total credit hrs</b>	<b>20 (15+5)</b>

<b>IV SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	TEE-221	Basic Electronics	3 (2+1)
02	TME-221	Manufacturing Process	4 (3+1)
03	TME-222	Theory of fluid flow	3 (2+1)
04	TME-223	Machine Drawing	2 (0+2)
05	BPM-221	Probability statistics and Queing Model	2 (2+0)
06	TME-224	Measurement & Control	4 (3+1)
07	TME-225	Numerical Methods for Mechanical Engineers	2 (1+1)
		<b>Total</b>	<b>20 (13+7)</b>

**B. Tech. (Mechanical Engg.) 3<sup>rd</sup> year**

<b>V SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	TME-311	Strength of material	4 (3+1)
2	TME-312	Heat and Mass Transfer	4 (3+1)
3	TME-313	Fluid Machinery & system-I	4 (3+1)
4	TME-314	Refrigeration and Air Conditioning	4 (3+1)
5	TME-315	Theory of Machines	4 (3+1)
		<b>Total</b>	<b>20 (15+5)</b>

<b>VI SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	TME-321	Mechanical Vibrations	4 (3+1)
02	TME-322	Fluid Machinery & System-I	4 (3+1)
03	TPE-321	Industrial Economics	3 (3+0)
04	TPE-322	Production Engineering	4 (3+1)
05	TME-323	Machine Design-I	4 (3+1)
06	TPE-323	Work study	3 (3+0)
07	TME-324	Practical Training	30 days
		<b>Total</b>	<b>22 (18+4)</b>

Note:- Training shall be completed in semester break.

<b>VII SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	TME-411	Power plant engineering and energy conversion	4 (3+1)
2	TPE-411	Industrial organization & management	3 (3+0)
3	TME-412	Machine Design-II	4 (3+1)
4	TME-413	Computer aided Design	3 (1+2)
5	TME-414	Automobile Engineering	4 (3+1)
6	TME-415 (A)	Project-(A)	2 (0+2)
		<b>Total</b>	<b>20 (13+7)</b>

### ELECTIVE COURSES (ANY THREE)

<b>VIII SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	TME	Open Elective-I	4 (3+1)
02	TME	Open Elective-II	4 (3+1)
03	TME	Open Elective-III	4 (3+1)
07	TME -415 (B)	Project	4 (0+4)
		<b>Total</b>	<b>16 (9+7)</b>

<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	TME-421	Nuclear Engineering	4 (3+1)
02	TME-422	Solar Thermal Process	4 (3+1)
03	TME-423	Design Of Rotadynamic Pumps	4 (3+1)
04	TME-424	Bearing and Lubrication	4 (3+1)
05	TME-425	Design if Blowers and Rotary Compression	4 (3+1)
06	TME-426	Non-conventional energy sources & system	4 (3+1)
07	TME-427	Fuels and Combustion	4 (3+1)
08	TME-428	<b>Metrology</b>	<b>4 (3+1)</b>

### SEMESTER WISE COURSE DISTRIBUTION FOR B.TECH.(COMPUTER SCIENCE AND ENGINEERING)

<b>I SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	BPM-111	Engg. Mathematics-1	3 (3+0)
2	BPC-111	Engineering Chemistry-II	2 (1+1)
3	TCE-111	Solid Mechanics	4 (3+1)
4	BPP-111	Physics-1	3 (2+1)
5	TME-111	Thermodynamics and Heat Engines	4 (3+1)
6	TCP-111	Introduction to computer and Programming	3 (1+2)
7	TWP-111	Work Programme	1 (0+1)
		<b>Total credit hrs</b>	<b>20 (13+7)</b>

<b>II SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	BPC-121	Engineering Chemistry-I	3 (2+1)
02	BPP-121	Physics-II	3 (2+1)
03	BPM-121	Engineering Mathematics-II	4 (4+0)
04	TCE-121	Engineering Drawing	2 (0+2)

05	TPE-121	Workshop Practice	2 (0+2)
06	BHS-121	Technical Writing	3 (2+1)
07	TCP-121 (For CSE only)	Digital Logic & Circuit	4 (3+1)
		<b>Total</b>	<b>21 (13+8)</b>

<b>III SEMESTER</b>			
S.No.	Courses No.	Course Title	Credit hrs
1	TCP-211	Data Structure	3 (2+1)
2	TCP-212	Discrete structures	4 (3+1)
3	TCP-213	Formal Language and Automata Theory	3 (2+1)
4	TCP-214	Computer Graphics and Animation	4 (3+1)
5	TEC-211	Circuit Theory	4 (3+1)
6	TEC-212	Instrumentation and measurements	4 (3+1)
7	NSS-211		2 (0+2)
		<b>Total credit hrs</b>	<b>22 (16+6)</b>

<b>IV SEMESTER</b>			
S.No.	Course No.	Course Title	Credit (hrs)
01	BPM-221	Probability Statistics and Queing Model	2 (2+0)
02	TCP-221	Microprocessor	4 (3+1)
03	TCP-222	Data processing & File system	4 (3+1)
04	TCP-223	Computational & Numerical Analysis	2 (2+0)
05	TCP-224	Theory of computing	3 (3+0)
06	TCP-225	Computer Organisation	3 (2+1)
07	TEC-221	Electronic Devices & Circuits	4 (3+1)

<b>V SEMESTER</b>			
S.No.	Course No.	Course Title	Credit (hrs)
01	TCP-311	System programming	4 (3+1)
02	TCP-312	Programming Language	3 (2+1)
03	TCP-313	Fundamental of Computer Communication System	4 (3+1)
04	TCP-314	Data Base Management System	4 (3+1)
05	TCP-315	Operation Research	2(2+0)
06	TEC-311	Control Systems	4 (3+1)
		<b>Total</b>	<b>21 (16+5)</b>

<b>VI SEMESTER</b>			
S.No.	Course No.	Course Title	Credit (hrs)
01	TCP-321	Computer and Society	3(3+0)
02	TCP-322	Microprocessor Based System	3 (2+1)
03	TCP-323	Numerically Control Machine And Robotics	3(2+1)
04	TCP-324	Language Processor	3(3+0)
05	TCP-325	Operating System	3(2+1)
06	TCP-326	Computer Network	3(3+0)
07	TCP-327	Design and Analysis of Algorithms	3(3+0)



08	TCP-328	Practical Training	30 Days
		<b>Total</b>	<b>21 (18+3)</b>

Note:- Training shall be completed in semester break.

<b>VII SEMESTER</b>			
<b>S.No.</b>	<b>Courses No.</b>	<b>Course Title</b>	<b>Credit hrs</b>
1	TCP-411	State of the Art computer	3 (2+1)
2	TCP-412	Software Engineering	3 (3+0)
3	TCP-413	Management information systems	3 (2+1)
4	TCP-414	Multimedia Technology	4 (3+1)
5	TCP-415 A	Project-A	2 (0+2)
6	TCP-416	Seminar	1 (0+1)
7	TPE-411	Principle of management	2 (2+0)
		<b>Total</b>	<b>18 (12+6)</b>
			<b>161(115+46)</b>

<b>VIII SEMESTER</b>			
<b>S.No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Credit (hrs)</b>
01	TCP	Open Elective-I	4 (3+1)
02	TCP	Open Elective-II	4 (3+1)
03	TCP	Open Elective-III	4 (3+1)
07	TCP-415 (B)	Project	4 (0+4)
		<b>Total</b>	<b>16 (9+7)</b>

#### **ELECTIVE COURSES (ANY THREE)**

01	TCP-421	Simulation & Modeling	4 (3+1)
02	TCP-422	Digital Control	4 (3+1)
03	TCP-423	Satellite Communication	4 (3+1)
04	TCP-424	Mobile computing	4 (3+1)
05	TCP-425	VLSI Technology	4 (3+1)
06	TCP-426	Image Processing	4 (3+1)
07	TCP-427	Data Mining & ware housing	4 (3+1)

#### **Achievements:-**

**Teaching: -**To impart basic and updated technologies to the students and enable them to become competent engineer, scientist, teachers and self-sustained entrepreneurs etc., the students are taught through judicious combinations of core courses along with their practical. A total courses with 183 Credits, 160 Credits and 161 Credits hours are offered by different departments to the students of B.Tech.(Agricultural Engineering ), B.Tech.(Mechanical Engineering) and B.Tech.(Computer Science & Engineering), respectively . Course completion and examination are done within time frame of Academic calendar. The results of college are hundred per cent pass with First Class. The pass out students of the college are working in different fields and reputed organizations at Government as well as in a private sectors. Recommendations of our Fifth Dean's Committee have been implemented w.e.f. first semester 2016-17 to newly admitted students of B.Tech. (Agricultural Engineering) first year.

**Research:** The various farm implements were tested and evaluated under prototype feasibility testing and modified suiting to local Agro climate conditions of Eastern Uttar Pradesh under AICRP on Farm Implements and Machinery. Efforts were made to promote the custom hire service of improved equipments to create the self

custom hire service of improved equipment to create the self employment opportunities for rural youth of Eastern Uttar Pradesh.

**Extension:** In order to popularize the different improved farm implements and machinery, the front line demonstrations were carried out on large scale basis in different districts of Eastern Uttar Pradesh. Faculty/scientists always keep in close to farmers, entrepreneurs, etc. for befitting them with knowledge and technology as advanced.

.....