

UNIVERSITY OF KERALA

Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the University of Kerala Act of 1974 passed by Kerala State Legislative Assembly
URL: www.keralaniversity.ac.in, Email: ku.controller@keralaniversity.ac.in
Re-accredited by NAAC with A++ Grade



TRANSCRIPT OF GRADES AND MARKS

Name : ARUN SURA
 Date of Birth : 27/11/1996 (Twenty Seventh November Nineteen Ninety Six)
 Programme : Bachelor of Technology (B.Tech)
 Discipline : Mechanical Engineering
 Duration of the Course : Eight Semesters (Four Years), 2014 to 2018
 Month & Year of Exam : April 2020
 Scheme : 2013
 Exam. Code : 40313804/40313312
 Candidate Code : 14421010
 Classification : Second Class
 Institution : Archana College of Engineering, Nooranad , Alappuzha, Kerala, India.
 Aggregate Marks : 5261/8800
 CGPA : 6.17

- (1) Pass requirements: (i) A Candidate shall be declared to have passed a semester in full in the first appearance if he/she secure not less than 5.5 GPA with a minimum of 'E' grade for all the individual subject in that semester. (ii) A Candidate shall be declared to have passed in an individual subject of a semester examination if he/she secures grade 'E' or above (iii) A Candidate who does not secure a full pass in a semester Examination as per clause (i) above will have to pass in all the subjects of the semester Examination as per clause (ii) above before he is declared to have passed in that semester Examination in full.
 (2) Classification: (i) First Class with Distinction: CGPA 8 or above; (ii) First Class: CGPA 6.5 or above & less than 8 [Applicable only for candidates passing all the subjects of eight semesters within five academic years (ten consecutive semesters after the commencement of his/her course of study)]. (iii) Second Class: All other successful candidates who passed the B.Tech Degree Examinations.
 (3) Grade Point Average (GPA) = $\Sigma(\text{Credit}) \times \text{GP}$ obtained for the subject / $\Sigma(\text{credit for the subject})$.
 (4) Cumulative Grade Point Average (CGPA) = $\Sigma(\text{Credits for Semester} \times \text{GPA obtained for the semester}) / \Sigma(\text{credits for the semester})$.
 (5) 'Imp/Sup' means Improvement or Supplementary Examinations and 'NA' means Not Applicable.

Grade Details					
Grade	Grade Point	% of Total Marks(SM+UE)	Grade	Grade Point	% of Total Marks(SM+UE)
S	10	90% and above	C+	7	65% and above but less than 70%
A+	9	85% and above but less than 90%	C	6.5	60% and above but less than 65%
A	8.5	80% and above but less than 85%	D	6	55% and above but less than 60%
B+	8	75% and above but less than 80%	E	5.5	50% and above but less than 55%
B	7.5	70% and above but less than 75%	F	0	Below 50% for (SM+UE) / below 40% for UE (Failed)

For subject with no University Examination Letter Grade 'F' will be awarded if SM is below 50%

B.TECH DEGREE EXAMINATION (SEMESTER EIGHT OF EIGHT)

Subject Code	Subjects	Credits	Sessional Marks		University Marks			Total Marks		Letter Grade	
			Awarded	Max	Regular	Imp/Sup	Max	Awarded	Max	Regular	Imp/Sup
13801	Energy Management	3	37	50	61	N/A	100	98	150	C Plus	N/A
13802	Industrial Engineering	3	41	50	49	N/A	100	90	150	C	N/A
13803	Automobile Engineering	4	43	50	56	N/A	100	99	150	C Plus	N/A
13804	Computer Integrated Manufacturing	4	42	50	46	N/A	100	88	150	D	N/A
13805	Facilities Planning	4	41	50	25	46	100	87	150	F	D
13806	Flexible Manufacturing Methods	4	37	50	25	48	100	85	150	F	D
13807	Seminar	2	79	100	-	-	-	79	100	B Plus	N/A
13808	Project , Viva-Voce & Industrial Visit	5	86	100	72	N/A	100	158	200	B Plus	N/A
Total Marks								784	1200	GPA : 6.78	

Exam. Code : 40313803, 40313804
 Month&Year : May 2018, December 2018
 Candidate Code : 14421010
 Semester : Passed

B.TECH DEGREE EXAMINATION (SEMESTER SEVEN OF EIGHT)

Subject Code	Subjects	Credits	Sessional Marks		University Marks			Total Marks		Letter Grade	
			Awarded	Max	Regular	Imp/Sup	Max	Awarded	Max	Regular	Imp/Sup
13701	Principles of Management and Decision Modeling	3	38	50	40	N/A	100	78	150	E	N/A
13702	Mechatronics	4	35	50	27	40	100	75	150	F	E
13703	Gas Dynamics	4	39	50	45	N/A	100	84	150	D	N/A
13704	Refrigeration & Air Conditioning	4	37	50	30	45	100	82	150	F	E
13705	Design of Machine Elements - II	4	38	50	26	41	100	79	150	F	E
13706	Non-Conventional Machining Techniques	4	39	50	40	N/A	100	79	150	E	N/A
13707	Thermal Engineering Lab	2	35	50	44	N/A	100	79	150	E	N/A
13708	Mechanical Engineering Lab	2	40	50	43	N/A	100	83	150	D	N/A
13709	Project and Project Seminar	2	68	100	-	-	-	68	100	C Plus	N/A
Total Marks								707	1300	GPA : 5.71	

Exam. Code : 40313702, 40313703
 Month&Year : November 2017, August 2018
 Candidate Code : 14421010
 Semester : Passed

B.TECH DEGREE EXAMINATION (SEMESTER SIX OF EIGHT)

Subject Code	Subjects	Credits	Sessional Marks		University Marks			Total Marks		Letter Grade	
			Awarded	Max	Regular	Imp/Sup	Max	Awarded	Max	Regular	Imp/Sup
13601	Metrology & Instrumentation	4	42	50	40	N/A	100	82	150	E	N/A
13602	Dynamics of Machinery	4	42	50	51	N/A	100	93	150	C	N/A
13603	Computer Aided Design	3	46	50	44	N/A	100	90	150	C	N/A
13604	Heat and Mass Transfer	4	44	50	33	42	100	86	150	F	D
13605	Design of Machine Elements - I	4	43	50	34	50	100	93	150	F	C
13606	New Energy Systems	4	44	50	40	N/A	100	84	150	D	N/A
13607	Computer Aided Modelling and Analysis Lab	3	43	50	86	N/A	100	129	150	A Plus	N/A
13608	Machine Tools Lab	3	38	50	66	N/A	100	104	150	C Plus	N/A
Total Marks								761	1200	GPA : 6.53	

Exam. Code : 40313603, 40313604, 40313606
 Month&Year : June 2017, May 2018, February 2019
 Candidate Code : 14421010
 Semester : Passed