

DEPARTMENT OF CIVIL ENGINEERING

E.G.S PILLAY ENGINEERING COLLEGE

(AUTONOMOUS)

NAGAPATTINAM-611 002

NBA Accredited Programmes (CSE, EEE, ECE, IT, Civil, Mech) / Accredited by NAAC with 'A' Grade
An ISO 9000-2015 Certified Institution / Approved by AICTE New Delhi,
Affiliated to Anna University, Chennai.

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21 NEWS LETTER

PEACE

Precious Enlightening Association of Civil Engineering

Released
on 05th May
2021

DEPARTMENT OF CIVIL ENGINEERING

VISION OF THE DEPARTMENT

To evolve as a centre of excellence by imparting quality technical education and promote research to meet the emerging challenges in the field of Civil Engineering.

MISSION OF THE DEPARTMENT

Civil Engineering department is committed to

M1: Provide quality education through innovative teaching and learning practices.

M2: Encourage faculty and students to pursue higher education and carry out socially relevant innovative research thereby establishing centers of excellence in emerging areas of research.

M3: Offer consultancy services using state of the art facilities fulfilling the needs of the industry and society.

M4: Enable our students and faculty to play leadership roles in a sustainable manner by adopting professional ethics, entrepreneurship activities, interpersonal skills and lifelong learning attitude

About the Department

The Department of Civil Engineering was established in the year 2011 with the intake of 60 students. The intake is increased to 120 students in the year of 2013 The department has well qualified and experienced teaching faculties and technical staff with state of the art laboratories to meet the quality education required for present challenging societal and industrial needs.

Department is involved in Research & Consultancy activities in the areas of Structural Engineering, Environmental Engineering, Geotechnical Engineering, Concrete highway Engineering and Surveying with many national and international publications. Department is actively involved in co-curricular and extra-curricular activities with the association of professional bodies.

Course offered

B.E- CIVIL ENGINEERING

M.E- ENVIRONMENTAL ENGINEERING

ASSOCIATION NAME

Precious Enlightening Association of Civil Engineering (PEACE)

Publishing Committee

THATCHAYAN.K

Students Members Mrs. Pavithran IV-CIVIL Mr. Harun faseed III-CIVIL
Mr. Annamalai. II –CIVIL

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S. No	Name	Qualification	Designation
1.	Dr.S.Anand KumarVarma	M.E., Ph.D.,	Professor
2.	Dr. V.Sekaran	M.E., Ph.D.,	Professor
3.	Dr.R.Sivakumar	M.E., Ph.D.,	Professor
4.	Dr.N.Sakthieswaran	M.E., Ph.D.,	Professor
5.	Dr.R.Elliss Yogesh	M.E., Ph.D.,	Associate Professor
6.	Dr.B.Vinodhkumar	M.E., Ph.D.,	Associate Professor
7.	Mrs.P.Malliga	M.E., (Ph.D.,)	Associate Professor
8.	Mr.V.Balasubramani	M.E., (Ph.D.,)	Associate Professor
9.	Mr.A.Arjunan	M.E., (Ph.D.,)	Assistant professor
10.	Mr.N.R.Vethamoorthy	M.E.,	Associate Professor
11.	Mr.G.Prakash	M.E.,	Assistant professor
12.	Ms.R.Neelaveni	M.E.,	Assistant professor
13.	Mrs.M.SubitaDeeneshwari	M.E.,	Assistant professor
14.	Ms.N.Karthika	M.E.,	Assistant professor
15.	Mrs.K.Kamalarani	M.E.,	Assistant professor
16.	Mr.T.Adhavanathan	M.E.,	Assistant professor
17.	Mr.S.Shyam Sundar	M.E., (Ph.D.,)	Assistant professor
18.	Mr.E.Venkatesan	M.E.,	Assistant professor
19.	Mr.J.Britto	M.E.,	Assistant professor
20.	Mr.K.Senthamil Maran	M.E., (Ph.D.,)	Assistant professor
21.	Mr.V.Srinivasan	M.E.,	Assistant professor
22.	Mr.A.Pirakasam	M.E.,	Assistant professor
23.	Mr.P.Bharath	M.E.,	Assistant professor
24.	Ms.G.Durga	M.E.,	Assistant professor
25.	Ms.N.Sasirega	M.E.,	Assistant professor
26.	Ms.T.J.Saranya	M.E.,	Assistant professor

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27.	Mr.V.C.Keerthi	M.E.,	Assistant professor
28.	Mr.S.Santhoshkumar	M.E.,	Assistant professor
29.	Mr.S.Venkatramanan	M.E.,	Assistant professor
30.	Ms.K.Shakila	M.E.,	Assistant professor
31.	Mr.K.B.Sundhar	M.E.,	Assistant professor
32.	Ms.G.Nithya	M.E.,	Assistant professor
33.	Ms.O.Maheshwari	M.E.,	Assistant professor
34.	Mr.C.Aravind	M.E.,	Assistant professor
35.	Mr.N.Sivasubramaniyan	M.E.,	Assistant professor

Staff University Result Achievement

S.No	Name Of Faculty	Subject Name	% of Results
1	Dr.R.Sivakumar	Design of rc element	90
2	Mr.A.Arjunan	Prefabricate structures	85
3	Mr.G.Prakash	Engineering gology	90
4	S.Shyam Sundar	Environmental engineering	90
5.	T.Adhavanathan	Estimation quantity surveying	90
6.	N.R.Vethamoorthy	Structural dynamics	90
7.	N.Karthika	Structural analysis	90

Departments Programmes Organized

Name Of The Event	Name Of The Programme	Resources Person/ Co-Ordinator	Participants
Guest lecturer	GL on High Rise and Port Cabins	Dr. J. Thivya, AP - UCE, Dindigul	III Year Students
Workshop	Total Station workshop	Mr. S.Ravi, Diagonal Education Institute, Trichy	II Year Students
Guest lecturer	Guest lecture on Values from inside out	Dr. B.K Pandiamani, Director, Value Education Programs, BrahmaKumaries, Rajasthan	IV Year Students
Guest lecturer	GL on Foundation Engineering	Dr. J. Vijayaragavan, AP – UCE, Ramanathapuram	III Year Students
Guest lecturer	GL on Emerging Technologiesin waste water treatment	Dr. R. Jayasankar, Associate Professor, AVCCE	III Year Students

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seminar	Analysis of beams and frames using STAAD.PRO	P.Manimegalai,Trainer, CADD Centre,Nagapattinam	Final Year students
Workshop	Web based Workshop on National Building Code of India 2016 and Important Standards in Civil Engineering	Er. Sanjay Pant, Head (CivilEngineering Department), Bureau of Indian Standards,New Delhi	All UG Students (CIVIL)
Guest lecturer	Waste Minimization and cleaner Technology	Dr. J. Jegan,Assoc Prof./ UCE/Ramanathapuram	All PG Environmental Students

i Achievements

Participation in inter-institute events by students of the program of study

Department shall provide a table indicating those publications, which received awards in the **events/conferences/ seminar/workshop/webinar/symposium/online quiz/Paper presentation** organized by other institutes

Prizes and awards received

NAME OF THE STUDENTS	MONTH & YEAR	TYPES EVENT	AWARD S	INSTITUTION
ASATH R	Apr-21	Nptel - Online Certification	Course Completion	IITM
MAHMOODANASMAHAMOODS ALEEM	1 Oct, 2021	Journal Publication	Article Published	Magna Scientia Advanced Research AndReviews
HARUNRASEED M	1 Oct, 2021	Journal Publication	Article Published	Magna Scientia Advanced Research And Reviews
MADHANKUMAR R	1 Oct, 2021	Journal Publication	Article Published	Magna Scientia Advanced Research AndReviews
NITHISHBALASUBRAMANIAN O	1 Oct, 2021	Journal Publication	Article Published	Magna Scientia Advanced Research AndReviews

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K VENKATESH	1 Oct, 2021	Skill Development	Participation	Cadd Centre, Nagapattinam
S.DINESH	3rd October 2021	Webinar	Participation	Arifa Institute Of Technology
S.DINESH	10 Oct 2021	Webinar	Participation	Arifa Institute Of Technology
PRASANTH V	25 Sep 2021	Techfest	Participation	IIT Bombay
PRASANTH V	11 jan 2022	Webinar	Participation	Sri Venkateswara College Of Engineering, Sriperumbudur, Tamil Nadu
KRITHIK BOTHRA R	29 Aug 2021	Workshop	Participation	I Prime Skill, Maharashtra
PRASANTH V	19 Sep 2021	Workshop	Participation	Acaad Centre, Maharastra
HARIHARAN E	11 Jan 2022	Webinar	Participation	Sri Venkateswara College Of Engineering, Sriperumbudur, Tamil Nadu
HARIHARAN E	11 Nov 2021	Webinar	Participation	Qcrete Readymix (India) Pvt Ltd, Kochi, Kerala
S.DINESH	30 Oct 2021	Webinar	Participation	Mahendra Institute Of Technologym, Namakkal, Tamil Nadu
S.DINESH	11 Jan 2022	Webinar	Participation	Sri Venkateswara College Of Engineering, Sriperumbudur, Tamil Nadu
ASATH R	04 Jun 2021	Workshop	Participation	Kdk CollegeOf Engineering, Nagpur

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HIGHER STUDIES

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S.N O	STUDENT NAME	COURSE NAME	COLLEGE NAME
1	DEEPA.P	M.E. (STRUCTURAL ENGINEERING)	SEMBODAI RUKMANI VARATHARAJAN ENGINEERING COLLEGE, SEMBODAI, VEDARANYAM
2	SAVITHA.G	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
3	ANUSHA.E	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
4	RAMYA.R	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
5	LAKSHMANAN.B	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
6	KALAIYARASAN.K	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
7	PAVITHRAN.G	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
8	JEEVAN PRAKASH.S	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
9	DURGA.M	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
10	RAJARAJAN.S	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
11	VIMALRAJ.L	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
12	FAAIZ AHAMED.E	M.E. (ENVIORNMENTAL ENGINEERING)	E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

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ENTERPRENUER

S.No	Student Name	Company Name	Type Of Work
1	ABINESH	SKACONSTRUCTION,SIRKAZHI	SUPERVISOR
2	AGATHIYAN.B	AGN BUILDERS POOMPUHAR	SUPERVISOR
3	JAYASEELAN.S	JAICONSTRUCTION,SIRKAZHI	SUPERVISOR

PLACEMENT

S.NO	NAME OF THE STUDENT	NAME OF THE EMPLOYER
1	AAKASH	Balaji Builders
2	ABARNA	CAD Point
3	AKASH 14-03-2000	Rohit Builders
4	AMIRTHAMARKANDAN	Modern
5	ARAVIND	Balaji Builders
6	ARUN	Balaji Builders
7	ARUN NIVAS	Rohit Builders
8	ASHWINTH	Focus Edumatics
9	BALAMURUGAN	Modern
10	DEKSHNAMOORTHY	Salya
11	DEVENDRAN	Priyan Builders
12	DEVESHWARAN	CAD Point
13	DHACHAYANI	Focus Edumatics
14	DHAKSHNAMOORTHY	Rohit Builders
15	DHILIPAN	Priyan Builders
16	DHINESHKUMAR	Balaji Builders
17	GOWTHAM	Modern
18	HARIHARAN	Priyan Builders
19	HARUN RASEED	Rohit Builders
20	JAGADEESH	Salya
21	JAGANRAJ	Balaji Builders
22	JAYACHANDHIRAN	SPL infra
23	KALAISELVAN	Priyan Builders
24	KATHIRMANI	Priyan Builders
25	KAVIMALAR	Focus Edumatics
26	KEERTHIDASAN	Modern
27	MADHANKUMAR	SPL infra
28	MAHALAKSHMI	Salya
29	MAHMOOD ANAS MAHAMOOD SALEEM	Rohit Builders

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30	MANIKANDAN	Balaji Builders
31	MANIKANDAN	CAD Point
32	MOHAMED JASEER	Priyan Builders
33	MOHAMED THANSEER	Modern
34	MOHAMED THASRIM	Salya
35	MOHAMED VAZEER	Focus Edumatics
36	MUKESH	Priyan Builders
37	MULLAIVENDAN	Priyan Builders
38	NAVEENKUMAR	Balaji Builders
39	NITHISHBALASUBRAMANIAN	Salya
40	PRAKASH	Balaji Builders
41	PRAVEEN KUMAR	SPL infra
42	RAJA	CADD Leader
43	RAJAN	Modern
44	RAJESH	Balaji Builders
45	RAJESH	Salya
46	REGUNATH	CAD Point
47	SALMAN KASSIM	Rohit Builders
48	SANGEETH	SPL infra
49	SARANRAJ	CADD Leader
50	SAROSEKUMAR	Modern
51	SATHISH	CADD Leader
52	SELVAGANABATHI	Balaji Builders
53	SELVAMANI	Priyan Builders
54.	SHAIENDIRAN	Focus Edumatics
55.	SIVAPRAKASAM	Modern
56.	SRIDHAR	Rohit Builders
57.	SRIRAM GANDHI	Salya
58.	SUBAKARAN	CADD Leader
59.	SUDHAKAR	Salya
60.	SURYA	Balaji Builders

STUDENT TOPPERS

S.NO	STUDENT NAME	GPA/CGPA
1	Dhachayani	9.83
2.	Prakash	9.83
3.	S.Abi	9.28
4.	Krithikbothrar	9.36
5.	Asath.R	9.1
6.	V.Prasanth	9.24
7.	Annamalai.R	9.59
8.	R.moganpriya.	9.59
9	S.Dinesh	9.59
10	Thatchayan.k	9.05

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FACULTY ACHIEVEMENT

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Name of the Faculty	Title of the programme	Duration (from - to) (DD-MM-YYYY)	Certificate
A.Arjunan	Construction Technology	7-2-22 to 11.2.22	ATAL
A.Arjunan	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
S.Shyam Sundar	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
E.Venkatesan	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
A.Arjunan	Construction Technology	7-2-22 to 11.2.22	ATAL
J.Britto	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
N.R. Vedhamoorthy	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
J.Britto	Construction Technology	7-2-22 to 11.2.22	ATAL
E.Venkatesan	Construction Technology	7-2-22 to 11.2.22	ATAL
G.Prakash	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
T.Adhavanathan	Construction Technology	7-2-22 to 11.2.22	ATAL
T.Adhavanathan	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
Dr.R.Sivakumar	Green Technology & Sustainability Engineering	21-2-22 to 25.2.22	ATAL
Dr.S.Anand Kumar Varma	“Geographic Information Systems”	January - April 2021	AICTE Faculty Development Program

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JOURNAL & Book Chapter

Name of the Authors	Title of the paper published	Journal	Volume Issue No
O Ganesh Babu, TR Danya, N Sakthieswaran, P Suresh, U Muthuraman	Sustainable Characteristics of Fly Ash Based Geopolymer Concrete Incorporating Alccofine, Zeolite and Rubber Fibers	Romanian Journal of Materials	Volume 51 Issue 1 pp.17-24
N. Thamaraiselvi, N. Sakthieswaran, O. Ganesh Babu	Improving the performance of mortar containing industrial wastes	Materials Today: Proceedings	Volume 37 Part 2
S Sangeetha, N. Sakthieswaran, O Ganesh Babu	Effect of steel fibre on fracture toughness of concrete	Materials Today: Proceedings	Volume 37 Part 2
R Gajendra Rajan, N Sakthieswaran, O Ganesh Babu	Experimental investigation of sustainable concrete by partial replacement of fine aggregate with treated waste tyre rubber by acidic nature	Materials Today: Proceedings	Volume 37 Part 2
M Abarna Munisha, N Sakthieswaran, O Ganeshbabu, KK Gaayathri	Experimental study on effects of natural admixture on blended mortar	Materials Today: Proceedings	Volume 37 Part 2
J Ponnaiah, N Sakthieswaran, O Ganesh Babu, KK Gaayathri	Natural admixture in blended mortar-mechanical properties study	Materials Today: Proceedings	Volume 37 Part 2
M Mathavan, N Sakthieswaran, O Ganesh Babu	Experimental investigation on strength and properties of natural fibre reinforced cement mortar	Materials Today: Proceedings	Volume 37 Part 2
D Shanmuga Priya, N Sakthieswaran, O Ganesh Babu	Experimental study on mortar as partial replacement using sawdust powder and GGBS	Materials Today: Proceedings	Volume 37 Part 2
Mohamed Thameem Ansari, N Sakthieswaran, O Ganesh Babu	Experimental study of an eco-friendly concrete by inbuilt with treated crumbrubber	Materials Today: Proceedings	Volume 37 Part 2

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R Aswin Maria Sebal,N Sakthieswaran, O Ganesh Babu,KK Gaayathri	Effect of micro silica and ground granulated blast furnace slag on performance of rubberized mortar	Materials Today: Proceedings	Volume 37 Part2
V Punitha, N Sakthieswaran,O Ganesh Babu	Experimental investigation of concrete incorporating HDPE plasticwaste and metakaolin	Materials Today: Proceedings	Volume 37 Part2
Sakthieswaran N& Sophia M	Prosopisjuliflora fibre reinforced green building plaster materials – aneco-friendly weed control technique by effective utilization	Environmental Technology & Innovation (Elsevier)	Vol. 20, pp. 1-10
Danya T R &Sakthieswaran N	Effect of fly ash and metakaolin on the strength and stability Characteristics of Self Compacting Concrete	Romanian Journal of Materials	Vol. 04, pp. 531-536
SakthieswaranN&Renisha M	Mutual Effect of Coal Bottom Ash and Recycled Fines on Reactive Powder Concrete	Romanian Journal of Materials	Vol. 50, pp. 395-402
Sakthieswaran N, Jeyamurugan A, Sophia M &Suresh P	Effect of Elevated Temperatures on The Properties of Nano Alumina Modified Concrete Containing ZirconSand as Fine Aggregate	Romanian Journal of Materials	Vol. 50, pp. 175-182
Sakthieswaran N, Dhanaraj R& Suresh P	Copper Slag-Silica Fume blended fibre Concrete - An Eco-friendly Healthy alternative for conventionalCement Concrete	Romanian Journal of Materials	Vol. 50, pp. 81-89
Dr.S.Anand Kumar Varma	The Prospects of Human Rights	Lambert Academic Publishing	978-62-03860-70-2
Dr.S.Anand Kumar Varma	Climate Change and its Impact	Sri Krishna Hitech Publishing Company Pvt.Ltd	978-93-89878-14-1
A.Arjunan, Dr.J.Thivya & Dr.J.Vijayaraghavan	Essentials of Ground water Engineering	Lambert Academic Publishing	978-62-04735-74-0
Dr.S.Anand Kumar Varma& A.Pirakasam	Approaches to Universal Harmony	Lambert Academic Publishing	978-62-04737-87-4

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STUDENT PROJECT MODEL

TRICHY KALLANAI DAM MODEL



Right Side view



Front view



Right top view



Top view

NATURAL WEATHERROOF BUILDING



Front view



Top view



Right side view



Left-side view

Hydraulic bridge



Working model



Top view



Front view



Side view

VILLAGE WATER DISTRIBUTION



Working model



Top view



Front view



Side view

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GL on High Rise and Port Cabins

GL on Foundation Engineering

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Cadd workshop

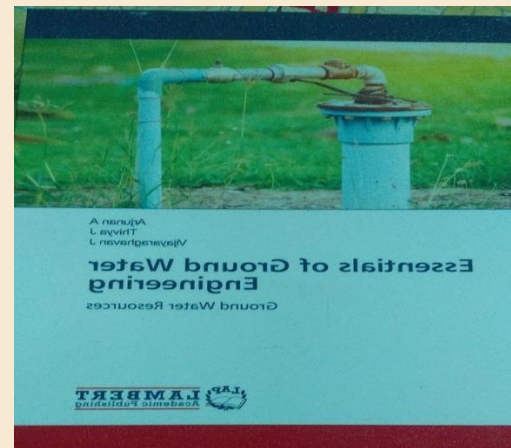
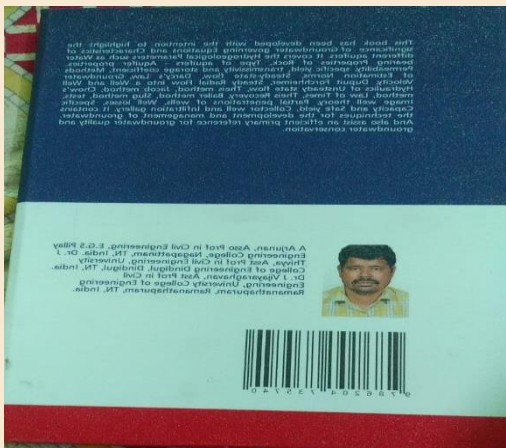
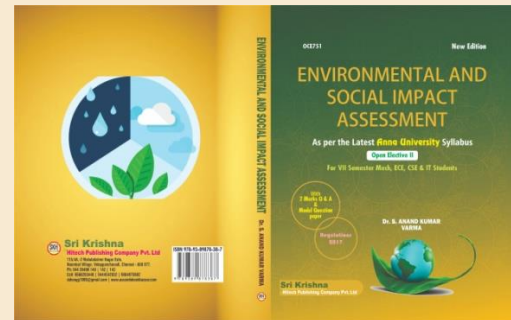
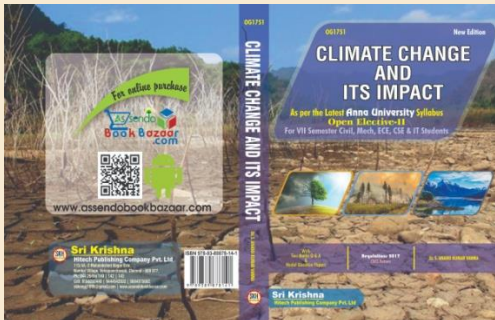
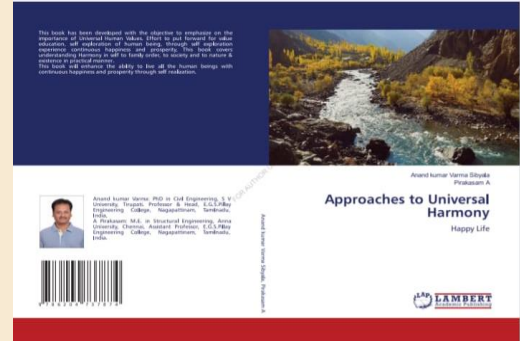
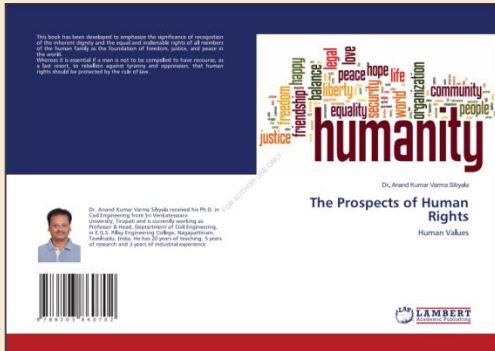


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