

## LIST OF SYMBOLS AND ABBREVIATIONS

BCP <sub>1</sub>	-	Bengre Control Point 1
D.K.	-	Dakshina Kannada
FCC	-	False Colour Composite
GCP	-	Ground Control Point
GIS	-	Geographical Information System
GPS	-	Global Positioning System
gm	-	Grams
HTL	-	High Tide Line
IGFOV	-	Instantaneous Ground Field of View
IR	-	Infra Red
IRS	-	Indian Remote sensing Satellite
KBR	-	KREC Beach Road
KERS	-	Karnataka Engineering Research Station
KREC	-	Karnataka Regional Engineering College
$L_{(\lambda)}$	-	Remotely sensed spectral radiance
$L_a$	-	Radiance generated along the optical path by scattering in the atmosphere due to aerosol
L.C.	-	Least Count
$L_g$	-	Specular reflection
LISS	-	Linear Imaging Self scanning Sensor
$L_r$	-	Radiance generated along the optical path by scattering in the atmosphere due to Rayleigh scattering
$L_t$	-	Total radiance
$L_w$	-	Desired water leaving radiance
$\lambda_i$	-	Spectral band located at a wave length
MB	-	Mukka Beach
MBR	-	Mukka Beach Road
MSL	-	Mean Sea Level
MSMR	-	Multifrequency Scanning Microwave Radiometer

MSS	-	Multi Spectral Scanner
MTF	-	Modular Transfer Function
$M_z$	-	Mean
$\mu$	-	micrometer
NIR	-	Near Infra Red
nm	-	nanometer
NMP	-	New Mangalore Port
NMPT	-	New Mangalore Port Trust
NRSA	-	National Remote Sensing Agency
OCM	-	Ocean Colour Monitor
OCMDAS	-	Ocean Colour Monitor Data Analysis Software
PAN	-	PANchromatic
PSLV	-	Polar Satellite Launch Vehicle
$\phi$	-	phi
%	-	Percentage
R	-	Co-efficient of correlation
$R^2$	-	Co-efficient of determination
SAC	-	Space Applications Centre
SCP <sub>1</sub>	-	Sasihitulu Control Point 1
SKI	-	Skewness
SOI	-	Survey of India
SPOT	-	Systeme Pour l' Observation de la Terre
SSC	-	Suspended Sediment Concentration
STM	-	Sediment Trend Matrix
STP	-	Sediment Transport Path
SWIR	-	Short Wave Infra Red
$\sigma_1$	-	Standard Deviation
t	-	Diffuse transmittance term
T	-	Direct transmittance term
TCP <sub>1</sub>	-	Thannirubhavi Control Point 1
TM	-	Thematic Mapper
TOA	-	Top of the Atmosphere
UCP <sub>1</sub>	-	Ullal Control Point 1